

																				Diâmetr		Compri	NW	NW			Vel.	
ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	0	Peso	mento		Superior	Início	Fim	Cast	Bobinagem
8551			-	9.5219926 83410645		0.0	3.0261778 83148193 4	485.80465 69824219	599.74200 43945312	219.52207 94677734 (4	0.0	40.838977 8137207						31.449184 41772461	10.423418 04504394 5	851.0	170.722	1787	1755	1754	2022-09- 12T09:29: 17	2022-09- 12T12:10: 28	37.2	20220912-11
8550	state_wor king	274.81344 60449219	14.216282 84454345 7	9.3831939 69726562 0	0.0	0.0	2.9830634 59396362 3	479.49865 72265625	590.52197 265625	216.16545 10498047	0.0	40.249698 63891601 6	13.312542 91534423 8	412.17605 59082031	568.24188 23242188	168.73442 07763672	0.0		10.258513 45062255 9		133.437	0	0	0		2022-09- 12T12:00: 33	12.4	
8549	state_start	271.68273 92578125	14.061229 70581054 7	9.2767705 9173584 0	0.0	0.0	2.9488015 17486572 3	478.03585 81542969	588.41265 86914062	215.39910 88867187 0 5	0.0	40.118743 89648437 5	13.282242 77496337 9	410.92269 89746094	566.21929 93164062	168.13861 08398437 5	0.0	30.889919 28100586	10.225713 72985839 8	742.5	129.111	0	0	0	2022-09- 12T11:52: 22	2022-09- 12T11:52: 22	4.9	
8548	state_wor king	267.72708 12988281	13.863534 92736816 4	9.1497125 62561035 0	0.0	0.0	2.9061238 76571655 3	471.88308 71582031	579.43133 54492188	212.12791 44287109 (4	0.0	39.529476 16577148 4	13.100579 26177978 5	405.65921 02050781	557.63299 56054688	165.59547 42431640 6	0.0	08032226	10.061715 12603759 8	639.8	94.1672	0	0	0	2022-09- 12T11:42: 50	2022-09- 12T11:42: 50	12.7	
8547	state_start			9.1179752 34985352 0		0.0	2.8976316 45202636 7	471.53323 36425781	578.93243 40820312	211.93783 56933593 (0.0	39.464012 14599609 4							10.061715 12603759 8	638.8	93.498	0	0	0	2022-09- 12T11:41: 40	2022-09- 12T11:41: 40	4.4	
8546	state_wor king	256.84854 12597656	13.319057 46459961	8.7865648 26965332	0.0	0.0	2.7879068 85147094 7	454.80972 29003906	554.52709 9609375	203.06385 80322265 6	0.0	37.959022 52197265 6	12.555887 22229003 9	390.70416 25976562 5	533.20916 74804688	158.38371 27685547	0.0	29.227735 51940918	9.6705341 33911133	218.5	4.13003	0	0	0		2022-09- 12T11:15: 53	12.4	
8545	state_start	254.52990 72265625	13.203472 13745117 2	8.7109088 89770508 0	1.0	0.0	2.7629008 29315185 5	453.81967 16308594	553.08868 40820312	202.54406 73828125	0.0	37.828170 77636719	12.525584 22088623	389.86349 48730469	531.85327 1484375	157.98144 53125	0.0	29.159210 20507812 5	9.6380662 91809082	189.8	1.15257	0	0	0	2022-09- 12T11:10: 10	2022-09- 12T11:10: 10	5.3	
8544	state_stop	239.03486 63330078	12.425368 30902099 6	8.1957893 37158203	0.0	0.0	2.5896563 52996826	435.50106 81152344	527.70013 42773438	193.27200 31738281 0 2	0.0	36.191833 49609375	11.979722 02301025 4	374.25939 94140625	507.51455 68847656	150.77610 77880859 4	0.0	27.867883 68225097 7	9.2192745 20874023	187.4	1.15322	0	0	0		2022-09- 12T09:30: 27	0.0	
8543	state_start	239.03486 63330078	12.425368 30902099 6	8.1957893 37158203	0.0	0.0	2.5896563 52996826	435.50106 81152344	527.70013 42773438	193.27200 31738281 (2	0.0	36.191833 49609375	11.979722 02301025 4	374.25939 94140625	507.51455 68847656	150.77610 77880859 4	0.0	27.867883 68225097 7	9.2192745 20874023	188.3	1.15322	0	0	0		2022-09- 12T09:30: 17	5.5	
8542	reeling_ex change	239.03486 63330078	12.425368 30902099 6	8.1957893 37158203	0.0	0.0			526.35589 59960938			36.126304 62646484 4	11.949389 45770263 7	373.71090 69824219	506.82745 36132812 5	150.57260 13183593 8	0.0	27.800184 24987793	9.2192745 20874023	952.3	220.581	2328	2285	2280		2022-09- 12T09:29: 17	36.8	20220912-10
8541	nw_sup_c hange																			176.0	224.264	0	2334	2329		2022-09- 12T09:29: 27	36.6	
8540	nw_inf_ch ange																				220.868	0	2332	2322		2022-09- 12T09:29: 21	36.6	
8539		•	•	7.3189949 98931885		0.0	2.3150374 88937378	389.38787 84179687 5	471.83236 69433594	172.81164 55078125	0.0	32.321556 09130859 4	10.705736 16027832	334.64389 03808594	453.81503 29589844	134.82199 09667968 8	0.0	5	8.2374038 69628906		223.039	2376	2334	2329		2022-09- 12T08:29: 41	36.8	20220912-09
8538	reeling_ex change	189.40264 89257812 5	9.8406438 82751465	6.4737181 66351318 0	0.0	0.0	2.0517306 32781982 4	343.22372 43652344	415.87933 34960937 5	152.32847 59521484 (4	0.0	28.469934 46350097 7	9.4347209 93041992	294.86721 80175781	399.90087 890625	118.78553 77197265 6	0.0	21.969783 78295898 4	7.2704987 52593994	974.8	222.588	2375	2341	2339	2022-09- 12T06:28: 12	2022-09- 12T07:28: 55	36.7	20220912-08
8537	reeling_ex change	164.63540 64941406 2	8.5525541 305542	5.6216721 534729 0	0.0	0.0	1.7869528 53202819 8	296.93118 28613281	359.81607 05566406	131.80455 01708984 0 4	0.0	24.621038 43688965	8.1475210 18981934	255.31323 2421875	346.23812 86621094	102.84439 08691406 2	0.0	18.962053 29895019 5	6.2883610 72540283	956.8	216.615	2307	2266	2256	2022-09- 12T05:29: 09	2022-09- 12T06:28: 12	37.3	20220912-07
8536	nw_sup_c hange																			952.9	214.221	0	2332	2322	2022-09- 12T06:27: 44	2022-09- 12T06:27: 44	37.1	
8535	nw_inf_ch ange																			951.5	213.815	0	2328	2319	2022-09- 12T06:27: 35	2022-09- 12T06:27: 35	36.6	
8534	reeling_ex change	139.15591 43066406 2	7.2156662 940979	4.7467355 72814941 0	1.0	0.0	1.5074163 67530822 8	251.80221 55761718 8	305.13323 97460937 5	111.76979 06494140 (6	0.0	20.886604 30908203	6.9111285 20965576	216.86880 49316406 2	294.08288 57421875	87.367645 26367188	0.0	94494629	5.3540973 66333008		221.235	2375	2332	2322	2022-09- 12T04:28: 22	2022-09- 12T05:29: 09	37.2	20220912-06
8533	reeling_ex change	114.10704 80346679 7	5.9120225 90637207	3.8892397 8805542 0	0.0	0.0	1.2295320 0340271	205.46362 3046875	248.97279 35791015 6	91.193031 31103516	0.0	17.016033 17260742 2	5.6581091 88079834	177.05358 88671875	240.09466 55273437 5	71.325714 11132812	0.0	Ö	4.3729076 38549805		223.134	2376	2335	2331	2022-09- 12T03:27: 39	2022-09- 12T04:28: 22	36.6	20220912-05
8532	reeling_ex change	89.335098 26660156	4.6147866 24908447	3.0526912 21237182 0 6	0.0	0.0	0.9649637 93754577 6	158.83158 87451172	192.44902 03857422	70.491775 51269531	0.0	13.088922 50061035 2	4.3612837 79144287	137.39677 42919922	186.30677 79541015 6	55.348075 86669922	0.0	10.218638 42010498	3.3806517 12417602 5	968.3	226.875	2429	2382	2373	2022-09- 12T02:25: 44	2022-09- 12T03:27: 39	37.1	20220912-04
8531	nw_sup_c hange																			964.3	225.995	0	2328	2319	2022-09- 12T03:27: 12	2022-09- 12T03:27: 12	36.7	
8530	nw_inf_ch ange																			963.4	226.723	0	2332	2325	2022-09- 12T03:27: 06	2022-09- 12T03:27: 06	37.2	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C 3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8529	reeling_ex change	63.275188 44604492	3.2634241 58096313 5	2.1634509 56344604 5	0.0	0.0	0.6815729 14123535 2	112.02328 49121093 8	135.72978 21044922	49.719963 07373047	.0	9.2317514 41955566	3.1089298 72512817 4	96.653686 5234375	131.02691 65039062 5	38.930271 14868164	0.0	7.1504416 46575928	2.3814141 75033569 3	966.5	229.178	2375	2328	2319	2022-09- 12T01:25: 03	2022-09- 12T02:25: 44	37.2	20220912-03
8528	reeling_ex change	36.615882 87353515 6	1.9038413 76304626 5	1.2565416 09764099 1	0.0	0.0	8	11392518	2002539	29.065979 00390625		5.3698129 65393066						4.2163085 9375	1.3909585 47592163	970.9	225.389	2375	2336	2334	2022-09- 12T00:24: 19	2022-09- 12T01:25: 03	37.1	20220912-02
8527	reeling_ex change		10501098	0.3735456 16865158 1	0.0	0.0	0.1173342 76437759 4	19.179424 28588867 2	23.227554 32128906 2	8.5107698 44055176	.0	1.5716829 29992675 8	0.5237743 85452270 5	16.812818 52722168	22.780647 27783203	6.7674703 59802246	0.0		0.3994027 67419815 06	986.8	233.206	2434	2386	2381	2022-09- 11T23:22: 01	2022-09- 12T00:24: 19	37.1	20220912-01
8526	nw_sup_c hange																			981.9	231.078	0	2332	2325	2022-09- 12T00:23: 44	2022-09- 12T00:23: 44	36.8	
8525	nw_inf_ch ange																			981.1	230.691	0	2144	2146	2022-09- 12T00:23: 38	2022-09- 12T00:23: 38	36.5	
8524	reeling_ex change	485.17004 39453125	77.457595 82519531	16.861896 51489257 8	0.0	0.0	5.8612327 57568359	988.99548 33984375	1143.3034 66796875	494.22866 82128906	.0	82.114624 0234375	27.248416 90063476 6	848.81390 38085938	1100.0327 1484375	385.22323 60839844	0.0	03370703	5	974.0	227.499	2375	2332	2325	2022-09- 11T22:21: 16	2022-09- 11T23:22: 01	37.2	20220911-27
8523		459.27481 07910156		15.984970 09277343 8	0.0	0.0				473.30676 26953125		78.175270 0805664	25.938056 94580078	808.17266 84570312	1044.8796 38671875	368.84500 12207031	0.0	60.065139 77050781	19.941104 88891601 6	979.7	229.584	2375	2335	2329	2022-09- 11T21:20: 32	2022-09- 11T22:21: 16	37.1	20220911-26
8522	reeling_ex change	432.77719 11621094	74.781616 2109375	15.105940 81878662 1	0.0	0.0	5.2842640 87677002	894.41790 77148438	1028.6950 68359375	452.26443 48144531	.0	74.231857 29980469	24.625303 26843261 7	767.31628 41796875	989.43310 546875	352.38964 84375	0.0	31787109	18.910409 92736816 4	961.7	229.742	2347	2303	2305	23	11T21:20: 32	37.2	20220911-25
8521	nw_sup_c hange																			957.3	229.106	0	2144	2146	11T21:20	2022-09- 11T21:20	37.3	
8520	nw_inf_ch ange																			956.8	228.544	0	1999	1999	2022-09- 11T21:19: 54	2022-09- 11T21:19: 54	36.7	
8519	reeling_ex change	407.05078 125	73.470245 36132812	14.252256 39343261 7	0.0	0.0	5.0007944 10705566	847.24926 7578125	971.54339 59960938	431.34466 55273437 5	.0	70.363334 65576172						73730469	17.940141 67785644 5		213.383	2184	2144	2146	2022-09- 11T19:24: 21	2022-09- 11T20:20: 23	37.0	20220911-24
8518				13.421744 34661865 2		0.0	4.7336034 77478027	803.53741 45507812	918.54486 08398438	411.93927 00195312 5	.0	66.765655 51757812	22.140888 21411132 8	689.50244 140625	883.63879 39453125	321.03747 55859375	0.0	51.190013 88549805	16.997278 21350097 7	920.2	213.481	2186	2143	2146	2022-09- 11T18:28: 31	2022-09- 11T19:24: 21	37.3	20220911-23
8517	reeling_ex change	358.12884 52148437 5	70.974525 45166016	12.615647 31597900 4	0.0	0.0			869.47833 25195312	389.09957 88574219	.0	63.151042 93823242	20.935855 86547851 6	651.49761 96289062	835.52819 82421875	302.87854 00390625	0.0		16.075826 64489746	466.8	45.0366	472	432	465	2022-09- 11T17:35: 29	2022-09- 11T18:28: 31	37.2	20220911-22
8516	state_wor king	354.54049 68261719	70.771148 68164062	12.488587 37945556 6	0.0	0.0	4.4322123 52752685 5	751.81134 03320312	860.31970 21484375	384.48599 24316406	.0	62.429523 46801758	20.710800 17089843 8	644.42242 43164062	826.79345 703125	299.30935 66894531	0.0	70171075			15.7338	0	0	0	2022-09- 11T18:19: 36	2022-09- 11T18:19: 36	11.9	
8515	state_start	353.78674 31640625	70.727684 0209961	12.467432 97576904 3	0.0	0.0	4.4239897 72796631	751.09124 75585938	859.51831 0546875	384.07745 36132812 5	.0	62.363979 33959961	20.682622 9095459	643.76660 15625	825.93597 41210938	298.97042 84667969	0.0		15.866501 80816650 4		13.3589	0	0	0	2022-09- 11T18:15: 13	2022-09- 11T18:15: 13	4.4	
8514	state_stop	353.33526 61132812 5	70.713211 05957031	12.456855 77392578 1	0.0	0.0	4.4158077 23999023	751.09124 75585938	859.51831 0546875	384.07745 36132812 5	.0	62.363979 33959961	20.682622 9095459	643.76660 15625	825.93597 41210938	298.97042 84667969	0.0	47.798046 11206055	15.866501 80816650 4	311.7	13.3589	0	0	0	2022-09- 11T17:53: 28	2022-09- 11T17:53: 28	0.0	
8513	state_start	353.17749 0234375	70.698738 09814453	12.446277 61840820 3	0.0	0.0	4.4158077 23999023	751.09124 75585938	859.51831 0546875	384.07745 36132812 5	.0	62.363979 33959961			825.93597 41210938		0.0	47.798046 11206055	15.866501 80816650 4	314.0	13.3589	0	0	0	2022-09- 11T17:53: 15	2022-09- 11T17:53: 15	5.1	
8512	King	70222030	2024414	12.414543 15185546 9	0.0	0.0	4.4076256 75201416	750.17279 05273438	858.51177 97851562	383.57202 1484375	.0	21118164	64819336	11328125	825.09191 89453125	22167969		47.798046 11206055	15.866501 80816650 4	261.0	8.11429	0	0	0	2022-09- 11T17:51: 31	2022-09- 11T17:51: 31	12.8	
8511	reeling_ex change	346.95159 91210937 5	70.380470 2758789	12.245308 87603759 8	0.0	0.0	4.3503637 31384277	746.21716 30859375	854.15521 24023438	381.37609 86328125	.0	61.970714 5690918	20.541702 27050781 2	639.73388 671875	820.93145 75195312	296.93429 56542969	0.0	47.526630 40161133		921.5	213.544	2160	2112	2109	2022-09- 11T16:39: 27	2022-09- 11T17:35: 29	4.9	20220911-21
8510	nw_sup_c hange																			1200.0	213.643	0	2375	2387	2022-09- 11T17:35: 51	2022-09- 11T17:35: 51	5.0	
8509	nw_inf_ch ange																			1200.0	213.643	0	2375	2387	2022-09- 11T17:35: 50	2022-09- 11T17:35: 50	4.8	
8508	state_start	346.71615 60058594	70.380470 2758789	12.234727 85949707	0.0	0.0	4.3421878 81469727	746.21716 30859375	854.15521 24023438	381.37609 86328125	.0	61.970714 5690918	20.541702 27050781 2	639.73388 671875	820.93145 75195312	296.93429 56542969	0.0	47.526630 40161133	15.776662 82653808 6	921.1	213.346	0	0	0	2022-09- 11T17:35: 12	11T17:35:	5.3	
8507	reeling_ex change	321.65554 80957031	69.123321 53320312	11.415673 25592041	0.0	0.0	4.0699844 36035156	702.04010 00976562	805.49987 79296875	356.85086 05957031	.0	58.297317 50488281						44.610591 88842773 4	14.816891 67022705	886.7	202.756	2045	1999	1999	2022-09- 11T15:47: 20	2022-09- 11T16:39: 27	37.2	20220911-20
8506	reeling_ex change	299.48489 37988281	67.995880 12695312	10.682065 0100708	0.0	0.0	3.8303966 52221679 7	660.05596 92382812	759.23223 87695312	333.53366 08886719	.0	54.817981 7199707							13.947156 90612793	411.7	35.0135	379	371	371	2022-09- 11T15:30: 29	2022-09- 11T15:47: 20	36.7	20220911-19
8505	state_wor king	293.56704 71191406	67.693183 89892578	10.480346 6796875	0.0	0.0	3.7698884 01031494	649.28619 38476562	747.36798 09570312	327.56262 20703125	.0	53.964447	17.902601	556.08618		254.83859		41.273048	13.706804 27551269		6.84354	0	0	0	2022-09- 11T15:33:	2022-09- 11T15:33:	12.0	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8505	king	71191406	89892578	6796875	0.0	0.0	01031494	38476562	09570312			5	17.902601 24206543		717.57696 53320312	8	0.0	6	5	202.9	6.84354	0	0	0	46	46	12.0	
8504	state_start	291.90124 51171875	67.606895 44677734	10.416814 80407714 8	0.0	0.0	3.7439703 94134521 5	649.02886 96289062	747.07965 08789062	327.40716 55273437 5	0.0	53.964447 02148437 5	17.874130 24902343 8	555.76654 05273438	717.14086 9140625	254.68231 20117187 5	0.0		13.706804 27551269 5	191.8	1.27435	0	0	0	2022-09- 11T15:31: 32	2022-09- 11T15:31: 32	5.2	
8503	rooling ov	201 05256		10.416814		0.0	3.7439703 94134521 5	648.23498 53515625	746.20843 50585938	326.96817 01660156	0.0	53.898788 45214844	17.845659 25598144 5	555.20788 57421875	716.43176 26953125	254.38562 01171875	0.0	41.205032 34863281	13.706804 27551269 5	899.5	204.778	2111	2064	2065	2022-09- 11T14:36: 48	2022-09- 11T15:30: 29	37.1	20220911-18
8502	reeling_ex change	269.27926 63574219	66.458770 75195312	9.6598110 19897461	0.0	0.0	3.5043158 53118896 5	605.74603 27148438	699.38848 87695312	303.39224 24316406	0.0	50.351085 6628418	16.702531 81457519 5	518.95745 84960938	671.58026 12304688	236.11111 45019531 2	0.0	70141601	12.802572 25036621 1	455.3	45.9983	496	490	492	2022-09- 11T13:16: 51	2022-09- 11T14:36: 48	37.3	20220911-17
8501	state_start	263.48074 34082031	66.163291 93115234	9.4688034 05761719	0.0	0.0	3.4372501 37329101 6	595.22570 80078125	687.79870 60546875	297.54901 12304687 5	0.0	49.497234 34448242	16.385295 86791992 2	510.33508 30078125	660.92102 05078125	231.77015 68603515 6	0.0	37.883476 25732422	12.590965 27099609 4	207.5	3.62061	0	0	0	2022-09- 11T14:23: 34	2022-09- 11T14:23: 34	9.9	
8500	state_start	263.01358 03222656	66.136833 19091797	9.4581613 54064941	0.0	0.0				297.22052 00195312 5					659.72003 17382812				12.560739 51721191 4		1.08618	0	0	0		2022-09- 11T14:18: 16	5.1	
8499	state_stop	254.56466 67480468 8	65.688789 36767578	9.2017755 50842285	0.0	0.0				293.95440 67382812 5					653 94914				12.439836 50207519 5		0.996357	0	0	0	2022-09- 11T13:18:		0.0	
8498		254.36247	65.635963	9.1910905 8380127	0.0	0.0				293.95440 67382812 5					653 94914				12.439836 50207519 5		0.905779	0	0	0	2022-09- 11T13:17: 52	2022-09- 11T13:17: 52	5.0	
8497	reeling_ex change	253.76371 76513672	65.477485 65673828	9.1697435 37902832	0.0	0.0	3.3290851	587.61419		293.35012		40 041007	16 100660		652.94604 4921875				12.439836		210.622	2367	2352	2363		2022-09- 11T13:16: 51	36.8	20220911-16
8496	nw_inf_ch ange																			951.3	210.772	0	2376	2391	2022-09- 11T13:16: 54	2022-09- 11T13:16: 54	36.8	
8495	nw_inf_ch ange																			951.3	210.772	0	2376	2391		2022-09- 11T13:16: 54	36.8	
8494	reeling_ex change	233.98400 87890625	60.370216 36962890 6	8.4661941 52832031	0.0	0.0	3.0710537 43362426 8	542.80224 609375	627.35900 87890625	270.96044 921875	0.0	45.105770 11108398 4	14.967350 95977783 2	465.34661 86523437 5	602.61175 53710938	211.05261 23046875	0.0	34.562301 63574219	11.473346 71020507 8	938.0	215.328	2391	2375	2387		2022-09- 11T12:16: 35	37.1	20220911-15
8493	reeling_ex change	214.57800 29296875	55.373649 59716797	7.7133345 60394287	0.0	0.0	2.8166549 20578003	497.43554 6875	574.87426 7578125	248.30786 1328125	0.0	41.311016 08276367	13.723625 18310546 9	426.40368 65234375	552.01281 73828125	193.39770 5078125	0.0		10.509057 04498291	937.0	213.927	2392	2379	2390	2022-09- 11T10:14: 47	2022-09- 11T11:15: 40	37.2	20220911-14
8492	reeling_ex change		50.529930 11474609 4	7.0427961 34948730 5	0.0	0.0	2.5741593 83773803 7	451.19033 81347656	521.36602 78320312	225.19825 74462890 6	0.0	37.514068 60351562			501.77297 97363281			28.803106 3079834	9.5540494 91882324	932.1	210.853	2356	2342	2352	2022-09- 11T09:14: 44	2022-09- 11T10:14: 47	37.2	20220911-13
8491	nw_sup_c hange																			927.7	207.359	0	2376	2391		2022-09- 11T10:14: 16	37.1	
8490	nw_inf_ch ange																			926.9	209.219	0	2376	2388		2022-09- 11T10:14: 09	37.0	
8489	reeling_ex change	176.04005 43212890 6	45.392932 8918457	6.3347053 52783203	0.0	0.0	2.3104345 79849243	406.41333 0078125	469.56494 140625	202.82673 64501953	0.0	33.778461 45629883	11.205152 51159668	349.40771 484375	452.05026 24511719	158.46231 07910156 2	0.0	25.945493 69812011 7	8.6106662 75024414	938.8	216.596	2392	2376	2391		2022-09- 11T09:14: 44	36.5	20220911-12
8488	reeling_ex change	156.79333 49609375	40.412906 64672851 6	5.6412634 84954834	0.0	0.0	2.0607800 48370361 3	361.11584 47265625	417.18334 9609375	180.19406 12792968 8	0.0	30.028936 3861084	9.9582567 21496582	310.42520 14160156	401.54086 30371094	140.77763 36669922	0.0	23.023166 65649414	7.6443271 63696289	938.8	211.942	2391	2378	2394	2022-09- 11T07:12: 56	2022-09- 11T08:13: 49	36.6	20220911-11
8487	reeling_ex change	137.54576 11083984 4	35.448051 45263672	4.9494099 61700439 5	0.0	0.0	1.8100470 30448913 6	316.50201 41601562 5	365.59799 19433594	157.91822 81494140 6	0.0	26.333124 1607666	8.7157640 45715332	272.27981 56738281	352.05337 52441406	123.47954 55932617 2	0.0		6.7347598 0758667	939.0	206.433	2362	2348	2358	2022-09- 11T06:12: 46	2022-09- 11T07:12: 56	37.1	20220911-10
8486	nw_sup_c hange																			930.4	206.181	0	2376	2388		2022-09- 11T07:12: 21	37.1	
8485	nw_inf_ch ange																			929.5	205.736	0	91	91		2022-09- 11T07:12: 14	36.9	
8484	reeling_ex change	118.58663 94042968 8	30.554206 84814453	4.2692198 75335693	0.0	0.0	1.5592854 02297973 6	272.60290 52734375	314.83874 51171875	135.99125 67138672	0.0	22.697433 47167968 8	7.5043611 52648926	234.88766 47949218 8	53027344	106.52466 58325195 3	0.0	2	5.8221855 16357422		211.73	2391	2376	2388	2022-09- 11T05:11: 50	2022-09- 11T06:12: 46	37.0	20220911-09
8483	reeling_ex change	99.337173 46191406	25.588317 87109375	3.5806303 02429199	0.0	0.0	1.3044736 38534546	228.43049 62158203	263.76010 13183594	113.93499 75585937 5	0.0	18.971246 71936035	6.2953286 17095947	196.77052 30712890 6	254.38258 36181640 6	89.226684 5703125	0.0	14.626296 04339599 6	4.8787770 27130127	940.0	211.561	2392	2383	2399	2022-09- 11T04:10: 59	2022-09- 11T05:11: 50	36.9	20220911-08
8482	reeling_ex change	80.426506 04248047	20.705327 9876709	2.9011311 53106689 5	0.0	0.0	1.0596935 74905395 5	183.72538 75732422	212.08074 95117187 5	91.605690 0024414	0.0	15.235308			205.03288 26904297			64300537	3.9341111 18316650 4	909.7	196.383	2254	2241	2252	2022-09- 11T03:13: 40	2022-09- 11T04:10: 59	37.1	20220911-07
8481	nw_inf_ch ange																			906.6	196.25	0	91	91	2022-09- 11T04:10:	2022-09- 11T04:10:	37.3	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8481	nw_inf_ch ange																			906.6	196.25	0	91	91	35	35	37.3	
8480	nw_sup_c hange																			905.2	196.852	0	112	113	2022-09- 11T04:10: 25	2022-09- 11T04:10: 25	36.7	
8479	reeling_ex change	61.764457 70263672	15.901238 44146728 5	2.2195565 70053100 6	0.0	0.0		142.39112 85400390 6		70.978073 12011719	0.0	11.767531 39495849 6	3.9352183 34197998	122.40284 72900390 6	158.31341 55273437 5	55.515243 53027344	0.0	9.1321353 91235352	3.0463285 44616699	184.1	6.52675	91	91	91	2022-09- 11T03:11: 12	2022-09- 11T03:13: 40	36.9	20220911-06
8478	reeling_ex change	61.347873 68774414	15.795754 43267822 3	2.2088093 75762939 5	0.0	0.0	0.8133414 98374939	140.37405 39550781 2	162.03074 64599609 4	69.967597 96142578	0.0	11.634179 11529541	3.8787412 64343261 7	120.85813 90380859 4	156.31353 75976562 5	54.813106 53686523 4	0.0	8.9948940 27709961	3.0166611 67144775 4	942.3	211.44	2391	2376	2388	2022-09- 11T02:10: 16	2022-09- 11T03:11: 12	37.2	20220911-05
8477	reeling_ex change	41.416702 27050781	10.675744 05670166	1.4931057 69157409 7	0.0	0.0	8	85498047	96069336			7.9526944 16046143	2.6365332 60345459	82.536201 47705078	106.79296 875	37.424762 72583008	0.0	6.1697382 92694092	2.0644209 38491821 3	938.8	210.083	2392	2379	2392	2022-09- 11T01:09: 23	2022-09- 11T02:10: 16	36.8	20220911-04
8476	reeling_ex change	22.536821 36535644 5	5.8221993 4463501	0.8066588 04416656 5	0.0	0.0	0.2997573 31609725 95	51.240726 47094726 6	59.173377 99072265 6	25.544364 92919922	0.0	4.2705435 75286865	1.4297031 16416931 2	44.389957 42797851 6	57.426013 9465332	20.132863 99841308 6	0.0	3.3266057 96813965	1.1081384 42039489 7	910.1	199.579	2256	2242	2251	2022-09- 11T00:12: 04	2022-09- 11T01:09: 23	36.7	20220911-03
8475	nw_sup_c hange																			905.7	197.86	0	112	113	2022-09- 11T01:08: 51	2022-09- 11T01:08: 51	36.6	
8474	nw_inf_ch ange																			904.3	197.609	0	2368	2381	2022-09- 11T01:08: 43	2022-09- 11T01:08: 43	36.8	
8473	reeling_ex change	4.1105623 24523926	1.0673727 98919677 7	0.1497869 04454231 26	0.0	0.0				42681885	0.0	6	5	73010332	10.793544 76928711	5		36104583	0.2097285 38990020 75	204.7	8.39684	113	112	113	02	11T00:12: 04	36.6	20220911-02
8472	=	75122070 3	1	54488182 07		0.0				3.6542682 64770508	0.0	0.6010334 49172973 6	0.2245873 80886077 88	6.2966065 40679932	8.1313591 00341797	2.8500952 72064209	0.0	29003906 25	0.1498146 05712890 62	941.4	212.871	2391	2375	2385	07	11T00:09: 02	37.2	20220911-01
8471	change	20330120	03007303			0.0				31132303	0.0	67578125	04248047	23046875	965.39947 50976562	67675781	0.0	65429687 5	20.566905 97534179 7		214.018	2392	2379	2390	16	10T23:08: 07	37.0	20220910-23
8470	reeling_ex change	392.83489 99023437 5	92.567077 63671875	15.583364 48669433 6	0.0	0.0	5.0498862 26654053	1071.4531 25	961.16931 15234375	469.56195 06835937 5	0.0	78.121688 84277344	25.896587 37182617 2	908.20373 53515625	915.85485 83984375	362.61761 47460937 5	0.0	59.507946 0144043	19.609663 00964355 5	936.8	211.046	2378	2361	2374	38	10T22:07: 16	36.8	20220910-22
8469	nw_inf_ch ange																			929.9	208.521	0	2365	2373	2022-09- 10T22:06: 40	2022-09- 10T22:06: 40	37.2	
8468	nw_sup_c hange																			929.9	209.979	0	2365	2373	2022-09- 10T22:06: 39	2022-09- 10T22:06: 39	36.7	
8467	reeling_ex change	373.29391 47949219	87.496795 65429688	14.885244 36950683 6	0.0	0.0	39312744	8125	46289062			74.525520 32470703					0.0	48608398 4	18.685054 77905273 4		212.871	2392	2368	2381	2022-09- 10T20:05: 53	2022-09- 10T21:06: 38	36.8	20220910-21
8466	reeling_ex change	354.49438 4765625	82.609046 93603516	14.220976 82952880 9	0.0	0.0				425.50531 00585937 5	0.0	70.805992 12646484	23.490913 39111328	832.02832 03125		328.06524 65820312 5	0.0	53.822097 77832031	17.740936 27929687 5	931.7	209.914	2391	2371	2382	2022-09- 10T19:05: 15	2022-09- 10T20:05: 53	37.1	20220910-20
8465	reeling_ex change	335.09155 2734375	77.574409 48486328	13.458868 98040771 5	0.0	0.0	4.2953972 81646728 5	938.51416 015625	807.81451 41601562	403.31924 43847656	0.0	67.069015 50292969	22.262512 20703125	793.71594 23828125	767.45037 84179688	310.68283 08105469	0.0	64990234	16.810529 70886230 5	944.8	218.284	2432	2410	2418	30	10T19:05: 15	37.0	20220910-19
8464	nw_sup_c hange																			935.7	216.704	0	2362	2372	38	10T19:04: 38	36.6	
8463	nw_sup_c hange																			935.7	216.704	0	2362	2372	38	10T19:04: 38	36.6	
8462	reeling_ex change	315.27801 51367187 5	72.457672 11914062	12.710848 80828857 4	0.0	0.0	4.0383949 27978516	05664062	02929688	92871094	0.0	63.332618 71337890 6						03/0410	6		211.662	2387	2365	2373	57	10T18:03: 30	37.1	20220910-18
8461	criarige	41013023	40020312			0.0	3	578125	56054688		0.0				666.40740 96679688				14.905632 97271728 5		214.873	2387	2368	2376	25	10T17:02: 57	36.5	20220910-17
8460	reeling_ex change	275.47152 70996094	62.233516 69311523 4	11.053585 05249023 4	0.0	0.0	3.5184578 89556884 8	801.14147 94921875	649.19891 35742188	334.83673 09570312 5	0.0	55.687511 4440918	18.474298 47717285	677.23950 1953125	616.38592 52929688	257.85675 04882812 5	0.0	42.281414 03198242	13.954480 17120361 3	943.6	216.2	2426	2399	2409	48	10T16:02: 25	37.2	20220910-16
8459	nw_sup_c hange																			939.6	214.4	0	2362	2372	2022-09- 10T16:01: 55	10T16:01:	36.5	
8458	nw_inf_ch ange																			938.8	213.186	0	2121	2130	2022-09- 10T16:01: 48	10T16:01:	36.7	
8457	reeling_ex change	256.05050 65917969	57.150173 18725586	10.241246 22344970	0.0	0.0	3.2660915 85159301	754.22698 97460938	595.05029 296875	311.44833 37402344	0.0	51.792591 0949707	17.199876 78527832	637.62878 41796875	565.05187 98828125	239.87890 625	0.0		12.983231 54449462	934.3	216.426	2387	2362	2372	2022-09- 10T14:00:	2022-09- 10T15:00:	36.8	20220910-15

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8457	change	256.05050 65917969	18725586	,	0.0	0.0	8	754.22698 97460938	595.05029 296875	311.44833 37402344	0.0	51.792591 0949707	17.199876 78527832	637.62878 41796875	565.05187 98828125	239.87890 625	0.0	4	9	934.3	216.426	2387	2362	2372	17	48	36.8	20220910-15
8456	reeling_ex change	237.10086 05957031 2	52.223236 08398437 5	9.4455060 9588623	0.0	0.0	3.0137472 15270996	707.94335 9375	541.64471 43554688	288.37719 7265625	0.0	47.958599 09057617	15.950798 98834228 5	598.75463 8671875	514.65924 07226562	222.24270 62988281 2	0.0	71240234	12.017406 46362304 7	937.4	213.945	2386	2363	2375	2022-09- 10T12:59: 45	2022-09- 10T14:00: 17	36.9	20220910-14
8455		217.31449 89013672				0.0	2.7554836 27319336	661.95581 0546875	488.60098 26660156	265.48080 44433594	0.0	44.194728 85131836	14.692934 03625488 3	560.02154 54101562	464.44842 52929687 5	204.66897 58300781 2	0.0	33.641269 68383789	11.078883 17108154 3	892.0	196.585	2175	2153	2162	2022-09- 10T12:04: 35	2022-09- 10T12:59: 45	36.9	20220910-13
8454	nw_inf_ch ange																			886.7	195.286	0	2338	2373		2022-09- 10T12:59: 07	37.3	
8453	nw_sup_c hange																			886.7	194.944	0	2338	2373	2022-09- 10T12:59: 06	2022-09- 10T12:59: 06	36.9	
8452	reeling_ex change	199.75340 27099609 4	42.512157 44018555	7.8864417 07611084	0.0	0.0	2.5283908 84399414	620.61163 33007812	440.86172 48535156	244.87348 93798828	0.0	40.783252 71606445	13.554779 05273437 5	524.19079 58984375	418.01278 68652344	188.42031 86035156 2	0.0	30.978021 6217041	10.201462 74566650 4	889.8	193.908	2140	2121	2130		2022-09- 10T12:04: 35	37.2	20220910-12
8451		182.12727 35595703				0.0	2.3031582 83233642 6	579.22723 38867188	393.08792 11425781	224.25238 03710937 5	0.0	37.388473 51074219						28.322765 35034179 7	9.3253993 98803711	893.8	195.592	2141	2134	2144	2022-09- 10T10:15:		37.3	20220910-11
8450		164.18370 05615234 4				0.0	2.0605351	538.14404	345.63647 4609375	203.79447	0.0		11 275905	453.25579 83398437	326.21136 47460937	156.27699 27978515 6		25.727355 95703125	8.4509496 68884277	526.3	65.0238	724	731	735	2022-09-		37.1	20220910-10
8449		155 82220				0.0	1.9513132 57217407	522.41247 55859375	327.47396 85058594	195.96165 46630859 4	0.0					150.01643 37158203	0.0	24.702932 35778808 6	8.1132574 0814209	158.6	3.77508	0	0	0	2022-09- 10T09:46: 18		10.0	
8448		154.50418 09082031 2				0.0				195.36296 08154297	0.0	32.606307 98339844						24 634702	8.0851116 18041992	109.1	0.701626	0	0	0	2022-09- 10T09:39: 53		3.8	
8447		145.65217 59033203				0.0				191.41465 75927734 4		31.950258 25500488 3						24.089586	7.9161629 67681885		0.786077	0	0	0	2022-09-		0.0	
8446		144 82638				0.0	1.8074976	512.00097		190.92768			40 500 440			4.40.00004		24.089586 25793457	7.9161629 67681885	947.1	202.388	2328	2282	2316	2022-09- 10T07:38:		37.1	20220910-09
8445	state_start	145.37878		5.6681737		0.0	1.8159945 01113891	513.29742 43164062	316.94116 2109375	191.41465 75927734	0.0	31.950258 25500488					0.0		7.9161629 67681885	111.2	0.611393	0	0	0	2022-09- 10T08:38:		4.9	
8444	nw_inf_ch ange									•		3								952.6	202.475	0	2331	2372	2022-09-		37.4	
8443	nw_sup_c hange																			947.1	202.388	0	2331	2372	2022-09-		37.7	
8442	reeling_ex change	128.73094 17724609 4	25.228921 89025879	5.0983419 41833496	0.0	0.0	1.6095519 06585693	454.47012 32910156	280.60574 34082031	169.45755 00488281 2	0.0	28.273775 10070800 8	9.3783264 16015625	382.29306 03027344	264.19732 66601562	129.72882 08007812	0.0	21.366348 26660156	7.0100460 05249023	960.8	208.227	2385	2338	2373	2022-09-		37.1	20220910-08
8441	reeling_ex change	111.52986 90795898	21.853862 76245117 2	4.4082345 96252441	0.0	0.0	1.3921812	204 44404		447.07740		24.536859 5123291	8.1407957 07702637	331.88592 52929687	229.38565 06347656	112.63487 24365234	0.0	18.559089	6.0702676 77307129	963.4	206.927	2387	2343	2378	2022-09-		37.1	20220910-07
8440		94.783363 34228516				0.0				125.14937 59155273	0.0	20.873023 98681640 6						15.742111 20605468	5.1561779 97589111	945.8	206.534	2392	2340	2383	2022-09-		37.5	20220910-06
8439	nw_sup_c hange		4	4			Ü			4		U			2			o		941.4	204.074	0	2341	2373	2022-09-		37.4	
8438	nw_inf_ch ange																			941.0	203.734	0	2341	2373	2022-09-		37.6	
8437	reeling_ex change	77.062088 01269531	15.135943 41278076	3.0408794 87991333	0.0	0.0	0.9611257 31468200 7	276.20486 45019531	170.50016 78466797	102.95977 78320312	0.0	17.147211 0748291	5.6990599 63226318	231.20788 57421875	159.88540 64941406 2	78.466384 88769531	0.0	12.936111 45019531 2	4.2370657 9208374	959.0	208.772	2385	2331	2372	2022-09- 10T03:38:		37.7	20220910-05
8436		60.577373 50463867				0.0				80.737113 95263672	0.0	13.413280 48706054	4.4795613 28887939	181.45370 48339843	125.52247 61962890	61.570343 01757812 5	0.0	10.193029 40368652 3		967.4	209.318	2385	2339	2374	2022-09- 10T02:38:		37.5	20220910-04
8435		42.283164 97802734 4				0.0	0.5250974	156.62165		58.408828		9.6681909 56115723					0.0	7.3819217 68188477	2.3980045 31860351	949.3	202.727	2330	2284	2318	2022-09- 10T01:39:		37.2	20220910-03
8434	nw_sup_c hange	7		J															J	942.3	199.913	0	2341	2373	2022-09- 10T02:37:		37.4	
8433	nw_inf_ch ange																			941.4	199.754	0	2340	2372			37.7	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
8433	nw_inf_ch ange																			941.4	199.754	0	2340	2372	46	46	37.7	
8432	reeling_ex change	26.258928 29895019 5	5.2327213 28735352	1.0256129 50325012 2	0.0	0.0				36.673717 4987793 0		6.1114573 47869873	2.0396976 47094726 6	82.101455 68847656	56.794723 51074219	27.850463 8671875	0.0	4.5799870 49102783	1.4888012 40921020 5	955.0	204.201	2385	2341	2373	2022-09- 10T00:39: 40	2022-09- 10T01:39: 44	37.8	20220910-02
8431	reeling_ex change	78399658	2.0562479 49600219 7	83339309	0.0	0.0	0.1226771 69740200 04	39.149742 12646484 4	24.171360 01586914	14.594920 15838623	0.0	2.4289274 21569824	0.8242198 82488250 7	33.183071 13647461	22.964105 6060791	11.253621 10137939 5	0.0		0.5881216 52603149 4	953.7	203.824	2385	2346	2375	2022-09- 09T23:39: 36	2022-09- 10T00:39: 40	37.6	20220910-01
8430	reeling_ex change	424.43182 37304687 5	83.640647 8881836	16.348909 37805175 8	0.0	0.0	5.2917609	1380.2055		515.07055		85.574470 52001953	28.238399 50561523 4	1167.7087 40234375	808.48718 26171875	396.26568 60351562 5	0.0	64.958015 44189453	21.475326 53808593 8	957.3	202.483	2386	2342	2374	2022-09- 09T22:39: 31	2022-09- 09T23:39: 36	37.1	20220909-24
8429	nw_sup_c hange																			953.3	201.562	0	2340	2372	2022-09- 09T23:39: 07	2022-09- 09T23:39: 07	37.5	
8428	nw_inf_ch ange																			951.9	200.592	0	2342	2373	2022-09- 09T23:38: 59	2022-09- 09T23:38: 59	37.7	
8427	reeling_ex change	408.45645 14160156	80.445899 9633789	15.721343 99414062 5	0.0	0.0	5.0905146 59881592	1322.6450 1953125	816.35455 32226562	493.59887 6953125 0	0.0	81.966873 16894531	27.063501 35803222 7	1118.5269 77539062 5	774.45709 22851562	379.58352 66113281	0.0	62.226631 16455078	20.579870 22399902 3	955.0	202.566	2385	2340	2372	2022-09- 09T21:39: 27	2022-09- 09T22:39: 31	37.2	20220909-23
8426	reeling_ex change	391.07263 18359375	77.056495 6665039	15.033399 58190918	0.0	0.0	4.8814430 23681641	1264.6979 98046875	780.55499 26757812	471.97845 45898437 0 5	0.0			1069.1756 59179687 5				59.425292 96875	19.680335 99853515 6	956.8	202.23	2385	2347	2376	2022-09- 09T20:39: 26	2022-09- 09T21:39: 27	37.0	20220909-22
8425	reeling_ex change	374.38208 0078125	73.799942 01660156	14.398117 06542968 8	0.0	0.0	4.6749253 27301025	1205.9130 859375	744.22753 90625	450.03631 59179687 0 5	0.0			1019.8635 86425781 2				56.695396 42333984 4	18.776306 15234375	957.7	202.91	2371	2327	2359	2022-09- 09T19:39: 41	2022-09- 09T20:39: 26	37.7	20220909-21
8424	nw_sup_c hange																			954.2	201.268	0	2342	2373	2022-09- 09T20:38: 56	2022-09- 09T20:38: 56	37.1	
8423	nw_inf_ch ange																			952.9	199.226	0	2336	2372	2022-09- 09T20:38: 47	2022-09- 09T20:38: 47	37.7	
8422	reeling_ex change	356.60031 12792969	70.381805 41992188	13.715167 04559326 2	0.0	0.0			708.18572 99804688		0.0	71.110702 51464844	23.480716 70532226 6	970.65655 51757812	672.10858 15429688	329.43807 98339844	0.0	53.972507 47680664	17.871753 69262695 3	960.3	201.853	2385	2342	2373	2022-09- 09T18:39: 37	2022-09- 09T19:39: 41	37.6	20220909-20
8421	reeling_ex change	340.82687 37792969	67.309234 61914062	13.107593 53637695 3	0.0	0.0	4.2511339 18762207	1089.3071 2890625	672.16027 83203125	406.49127 19726562 0 5	0.0	67.490562 43896484	22.273534 77478027 3	921.63531 49414062	638.18371 58203125	312.81457 51953125	0.0	51.181686 40136719	16.967880 24902343 8	960.3	204.579	2385	2347	2380	2022-09- 09T17:39: 35	2022-09- 09T18:39: 37	37.6	20220909-19
8420	reeling_ex change	322.39825 43945312 5	63.759319 30541992	12.386953 35388183 6	0.0	0.0	4.0227322 57843018	1031.0340 57617187 5	636.13372 80273438	384.72128 29589844 0	0.0	63.875953 67431640 6	21.095539 09301757 8	872.38696 2890625	604.07537 84179688	296.11108 3984375	0.0	48.461292 2668457	16.062471 38977050 8	948.9	201.198	2370	2321	2359	2022-09- 09T16:39: 52	2022-09- 09T17:39: 35	37.8	20220909-18
8419	nw_sup_c hange																			945.4	199.66	0	2336	2372	2022-09- 09T17:39: 09	2022-09- 09T17:39: 09	37.2	
8418	nw_inf_ch ange																			944.5	199.477	0	2329	2371		2022-09- 09T17:39	37.8	
8417	reeling_ex change	305.64419 55566406	60.543083 19091797	11.740797 99652099 6	0.0	0.0	3.8130979 53796386 7	973.38226 31835938	600.46990 96679688	363.17074 58496094 0	0.0			823.34179 6875				53369140 6	15.151311 87438964 8	952.9	202.23	2385	2336	2372	2022-09- 09T15:39: 48	2022-09- 09T16:39: 52	37.2	20220909-17
8416	change	92382812 5	15405273 4	11.040374 75585937 5	0.0	0.0	3.5838499 06921386 7	915.22033 69140625	564.48291 015625	341.45651 24511719 0	1.0	56.659271 24023437 5	18.712692 26074218 8	774.54943 84765625	536.31970 21484375	262.94235 22949219	0.0	43.039951 32446289	14.261887 55035400 4	957.4	205.756	2385	2345	2378	2022-09- 09T14:39: 45	2022-09- 09T15:39: 48	37.2	20220909-16
8415	reeling_ex change	271.12493 89648437 5	53.828689 57519531	10.407422 06573486 3	0.0	0.0	3.3771450 51956176 8	857.13970 94726562	528.56024 16992188	319.75091 55273437 0 5	0.0	53.065547 94311523 4	17.527856 82678222 7	725.45434 5703125	502.31146 24023437 5	246.28921 50878906 2	0.0		13.367359 16137695 3	958.6	202.632	2404	2352	2390	2022-09- 09T13:39: 10	2022-09- 09T14:39: 45	37.2	20220909-15
8414	nw_sup_c hange																			953.7	203.688	0	2326	2369	2022-09- 09T14:39: 09	2022-09- 09T14:39: 09	37.8	
8413	nw_sup_c hange																			953.7	203.688	0	2326	2369	2022-09- 09T14:39: 09	2022-09- 09T14:39: 09	37.8	
8412				9.7006244 65942383		0.0	3.1490225 79193115 2	798.53186 03515625	492.33682 25097656	297.84460 44921875	1.0	49.422599 79248047	16.315204 62036132 8	675.47070 3125	467.64367 67578125	229.32902 52685547	0.0		12.439103 12652587 9	977.1	201.307	2386	2329	2371	09T12:39:	2022-09- 09T13:39: 10	37.0	20220909-14
8411				9.0187416 07666016		0.0	2.9312067 03186035	740.16625 9765625	456.33581 54296875	276.06213 37890625	0.0	45.843368 53027344	15.128817 55828857 4	626.21215 8203125	433.51849 36523437 5	212.61462 40234375	0.0	34.819328 30810547	11.532515 52581787 1	980.8	206.092	2386	2331	2374	2022-09- 09T11:39: 04	2022-09- 09T12:39: 06	37.4	20220909-13
8410				8.3315143 58520508		0.0	2.7117025 85220337	681.64489 74609375	420.25436 40136719	254.23475 64697265 0	0.0	42.258941 65039062 5	13.944274 90234375	576.55987 54882812	399.11157 2265625	195.75691 22314453	0.0	32.098182 67822265	10.617236 13739013 7		206.831	2410	2351	2394	2022-09- 09T10:38: 21	2022-09- 09T11:39: 04	37.1	20220909-12
8409	nw_sup_c hange																			958.1	205.378	0	2326	2369	2022-09- 09T11:38: 26	2022-09- 09T11:38: 26	37.1	

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8408	nw_sup_c hange																			958.1	205.378	0	2326	2369		2022-09- 09T11:38: 26	37.1	
8407	reeling_ex change	199.02345 27587890 6	39.545383 45336914	7.6322641 37268066	0.0	0.0			383.82919 31152344		1.0	44024213	7		5	2		29.310182 57141113 3	9.7001733 77990723	963.8	203.656	2385	2326	2369		2022-09- 09T10:38: 21	37.8	20220909-11
8406	reeling_ex change	181.23121 64306640 6	36.039443 96972656	6.9577059 74578857	0.0	0.0				210.41908 26416015 0 6		34.951225 28076172						55859375	2166748	966.5	204.746	2385	2334	2374	2022-09- 09T08:38: 15	2022-09- 09T09:38: 17	37.1	20220909-10
8405	reeling_ex change	162.08027 64892578	32.261585 2355957	6.2229466 43829346	0.0	0.0	2.0254423 61831665	505.61834 71679687 5	311.73904 41894531	188.59759 52148437 0 5	0.0	31.350400 92468261 7	10.347994 80438232 4	427.27340 69824219	295.87338 25683594	145.08906 55517578	0.0	23.811069 48852539	7.8449769 02008057	951.9	202.137	2352	2294	2336	2022-09- 09T07:39	2022-09- 09T08:38: 15	37.7	20220909-09
8404	nw_sup_c hange																			948.0	199.626	0	2326	2369	2022-09- 09T08:37: 46	2022-09- 09T08:37: 46	37.1	
8403	nw_inf_ch ange																			947.1	199.726	0	2326	2373	2022-09- 09T08:37: 38	2022-09- 09T08:37: 38	37.4	
8402		4				0.0	7	020120	5	166.80320 73974609 0 4		27.745738 98315429 7							00249312		205.292	2385	2326	2369	2022-09- 09T06:38: 57	2022-09- 09T07:39		20220909-08
8401	reeling_ex change	126.11582 18383789	25.106832 50427246	4.8317770 95794678	0.0	0.0				144.97900 390625 0		24.119909 28649902 3	09906006	21582031	68798828	5/8125		18.400810 24169922	6.0718379 02069092	963.4	204.497	2385	2335	2373	53	09T06:38: 57	37.3	20220909-07
8400	reeling_ex change	106.88706 20727539	21.286045 07446289	4.0884881 01959228 5	0.0	0.0	1.3253449 20158386 2	329.90328 97949219	203.42359 92431640 6	123.07471 46606445 0 3	0.0	20.460765 83862304 7	6.7517323 49395752	280.02380 37109375	193.92376 70898437 5	95.078048 70605469	0.0	15.590088 84429931 6	5.1289958 95385742	967.8	203.316	2382	2327	2370		2022-09- 09T05:38: 53	37.3	20220909-06
8399	nw_sup_c hange																			963.0	200.587	0	2332	2373	17	09T05:38: 17	37.6	
8398	nw_sup_c hange																			963.0	200.587	0	2332	2373	09T05:38: 17	2022-09- 09T05:38: 17	37.6	
8397	change	88.589797 97363281	3/4/3300	3		0.0		5	5	8				230.42892 45605468 8				1	34368896 5		207.56	2385	2326	2373	49	09T04:38: 53	37.6	20220909-05
8396	change	70.237770 0805664	23840332	63204956		0.0				79.700660 7055664 0			-	-	•			10.103739 73846435 5			205.924	2385	2334	2374	09T02:38: 46	2022-09- 09T03:38: 49	37.1	20220909-04
8395	reeling_ex change	51.059410 09521484 4	10.184506 4163208	1.9545528 88870239 3	0.0	0.0	0.6332755 08880615 2	154.93974 30419922	95.584487 91503906	57.847373 96240234 0 4	0.0	9.6361341 47644043	3.1703257 56072998	131.04833 984375	90.806579 58984375	44.510154 72412109 4	0.0	7.3211021 42333984	2.4178621 76895141 6	955.5	198.915	2354	2297	2342	27	09T02:38: 46	37.1	20220909-03
8394	nw_sup_c hange																			950.2	198.293	0	2332	2370	09T02:38: 06	2022-09- 09T02:38: 06	37.6	
8393	nw_sup_c hange																			950.2	198.293	0	2332	2370	06	09T02:38: 06	37.6	
8392		31.974153 51867675 8				0.0	55	9/314453	40142578			Ü	•	82.770454 40673828				4.6400780 67779541	3	964.3	204.746	2385	2332	2373	09T00:39: 22	2022-09- 09T01:39: 27	37.6	20220909-02
8391		13.557003 97491455				0.0				14.546429 63409423 0 8	0.0	2.3995501 99508667	0.7796917 55771637	32.973644 2565918	22.858421 32568359 4	11.204486 84692382 8	0.0	7	88526916 5	965.6	201.557	2385	2339	2374	20	09T00:39: 22	37.2	20220909-01
8390	reeling_ex change	426.10058 59375	84.542030 33447266	16.390476 22680664	0.0	0.0	5.2956156 73065185 5		800.43743 89648438	484.25936 88964844 0	0.0			1100.2253 41796875			0.0	67041015	20.314682 00683593 8	957.3	204.497	2386	2323	2368	08T22:39: 14	2022-09- 08T23:39: 20	37.7	20220908-24
8389	nw_sup_c hange																			952.4	203.386	0	2337	2375	46	08T23:38: 46	37.7	
8388	nw_sup_c hange																			952.4	203.386	0	2337	2375	46	08T23:38: 46	37.7	
8387		406.95129 39453125				0.0	5.0583705 90209961	1237.7298 58398437 5	764.00445 55664062	462.21475 21972656 0		76.913330 078125						25854492	3		204.201	2386	2332	2370	09	08T22:39: 14	37.5	20220908-23
8386	change	387.88195 80078125	00001302	49009375		0.0				440.37667 84667969 0		73.295936 58447266	24.278867 72155761 7	1000.8536 37695312 5	693.39373 77929688	339.71676 63574219	0.0	55.775657 65380859 4		970.9	207.64	2385	2341	2377	08T20:39: 07	2022-09- 08T21:39: 09	37.2	20220908-22
8385	reeling_ex change	367.19152 83203125	72.835067 74902344	14.150805 47332763 7	0.0	0.0	4.5616927 14691162	1121.4704 58984375	692.23492 43164062	418.77484 13085937 0 5	0.0	69.680427 55126953	23.084878 92150879	952.03686 5234375	659.56756 59179688	323.14367 67578125	0.0	72900390	17.572826 38549804 7	948.4	206.065	2367	2320	2357	2022-09- 08T19:39: 30	2022-09- 08T20:39: 07	37.1	20220908-21

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8384	nw_sup_c hange																			944.9	205.477	0	2337	2375		2022-09- 08T20:38: 39	37.2	
8383	nw_inf_ch ange																			943.6	205.428	0	2335	2373		2022-09- 08T20:38: 31	37.5	
8382	change	3230073	47007422			0.0	4.3288660 04943848	1064.4079 58984375	657.00939 94140625	397.44854 73632812 (5	0.0	66.153182 98339844	21.910619 73571777 3	903.26611 328125	625.78265 38085938	306.57864 37988281	0.0	50.314266 20483398 4	16.651969 90966797	952.4	208.449	2385	2337	2375		2022-09- 08T19:39: 30	37.6	20220908-20
8381	reeling_ex change	328.19473 26660156	65.159843 44482422	12.676437 37792968 8	0.0	0.0	4.0788550 37689209					62.590137 48168945	20.740409 85107422	854.24133 30078125	591.82159 42382812	289.94259 64355469	0.0		15.763997 07794189 5	951.5	209.003	2385	2344	2378		2022-09- 08T18:39: 26	37.1	20220908-19
8380	reeling_ex change	308.52627 56347656	61.260185 24169922	11.925045 01342773 4	0.0	0.0	3.8385653 49578857 4	949.15759 27734375	585.83947 75390625	354.38580 32226562 0 5	0.0	59.002624 51171875	19.534357 07092285	805.28375 24414062	557.94006 34765625	273.35000 61035156	0.0	44.798564 91088867	14.849392 89093017 6	959.0	207.196	2378	2329	2366		2022-09- 08T17:39: 24	37.1	20220908-18
8379	nw_sup_c hange																			955.0	205.524	0	2335	2373		2022-09- 08T17:38: 54	37.5	
8378	nw_inf_ch ange																			953.7	206.515	0	2267	2303		2022-09- 08T17:38: 46	37.4	
8377		20507812 5	6	97894287 1		0.0	3.5966792 10662842	891.79095 45898438	550.39031 98242188	332.95162 96386719	0.0	55.476902 00805664	18.344392 77648925 8	756.69836 42578125	524.29339 59960938	256.86883 54492187 5	0.0	5637207	13.962252 61688232 4	962.6	209.645	2385	2335	2373		2022-09- 08T16:39: 29	37.6	20220908-17
8376	reeling_ex change	269.14050 29296875	53.439735 41259765 6	10.414163 58947753 9	0.0	0.0	3.3469026 0887146	834.35388 18359375	514.89678 95507812	311.49777 22167969	0.0	51.893589 01977539	17.176836 01379394 5	707.89031 98242188	490.52465 8203125	240.30319 21386718 8	0.0	37001320	8		208.707	2385	2344	2377		2022-09- 08T15:39: 25	37.2	20220908-16
8375	reeling_ex change	249.46919 25048828	49.541790 00854492	9.6715326 3092041	0.0	0.0	3.1055335 99853515 6	776.49273 68164062	479.14874 26757812 5	289.89416 50390625	0.0	48.266555 78613281	16.005580 90209961	658.82849 12109375	456.53683 47167969	223.66706 84814453	0.0	36.658454 89501953	12.154281 61621093 8	957.7	209.29	2381	2332	2369		2022-09- 08T14:39: 22	37.5	20220908-15
8374	nw_sup_c hange																			952.9	206.233	0	2150	2184	2022-09- 08T14:38: 45	2022-09- 08T14:38: 45	37.3	
8373	nw_sup_c hange																			952.9	206.233	0	2150	2184	2022-09- 08T14:38: 45	2022-09- 08T14:38: 45	37.3	
8372				8.9279613 49487305		0.0	2.8671145 43914795					44.714916 22924805							11.238430 02319336	949.4	201.446	2316	2267	2303		2022-09- 08T13:39: 23	37.4	20220908-14
8371	change	87548828	10003900			0.0	2.6215281 48651123					41.273284 91210937 5					0.0	03979492 2	10.354439 73541259 8		200.449	2316	2280	2310		2022-09- 08T12:41: 02	37.4	20220908-13
8370				7.4703021 04949951		0.0	2.3878028 39279175					6	2		99121094	8		28.585689 54467773 4	9.5012922 2869873	336.8	17.9356	235	233	237	2022-09- 08T10:43: 58	2022-09- 08T11:42: 51	37.6	20220908-12
8369	reeling_ex change	181.45208 74023437 5	36.067604 06494140 6	7.0566735 26763916	0.0	0.0	2.2628366 94717407 2	586.47314 453125	361.86050 41503906	218.92593 38378906 2	0.0	36.449752 80761719	12.094077 11029052 7	495.73080 44433594	343.60760 49804687 5	168.31147 76611328	0.0	27.603851 31835937 5	9.1598196 02966309	921.6	192.03	2189	2150	2184		2022-09- 08T10:43: 58	37.5	20220908-11
8368	nw_inf_ch ange																			1200.0	192.094	0	2327	2373		2022-09- 08T10:44: 27	37.7	
8367	nw_inf_ch ange																			1200.0	192.094	0	2327	2373		2022-09- 08T10:44: 27	37.7	
8366	reeling_ex change	163.57629 39453125	32.524059 2956543	6.3727984 42840576	0.0	0.0	2.0385296 34475708	532.38488 76953125	328.47952 27050781	198.73577 88085937 (5	0.0	33.079048 15673828						25.031923 29406738 3	8.3041791 91589355	927.4	188.304	2175	2131	2164		2022-09- 08T09:48: 49	37.6	20220908-10
8365				5.6765956 87866211		0.0	7	5	00437031			29.750740 05126953	9.8742046 35620117	405.05627 44140625	280.78009 03320312 5	137.54750 06103515 6	0.0	22.530883 7890625	7.4762887 95471191	469.9	44.0354	537	519	526		2022-09- 08T08:54: 10	37.7	20220908-09
8364				5.3458900 45166016		0.0	1.7135959 86366272					0904341	21390920		5	8			7.2197623 25286865		194.052	2215	2172	2204	2022-09- 08T06:58: 08	2022-09- 08T07:53: 54	37.2	20220908-08
8363	reeling_ex change	121.75611 11450195 3	24.247787 47558593 8	4.7286639 21356201	0.0	0.0	1.5141439 43786621	406.91998 29101562 5	251.00422 66845703	151.88552 85644531 (2	0.0	25.284629 82177734 4	8.4185295 10498047	343.78381 34765625	238.31951 90429687 5	116.73954 77294921 9	0.0	19.098627 0904541	6.3632502 55584717	948.4	206.409	2381	2323	2369	2022-09- 08T05:58: 09	2022-09- 08T06:58: 08	37.1	20220908-07
8362	nw_sup_c hange																			944.0	204.022	0	2328	2374		2022-09- 08T06:57: 32	37.3	
8361	nw_sup_c hange																			944.0	204.022	0	2328	2374		2022-09- 08T06:57: 32	37.3	

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	В4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8360	reeling_ex change	105.41147 61352539	21.003110 88562011 7	4.0856771 46911621	0.0	0.0	1.3116408 58650207 5	348.18420 41015625	214.75047 30224609 4	129.94061 27929687 5	0.0	21.673263 54980468 8	7.2074570 65582275	294.98001 09863281	204.51054 38232422	100.15363 31176757 8	0.0	2	96582031	955.0	204.665	2386	2327	2373		2022-09- 08T05:58: 09	37.8	20220908-06
8359	reeling_ex change	88.027770 99609375	17.543638 22937011 7	3.4147996 90246582	0.0	0.0	1.0994876 62315368 7	289.94900 51269531	178.82328 79638672	108.19734 19189453 1	0.0	18.066213 60778808 6	5.9993252 75421143	245.51248 16894531 2	170.25915 52734375	83.366905 21240234	0.0	13.622610 09216308 6	4.5205507 27844238	957.5	204.497	2386	2332	2375	2022-09- 08T03:58	2022-09- 08T04:58: 04	37.5	20220908-05
8358	reeling_ex change	70.484657 28759766	14.051044 46411132 8	2.7453458 30917358 4	0.0	0.0	0.8808425 06885528 6	232.04801 94091797	143.09028 62548828	86.603294 3725586	0.0	14.466375 35095214 8	4.7881660 46142578	196.05120 84960937 5	136.00985 71777343 8	66.559242 24853516	0.0		3.5956618 78585815 4	949.3	203.994	2371	2314	2359	2022-09- 08T02:58: 13	2022-09- 08T03:58	37.7	20220908-04
8357	nw_sup_c hange																			944.0	202.611	0	2332	2370		2022-09- 08T03:57: 24	37.5	
8356	nw_sup_c hange																			944.0	202.611	0	2332	2370	2022-09- 08T03:57: 24	2022-09- 08T03:57: 24	37.5	
8355		53.192855 83496094				0.0	0.6605700 85048675 5					10.855665 20690918	3.6118264 19830322 3	147.07421 875	102.11017 60864257 8	49.952049 25537109 4	0.0		2.7251288 89083862 3	954.2	205.459	2387	2328	2374		2022-09- 08T02:58: 13	37.1	20220908-03
8354		35.719722 74780273 4				0.0	0.4468326 27058029 2					02000091	30034039	30300701	67.746368 40820312	5		5.4148025 51269531	1.7948352 09846496 6	958.1	206.592	2386	2333	2374		2022-09- 08T01:58: 08	37.7	20220908-02
8353	reeling_ex change	17.704086 30371093 8	3.5324141 97921753	0.6818730 23509979 2	0.0	0.0	0.2165887 35580444 34	57.536540 98510742	35.469444 27490234 4	21.496629 71496582	0.0	3.5513653 75518799	1.2094407 08160400 4	48.571353 91235351 6	33.735729 2175293	16.483314 51416015 6	0.0	2.7046580 31463623	0.9167053 10344696	951.1	208.251	2422	2363	2409		2022-09- 08T00:58: 03	37.2	20220908-01
8352	nw_sup_c hange																			946.7	207.232	0	2284	2320		2022-09- 08T00:57: 32	37.3	
8351	nw_inf_ch ange																			946.7	207.063	0	2284	2320		2022-09- 08T00:57: 31	37.0	
8350	change	553.74035 64453125	04101302	3		0.0	30303955	90234375	1167.6933 59375	7578125		80834961	57080078	5		5		10002001	25.034126 28173828		206.592	2386	2332	2370		2022-09- 07T23:57: 04	37.2	20220907-30
8349	onango	534.84729 00390625	12.2.0.	6		0.0			1131.9161 37695312 5			54101562	78540039	90625	1037.8681 640625	82910136	0.0	9140025		946.7	204.579	2387	2336	2373	2022-09- 07T21:56: 53	2022-09- 07T22:56: 57	37.1	20220907-29
8348	reeling_ex change	516.71948 2421875	72.481483 45947266	18.872781 75354004	0.0	0.0	6.1239056 58721924	1367.4459 22851562 5	1096.0681 15234375	601.67382 8125	0.0	95.980613 7084961	31.700555 8013916	1121.7062 98828125	1003.5646 97265625	446.29351 80664062 5	0.0	70.239166 25976562	23.214162 82653808 6	918.0	188.597	2193	2144	2178		2022-09- 07T21:56: 53	37.8	20220907-28
8347	nw_sup_c hange																			914.5	187.272	0	2284	2320		2022-09- 07T21:56: 28	37.8	
8346	nw_inf_ch ange																			913.2	186.924	0	2338	2373		2022-09- 07T21:56: 21	37.8	
8345	change	498.87405 39550781	0000004	4		0.0			1062.6166 9921875						971.96142 578125			00014219	22.376377 10571289		200.41	2337	2284	2320		2022-09- 07T21:01: 38	37.0	20220907-27
8344	reeling_ex change	480.59783 93554687 5				0.0	5.6740765 57159424								938.82299 8046875			24000203	21.489223 48022461		201.031	2336	2293	2333	07T19:04: 07	2022-09- 07T20:02: 49	37.1	20220907-26
8343		09179687 5	94702148 4		0.0	0.0	55194092	/18/5	992.31420 8984375	94140625					905.11163 33007812			31301030	20.590250 01525879		9.79938	132	130	133		2022-09- 07T19:04: 07	37.7	20220907-25
8342	reeling_ex change	460.19082 64160156	61.523624 42016601 6	16.692276 00097656 2	0.0	0.0	5.4203295 70770264	1195.7187 5	990.16430 6640625	537.56512 45117188	0.0	85.283233 64257812	28.174331 66503906 2	977.55169 67773438	903.38989 2578125	397.29687 5	0.0	62.158283 23364258	20.562417 98400879	942.3	204.255	2390	2338	2374		2022-09- 07T19:00: 42	37.6	20220907-24
8341	nw_sup_c hange																			939.2	203.879	0	2338	2373	07T19:00: 17	2022-09- 07T19:00: 17	37.7	
8340	nw_inf_ch ange																			938.3	202.195	0	2334	2370	07T19:00: 10		37.7	
8339		440.28018 18847656				0.0	5.1710052 49023437 5					81.562309 26513672	26.951002 12097168	928.02850 34179688	869.01214 59960938	380.48760 98632812 5	0.0		19.646497 72644043		203.365	2387	2338	2373	07T17:00: 22		37.7	20220907-23
8338	change	421.09741 2109375	030023	3		0.0			918.03253 17382812			77.959861 7553711						02104492	18.728263 85498047		203.91	2386	2347	2376	07T16:00: 18		37.3	20220907-22
8337	reeling_ex change	401.26864 62402344	50.032325 74462890 6	14.399366 37878418	0.0	0.0	4.6880240 44036865	1019.2626 34277343 8	881.35253 90625	471.71182 25097656	0.0	74.239898 68164062	24.529003 14331054 7	829.40240 47851562	800.55487 06054688	346.97912 59765625	0.0	53.896739 9597168	17.827613 83056640 6	954.2	206.476	2403	2350	2387	07T14:59:	2022-09- 07T16:00: 18	37.6	20220907-21

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8336	nw_sup_c hange																			949.3	204.603	0	2333	2377	2022-09- 07T15:59: 42	2022-09- 07T15:59: 42	37.1	
8335	nw_sup_c hange																			949.3	204.603	0	2333	2377		2022-09- 07T15:59: 42	37.1	
8334	reeling_ex change	380.73291 015625	46.009681 70166015 6	13.605486 86981201 2	0.0	0.0	4.4283666 61071777	960.50225 83007812	845.12200 92773438	449.80123 90136719	0.0	70.578414 91699219	23.323547 36328125	779.93084 71679688	766.27014 16015625	330.20227 05078125	0.0	51.190998 07739258	16.920585 63232422	951.1	205.124	2386	2334	2370	2022-09- 07T13:59: 40	2022-09- 07T14:59: 46	37.6	20220907-20
8333	reeling_ex change	361.48025 51269531	42.179229 73632812 5	12.867053 03192138 7	0.0	0.0				427.61587 52441406		66.858802 79541016	22.110149 38354492 2	730.72827 1484375	732.14404 296875	313.49157 71484375	0.0		16.011772 15576172	952.4	205.292	2387	2340	2375		2022-09- 07T13:59: 40	37.7	20220907-19
8332	reeling_ex change	340.58023 07128906	38.026863 09814453	12.064762 11547851 6	0.0	0.0	3.9365248 68011474 6	841.80413 81835938	771.87255 859375	405.48983 76464844	0.0	63.192867 27905273 4	20.919885 63537597 7	681.77349 85351562	698.20520 01953125	296.87838 74511719	0.0	45.682792 66357422	15.105064 39208984 4	956.8	204.984	2395	2342	2384	2022-09- 07T11:59: 15	2022-09- 07T12:59: 37	37.7	20220907-18
8331	nw_sup_c hange																			947.6	202.073	0	2628	2673	2022-09- 07T12:58: 59	2022-09- 07T12:58: 59	37.3	
8330	nw_sup_c hange																			947.6	202.073	0	2628	2673		2022-09- 07T12:58: 59	37.3	
8329	reeling_ex change	321.55789 18457031	34.227642 05932617	11.318794 25048828 1	0.0	0.0	3.6975657 93991089	782.27691 65039062	735.16821 2890625	383.27850 34179687 5	0.0	59.469654 08325195	19.708196 64001465	631.82604 98046875	663.53942 87109375	279.90512 08496094	0.0	86499023 4	14.196682 92999267 6	954.6	204.411	2387	2333	2377	2022-09- 07T10:59: 10	2022-09- 07T11:59: 15	37.3	20220907-17
8328		31835937 5	,	11212158 2		0.0	3.4430503 84521484 4	723.75823 97460938	699.06268 31054688	361.42819 21386719	0.0	55.819023 13232422	18.489553 45153808 6	582.77246 09375	629.53051 7578125	263.25729 37011719	0.0	40.133274 07836914	13.282763 48114013 7	959.9	201.56	2386	2339	2382	2022-09- 07T09:59: 04	2022-09- 07T10:59: 10	37.4	20220907-16
8327	reeling_ex change	281.16613 76953125	26.249006 27136230 5	9.7577075 95825195	0.0	0.0	3.1902184 48638916	665.28833 0078125	662.99450 68359375	339.61709 59472656	0.0	52.169853 21044922	17.298055 64880371	533.36993 40820312	595.30364 99023438	246.49320 98388672	0.0	37.360675 81176758	12.368275 64239502	1037.0	244.001	2879	2817	2865	2022-09- 07T08:46: 32	2022-09- 07T09:59: 04	37.6	20220907-15
8326	nw_sup_c hange																			1032.6	242.236	0	2628	2673	2022-09- 07T09:58: 28	2022-09- 07T09:58: 28	37.1	
8325	nw_inf_ch ange																			1031.3	241.723	0	2628	2673	2022-09- 07T09:58: 20	2022-09- 07T09:58: 20	37.1	
8324	change	257.76333 61816406	92138072	27246094		0.0				313.68438 72070312 5		47.826114 65454101 6	4	5	95703125	16845703	0.0	34.018573 76098633	11.283767 70019531 2	1019.4	227.69	2687	2628	2673	01	07T08:46: 32	37.1	20220907-14
8323	reeling_ex change	235.52749 63378906 2	17.357664 10827636 7	7.9692873 95477295	0.0	0.0	2.6305096 14944458	530.45043 9453125	579.82006 8359375	289.28121 94824219	0.0	43.769947 05200195						30.989034 65270996	9		67.8419	818	801	813		2022-09- 07T07:39: 01	37.2	20220907-13
8322	reeling_ex change	226.38174 43847656 2	15.545231 81915283 2	7.6042265 89202881	0.0	0.0	7	327 14044	0023	280.73150 63476562 5		42.391044 61669922						29.915172 57690429 7			68.3622	800	786	797	2022-09- 07T05:47: 10	2022-09- 07T07:11: 41	37.2	20220907-12
8321	state_wor king	81542968 8	9	88476562 5		0.0	2.4213356 97174072 3	491.16131 59179687 5	544.39373 77929688	272.01745 60546875	0.0	40.946365 35644531						28.779212 95166015 6	9.5387582 77893066	166.5	4.54815	0	0	0	2022-09- 07T06:48: 20	2022-09- 07T06:48: 20	9.9	
8320	state_start	218.14315 79589843 8	13.928049 08752441 4	7.3084831 23779297	0.0	0.0	86590576	0390625	97851562				33307041	34703023	13140023	6	0.0	28.716146 46911621	9.5098876 953125	135.2	1.93538	0	0	0	2022-09- 07T06:43: 20	2022-09- 07T06:43: 20	4.7	
8319		69335937 5	2	11309814 5		0.0	2.2377419 47174072 3	479.55630 49316406	525.99176 02539062	265.07098 38867187 5	0.0	39.784469 60449219						27.896038 05541992 2	68029785	176.0	1.9295	0	0	0	2022-09- 07T05:48: 55	2022-09- 07T05:48: 55	0.3	
8318	state_start					0.0	2.2297208 30917358 4	479.35766 6015625	525.78204 34570312	264.97131 34765625	0.0	39.726322 17407226 6						27.832901 00097656 2	68029785		1.73655	0	0	0		2022-09- 07T05:48: 23	5.1	
8317	reeling_ex change	202.64071 65527343 8	11.095362 66326904 3	6.7194375 99182129	0.0	0.0	2.2216997 14660644 5	477.92901 61132812 5	524.20196 53320312	264.15216 06445312 5	0.0	39.609912 87231445	13.142358 77990722 7	374.51821 89941406	463.04107 66601562 5	188.26623 53515625	0.0	27.769763 94653320 3	9.1912050 24719238	932.2	208.152	2206	2143	2139	2022-09- 07T05:11: 16	2022-09- 07T05:47: 10	58.0	20220907-11
8316	nw_sup_c hange																			176.0	209.242	0	2329	2320		2022-09- 07T05:47: 25	58.0	
8315	nw_inf_ch ange																			176.0	209.146	0	2329	2320		2022-09- 07T05:47: 24	58.0	
8314	reeling_ex change	182.37611 38916015 6				0.0	1.9945024 25193786 6	429.06246 94824219	470.60995 48339844	237.15066 52832031 2	0.0		4	336.73809 81445312 5		U		14219100			226.677	2396	2329	2323		2022-09- 07T05:11: 16	57.7	20220907-10
8313	reeling_ex change	159.67996 21582031 2	8.7277574 53918457	5.2710800 17089844	0.0	0.0	1.7470625 63896179 2	375.51928 7109375	411.86816 40625	207.53590 39306640 6	0.0	31.134384 15527343 8	10.354804 03900146 5	294.88562 01171875	364.68835 44921875	148.24192 81005859 4	0.0	21.905323 02856445 3	7.2457370 75805664	988.1	232.453	2394	2332	2321	2022-09- 07T03:53: 23	2022-09- 07T04:32: 19	58.1	20220907-09

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
8312	reeling_ex change	136.62730 40771484 4	7.4522781 37207031	4.5192832 94677734	0.0	0.0	1.4941952 22854614 3	321.77511 59667969	352.89892 578125	177.83032 2265625	0.0	26.687959 67102050 8	8.8687543 86901855	252.88481 14013672	312.76498 41308594	127.10957 33642578 1	0.0	18.755937 57629394 5	6.2086114 88342285	964.4	226.644	2373	2308	2299	2022-09- 07T03:14: 42	2022-09- 07T03:53: 23	58.2	20220907-08
8311	nw_sup_c hange																			960.9	225.809	0	2240	2238	2022-09- 07T03:53: 05	2022-09- 07T03:53: 05	58.0	
8310	nw_sup_c hange																			960.9	225.809	0	2240	2238	2022-09- 07T03:53: 05	2022-09- 07T03:53: 05	58.0	
8309	reeling_ex change	114.65447 99804687 5	6.2515964 50805664	3.7875244 61746216	0.0	0.0	1.2600511 31248474 1	265.72207 64160156	291.45150 75683594	146.85250 85449218 8	0.0	22.038093 56689453	7.3297014 23645019 5	211.03858 94775390 6	261.03472 90039062 5	106.07389 06860351 6	0.0	15.674119 94934082	5.1993970 87097168	969.7	231.499	2396	2329	2320	2022-09- 07T02:35: 44	2022-09- 07T03:14: 42	57.7	20220907-07
8308	reeling_ex change	91.071075 43945312	4.9822869 30084228 5	3.0148420 33386230 5	0.0	0.0	77673339 8	38183593 8	4	78710937 (5	0.0	17.482393 26477050 8	5.8216037 75024414	168.50065 61279297	208.41192 62695312 5	84.704421 99707031	0.0	12.530204 77294921 9	4.1316256 52313232	973.4	232.621	2395	2337	2325	2022-09- 07T01:56: 48	2022-09- 07T02:35: 44	58.1	20220907-06
8307	reeling_ex change	67.741149 90234375	3.7178542 61398315 4	2.2401394 84405517 6	0.0	0.0	332 10703	157.69163 51318359 4	172.96749 87792968 8	87.151626 58691406	0.0	13.023053 16925048 8	4.3511009 21630859	126.70812 98828125	156.66125 48828125	63.687637 32910156	0.0	9.3876857 75756836	3.1194515 22827148 4	941.5	220.456	2301	2234	2232	2022-09- 07T01:19: 19	2022-09- 07T01:56: 48	58.1	20220907-05
8306	nw_inf_ch ange																			937.5	219.453	0	2331	2325	2022-09- 07T01:56: 27	2022-09- 07T01:56: 27	58.1	
8305	nw_sup_c hange																			937.0	218.995	0	2331	2325	2022-09- 07T01:56: 26	2022-09- 07T01:56: 26	57.7	
8304	reeling_ex change	46.937885 28442383	2.5812525 74920654 3	1.5614836 2159729	0.0	0.0	0.5137878 65638732 9	107.37136 07788086	117.75619 50683593 8	59.348911 28540039	0.0	8.9102325 43945312	2.9713449 47814941 4	85.949226 37939453	106.25239 56298828 1	43.213188 17138672	0.0		2.1109504 69970703	954.3	222.956	2306	2240	2238	2022-09- 07T00:41: 50	2022-09- 07T01:19: 19	57.8	20220907-04
8303	reeling_ex change	25.874420 16601562 5	1.4225463 8671875	0.8624531 62670135 5	0.0	0.0	0.2795470 35694122 3	56.353706 35986328	61.807033 53881836	31.143630 98144531 2	0.0	4.6322112 08343506	1.5414463 28163147	45.676670 07446289	56.426296 23413086	22.957973 48022461	0.0		1.1069762 70675659 2	953.8	221.274	2304	2242	2238	2022-09- 07T00:04: 19	2022-09- 07T00:41: 50	57.7	20220907-03
8302	reeling_ex change	13605068	0.1936065 40560722 35	0.1186981 05216026 3	0.0	0.0	0.0403426 36406421 66	7.3577761 65008545	8.0785923 00415039	4.0744032 85980225	0.0	0.5781957 50713348 4	0.1928437 05415725 7	5.4412121 77276611	6.7066607 47528076	2.7319393 15795898 4	0.0		0.1381596 47583961 5	1200.0	23.4324	279	272	270	2022-09- 06T23:59: 50	2022-09- 07T00:04: 19	57.8	20220907-02
8301	reeling_ex change	0.4859364 33076858 5	0.0276475 53011775 017	0.0098786 16780042 648	0.0	0.0	0.0	1.3439800 73928833	1.4782943 72558593 8	0.7532439 82791900 6	0.0	0.1156500 35440921 78	0.0275442 52574443 817	0.8580988 64555358 9	1.0960608 72077942	0.4451697 76678085 3	0.0	0.0630538 16556930 54		943.7	227.874	2353	2291	2286	2022-09- 06T23:21: 32	2022-09- 06T23:59: 50	58.0	20220907-01
8300	nw_sup_c hange																			941.1	227.459	0	2331	2325	2022-09- 06T23:59: 36	2022-09- 06T23:59: 36	58.1	
8299	nw_inf_ch ange																			939.7	226.768	0	2185	2180	2022-09- 06T23:59: 29	2022-09- 06T23:59: 29	58.1	
8298	reeling_ex change	646.56713 8671875	61.357601 16577148 4	22.093339 92004394 5	0.0	0.0	7.3638992 30957031	1250.6240 234375	1424.6026 61132812 5	790.88854 98046875	0.0	108.39386 74926757 8	35.928279 87670898 4	1052.6676 02539062 5	1359.8366 69921875	607.87347 41210938	0.0	81.978469 84863281	27.126562 11853027 3	953.8	227.506	2394	2331	2325	2022-09- 06T22:42: 36	2022-09- 06T23:21: 32	57.9	20220906-31
8297	reeling_ex change	624.43145 75195312	60.129867 55371094	21.358871 45996093 8	0.0	0.0	7.1215195	1199.3737		762.54809	0.0	104.13733 67309570 3	34.505519 86694336	1011.0118 40820312 5	1308.3503 41796875	586.93536 37695312	0.0	78.853019 71435547	26.109184 26513672	955.0	228.582	2394	2336	2332	2022-09- 06T22:03: 40	2022-09- 06T22:42: 36	58.1	20220906-30
8296	reeling_ex change	600.69982 91015625	58.801315 30761719	20.547330 85632324 2	0.0	0.0	6.8648076 05743408	1143.8579 1015625	1307.4086 9140625	731.82232 66601562	0.0	99.537796	32.979866	969.55059 81445312	1257.0798	566.07879		75.790176 39160156	25.089590 07263183 6	911.5	203.262	2145	2089	2084	2022-09- 06T21:28: 43	2022-09- 06T22:03: 40	58.1	20220906-29
8295	nw_inf_ch ange																			907.1	201.872	0	2307	2302	2022-09- 06T22:03: 19	2022-09- 06T22:03: 19	58.2	
8294	nw_inf_ch ange																			907.1	201.872	0	2307	2302	2022-09- 06T22:03: 19	2022-09- 06T22:03: 19	58.2	
8293	reeling_ex change	581.20135 49804688	57.723251 34277344	19.895799 63684082	0.0	0.0	6.6496458 05358887	1096.1441 65039062 5	1255.0062 25585937 5	705.38330 078125	0.0	95.545364 37988281	31.669906 61621093 8	932.65191 65039062	1211.4501 953125	547.48004 15039062	0.0	73.050621 03271484	24.151561 73706054 7	938.0	215.835	2245	2185	2180	2022-09- 06T20:52: 13		57.8	20220906-28
8292	reeling_ex change	558.32006 8359375	56.465522 76611328	19.140571 59423828	0.0	0.0	6.3975529 67071533		1202.0919 18945312 5	678.71569 82421875	0.0	91.556892	30.358263	893.34197 99804688	1162.7219	527.69696	0.0	70.124771 11816406	23.184499 74060058 6	943.2	215.58	2243	2185	2181	2022-09- 06T20:15: 49	2022-09- 06T20:52: 13	58.1	20220906-27
8291	reeling_ex change	535.60504 15039062	55.230190 27709961	18.391038 89465332	0.0	0.0	6.1496634	999.41680		651.79425		87.536964 4165039	29.025814 05639648 4	853.67761 23046875	1113.4501 953125	507.73593 13964844	0.0		22.221166 61071777 3		25.8369	293	289	287	2022-09-	2022-09- 06T20:15: 49	58.0	20220906-26
8290	state_wor king	532.83520 5078125	55.076347 35107422	18.301483 15429687 5	0.0	0.0	6.1165189 74304199	990.83966 06445312	1139.2291 25976562 5	647.04058 83789062	0.0			847.16271 97265625					22.056509 01794433 6		3.60127	0	0	0	2022-09- 06T20:09: 32	2022-09- 06T20:09: 32	15.3	
8289	state_start			18.301483 15429687 5		0.0				647.04058 83789062				847.16271 97265625					22.056509 01794433 6		3.40661	0	0	0	2022-09-	2022-09- 06T20:09: 26	9.8	

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
8288	state_start	530.39294 43359375	54.936500 54931640 6	18.221878 05175781 2	0.0	0.0	6.0916509 6282959	989.71405 02929688	1137.9874 26757812 5	646.41107 17773438	0.0			846.20251 46484375		503.97796 63085937 5	0.0	66.630073 54736328	22.029066 08581543	233.8	0.0	0	0	0	2022-09- 06T20:01: 54	2022-09- 06T20:01: 54	3.6	
8287	state_stop	488.36709 59472656	52.607646 94213867	16.831129 07409668	0.0	0.0	5.6322627 06756592	958.79730 22460938	1103.9122 31445312 5	629.25885 00976562	0.0	09228516	55102539	819.30566 40625	26953125	72167969	0.0	64.646438 59863281	21.371419 90661621	229.3	5.8399	0	0	0	2022-09- 06T17:08: 50	2022-09- 06T17:08: 50	0.0	
8286				16.732583 99963379		0.0				628.32843 01757812		83.996978 75976562							21.343988 4185791	208.2	2.62795	0	0	0	2022-09- 06T17:02: 15	2022-09- 06T17:02: 15	5.2	
8285				16.732583 99963379		0.0				627.58953 85742188		53808594	33030371	816.88085 9375	7109375	14453125		1003030			16.3517	198	195	194	2022-09- 06T16:57: 47	2022-09- 06T17:01: 07	57.8	20220906-25
8284	reeling_ex change	483.25708 0078125	52.332389 83154297	16.663789 74914550 8	0.0	0.0	5.5754804 61120605 5	951.40539 55078125	1095.7769 77539062 5	625.16851 80664062	0.0	83.535278 3203125	27.696617 12646484 4	813.31542 96875	1063.2606 20117187 5	487.40881 34765625	0.0	64.150505 06591797	21.234262 46643066 4	967.0	231.297	2423	2359	2353	2022-09- 06T16:18: 22	2022-09- 06T16:57: 47	57.9	20220906-24
8283	nw_sup_c hange																			964.9	230.133	0	2307	2302	2022-09- 06T16:57: 34	2022-09- 06T16:57: 34	58.1	
8282	nw_inf_ch ange																			963.5	232.2	0	194	193	2022-09- 06T16:57: 27	2022-09- 06T16:57: 27	58.0	
8281				15.854788 78021240 2		0.0	5.3086233 13903809	898.48638 91601562	1037.6567 3828125	595.82617 1875	0.0	79.140449 52392578							20.188394 54650879	955.9	229.073	2369	2307	2302	2022-09- 06T15:39: 49	2022-09- 06T16:18: 22	58.2	20220906-23
8280	reeling_ex change	435.82373 046875	49.725616 45507812 5	15.105063 43841552 7	0.0	0.0	53/53062	5859375	98242188			74.779907 2265625	24.813419 34204101 6	729.08203 125	958.91253 66210938	445.07327 27050781	0.0	57.965038 29956055	19.138822 55554199 2	961.3	228.434	2369	2318	2311	2022-09- 06T15:01: 19	2022-09- 06T15:39: 49	58.2	20220906-22
8279	reeling_ex change	411.28073 12011719	48.402576 4465332	14.297765 73181152 3	0.0	0.0	4.7844734 19189453	795.67602 5390625	924.73370 36132812	538.85675 04882812	0.0	70.608367 91992188	23.425527 57263183 6	687.64605 71289062	907.57220 45898438	424.22143 5546875	0.0	54.886413 57421875	18.139978 40881347 7	893.9	205.856	2150	2097	2084	2022-09- 06T14:26: 24	2022-09- 06T15:01: 19	57.7	20220906-21
8278	nw_sup_c hange																			891.3	202.491	0	194	193	2022-09- 06T15:01: 05	2022-09- 06T15:01: 05	58.0	
8277	nw_inf_ch ange																			889.5	201.72	0	2334	2309	2022-09- 06T15:00: 57	2022-09- 06T15:00: 57	58.1	
8276	reeling_ex change	390.46066 28417969	47.257896 42333984 4	13.611124 03869628 9	0.0	0.0	17431641	63085938	11328125			92089844	44091797	649.54364 01367188	20832938	49609375		52.068840 02685547	17.190500 25939941 4	303.5	16.4027	199	194	193	2022-09- 06T14:23: 04	2022-09- 06T14:26: 24	58.1	20220906-20
8275				13.542800 90332031 2		0.0	4.5332403 1829834	747.42669 67773438	871.74194 3359375	512.11138 91601562	0.0			645.94360 3515625					17.106506 34765625	948.1	222.965	2324	2270	2258	2022-09- 06T13:45: 15	2022-09- 06T14:23: 04	57.7	20220906-19
8274	reeling_ex change	364.86795 04394531	45.871356 96411133	12.773188 59100341 8	0.0	0.0			819.56134 03320312		0.0	62.666011 81030273 4	20.761398 31542968 8	604.82531 73828125	804.83703 61328125	382.54287 71972656	0.0		16.091997 14660644 5	955.1	223.658	2324	2273	2263	2022-09- 06T13:07: 33	2022-09- 06T13:45: 15	57.6	20220906-18
8273				12.000451 08795166		0.0	4.0222859 38262939 5	652.82800 29296875	767.87951 66015625	459.74615 47851562 5	0.0	58.753585 81542969	19.484210 96801757 8	564.31268 31054688	754.53369 140625	362.14813 23242187 5	0.0	07421070			12.3906	156	153	152	2022-09- 06T13:04: 55	2022-09- 06T13:07: 33	58.2	20220906-17
8272	reeling_ex change	340.48410 03417969	44.552467 34619140 6	11.961079 59747314 5	0.0	0.0	4.0143737 79296875	649.84643 5546875	764.59765 625	458.08993 53027344	0.0	58.467407 2265625	19.402513 50402832	561.40551 7578125	750.92999 26757812	360.69335 9375	0.0	45.499164 58129883	15.041120 52917480 5	949.0	223.493	2335	2282	2260	2022-09- 06T12:26: 53	2022-09- 06T13:04: 55	58.1	20220906-16
8271	nw_sup_c hange																			945.9	221.572	0	2334	2309	2022-09- 06T13:04: 39	2022-09- 06T13:04: 39	58.0	
8270	nw_inf_ch ange																			944.6	221.096	0	2085	2077	2022-09- 06T13:04: 32	2022-09- 06T13:04: 32	57.8	
8269	reeling_ex change	316.61190 79589844	43.266048 43139648 4	11.177591 32385253 9	0.0	0.0	3.7474393 84460449	602.04315 18554688	712.12054 44335938	431.62509 15527344	0.0	54.527900 69580078						9302793	14.041231 15539550 8		227.419	2385	2334	2309	2022-09- 06T11:48: 05	2022-09- 06T12:26: 53	57.9	20220906-15
8268	reeling_ex change	292.78421 02050781	41.975383 75854492	10.402102 47039795	0.0	0.0	3.4850301 74255371	553.16400 14648438	658.40258 7890625	404.55197 14355469	0.0	50.490028 38134765 6	16.747922 89733886 7	478.34436 03515625	648.05450 43945312	318.93179 32128906	0.0	39.280010 22338867			232.317	2384	2338	2314	2022-09- 06T11:09: 19	2022-09- 06T11:48: 05	58.1	20220906-14
8267	reeling_ex change	268.80319 21386719	40.687885 28442383	9.6022882 46154785	0.0	0.0	3.2282211 78054809 6	503.88314 81933594	604.21423 33984375	377.25830 078125	0.0		15.397893 90563964 8	436.00689 69726562 5	595.63616 94335938	297.61367 79785156	0.0	36.135074 61547851 6	11.957970 61920166	934.0	216.367	2237	2180	2171	2022-09- 06T10:32: 56	2022-09- 06T11:09: 19	57.8	20220906-13
8266	nw_sup_c hange																			930.5	215.612	0	2085	2077	2022-09- 06T11:09: 02	2022-09- 06T11:09: 02	58.2	
8265	nw_inf_ch ange																			929.6	215.061	0	2374	2385	2022-09- 06T11:08: 58	2022-09- 06T11:08: 58	58.2	

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8264	reeling_ex change	245.41276 55029297	39.423599 24316406	8.8352060 31799316	0.0	0.0				352.02737 42675781		42.615631 10351562 5	14.128412 24670410 2	396.35116 57714844	546.45416 25976562	277.66882 32421875	0.0		10.967729 56848144 5	916.4	204.254	2138	2085	2077	2022-09- 06T09:58: 07	2022-09- 06T10:32: 56	58.2	20220906-12
8263				03979492		0.0		414.76641 84570312 5	506.26562 5	327.88174 43847656 0	0.0	39.007148 74267578	12.937172 88970947 3	358.75360 10742187 5	499.74353 02734375	258.74090 57617187 5	0.0	41540527 3	10.058433 53271484 4		204.591	2139	2090	2083	2022-09- 06T09:23: 26	2022-09- 06T09:58: 07	57.9	20220906-11
8262				7.3745307 92236328		0.0	49645996	72753906	458.94970 703125	84863281	1.0	35.433258 05664062 5	11.742317 19970703 1	321.84442 13867187 5	453.57138 06152344	240.13166 80908203	0.0	8	9.1452064 51416016		63.4128	705	685	686	2022-09- 06T08:13: 06	2022-09- 06T09:23: 26	57.7	20220906-10
8261	Killy	19109400	30330033	7.0942106 24694824		0.0	2.3984105 58700561 5	355.15524 29199219	440.76565 55175781	294.89132 69042969 0	0.0				436.19097 90039062 5			00110020			8.5429	0	0	0	2022-09- 06T09:07: 02	2022-09- 06T09:07: 02	12.5	
8260				6.9546723 36578369		0.0	•			292.97570 80078125 0					432.40866 08886719			26.396007 53784179 7	8.7332963 94348145	183.6	1.85608	0	0	0	2022-09- 06T08:57: 14	2022-09- 06T08:57: 14	4.9	
8259				6.7765154 83856201		0.0				290.51464 84375 0		5	6	29980469	427.55380 24902344	52085547		77709961	8.6157083 51135254	183.1	0.846192	0	0	0	2022-09- 06T08:14: 18	2022-09- 06T08:14: 18	0.0	
8258				6.7666139 60266113		0.0				289.87799 07226562 0 5					426.58718 87207031			26.018901 82495117 2	8.6157083 51135254	974.5	243.783	2371	2354	2366	2022-09- 06T07:12: 45	2022-09- 06T08:13: 06	37.1	20220906-09
8257	state_start	183.16830 44433593 8	35.942928 31420898 4	6.7666139 60266113	0.0	0.0	2.2842948 43673706	347.22695 92285156	432.03671 26464844	290.48635 86425781 0	0.0	33.417449 95117187 5	11.071842 19360351 6	301.03732 29980469	427.55380 24902344	229.64152 52685547	0.0	26.081752 77709961	8.6157083 51135254	184.5	0.628635	0	0	0		2022-09- 06T08:14	4.8	
8256	nw_sup_c hange																			985.3	245.25	0	2374	2385	2022-09- 06T08:13: 08	2022-09- 06T08:13: 08	36.7	
8255	nw_inf_ch ange																			973.6	243.639	0	2371	2386	2022-09- 06T08:12: 59	2022-09- 06T08:12: 59	37.1	
8254	change	74609375	30053711			0.0				63232422	0.0	51135254	73364258	60546875	374.36343 38378906	62158203	0.0	42980957	00900037	911.5	245.89	2385	2374	2385	2022-09- 06T06:12: 03	2022-09- 06T07:12: 45	36.8	20220906-08
8253				5.1418285 36987305		0.0				219.33645 62988281 0 2		25.218982 69653320 3	8.3722562 789917	226.80174 25537109 4	322.26541 13769531	173.01863 09814453	0.0	6	6.4996633 52966309		244.793	2385	2375	2386	21	06T06:12: 03	37.2	20220906-07
8252	reeling_ex change	117.06446 07543945 3	22.991119 38476562 5	4.3538770 67565918	0.0	0.0	1.4599040 74668884 3	219.54338 07373047	273.12304 6875	183.64537 04833984 0	0.0					144.89273 07128906 2	0.0	16.431644 43969726 6	5.4353504 1809082	979.3	247.626	2397	2384	2396	19	06T05:11: 21	37.3	20220906-06
8251	nw_inf_ch ange																			974.5	244.913	0	2367	2379	44	06T05:10: 44	36.7	
8250	nw_inf_ch ange																				244.913	0	2367	2379	44	06T05:10: 44	36.7	
8249	change	22998047	89123535			0.0	59031677 2	27587890 6	6	49414062 0 5		00394043	13917909	7421073		2		7	4.3692698 47869873		249.458	2385	2371	2386	35	06T04:10: 19	37.1	20220906-05
8248				2.6458191 87164306 6		0.0				112.30136 87133789 0		12.872729 30145263 7							3.3344099 52163696 3	978.0	242.217	2385	2373	2387	54	06T03:09: 35	36.6	20220906-04
8247	reeling_ex change	49.434722 90039062 5	9.6645822 52502441	1.8605756 75964355 5	0.0	0.0	0.6189110 8751297	92.207138 06152344	114.67353 82080078 1	77.058914 18457031 0	0.0	8.8529148 10180664	2.9619929 79049682 6	79.564361 57226562	113.19443 51196289	60.719139 09912109 4	0.0	28900146	2.3103373 05068969 7	981.7	245.522	2398	2379	2392	50	06T02:08: 54	36.7	20220906-03
8246	nw_sup_c hange																			975.3	241.981	0	2367	2379	24	06T02:08: 24	36.8	
8245	nw_inf_ch ange																				242.452	0	2372	2384	17	06T02:08: 17	36.8	
8244				1.0219714 64157104 5		0.0	4	50040625	51953125			4.6877570 15228271 5						2030020		979.3	252.308	2385	2367	2379	05	06T01:07: 50	37.2	20220906-02
8243				0.1001496 98555469 51		0.0				4.7189779 28161621		0.5232801 43737793						71677780 15	0.1431642 91977882 39		249.183	2387	2374	2386	23	06T00:07: 05	36.8	20220906-01
8242	reeling_ex change	485.31567 3828125	94.948760 98632812	18.425313 94958496	0.0	0.0	6.0444583 89282227	864.06707 76367188	1064.2166 74804687 5	715.25927 734375	0.0	82.355781 55517578	27.174917 22106933 6	748.48089 59960938	1060.1669 921875	570.76538 0859375	0.0	64.741912 84179688	21.398553 8482666	981.2	249.16	2376	2361	2373	52	05T23:06: 23	36.6	20220905-20
8241	nw_sup_c hange																			977.1	247.901	0	2372	2384	2022-09- 05T23:05: 54	2022-09- 05T23:05: 54	37.0	

ID		A1	A2	А3	A4	A5	A6	B1	B2	B3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
8240	nw_inf_ch ange																			976.2	245.745	0	2740	2755		2022-09- 05T23:05: 47	37.1	
8239	reeling_ex change	460.79379 27246094	90.175262 45117188	17.487113 95263672	0.0	0.0	5.7369999 88555908	819.94775 390625	1009.3875 12207031 2	678.38244 62890625	0.0	78.113410 94970703	25.760513 30566406 2	710.14135 7421875	1005.6664 42871093 8	541.49108 88671875	0.0	61.392875 67138672	20.320278 16772461	993.8	249.563	2385	2372	2384		2022-09- 05T22:05: 52	36.8	20220905-19
8238		436.98907 47070312 5				0.0	5.4449372 29156494	774.45056 15234375	952.82910 15625	640.33178 7109375	0.0	73.736724 85351562	24.318418 50280761 7	671.79278 56445312	951.29956 0546875	512.25726 31835938	0.0	31469726	19.194637 29858398 4	986.4	248.951	2385	2373	2386		2022-09- 05T21:05: 09	37.1	20220905-18
8237	reeling_ex change	412.68222 04589844	80.783752 44140625	15.684490 20385742 2	0.0	0.0	5.1429038 04779053	728.61566 16210938	895.84863 28125	602.00170 8984375	0.0	69.327148 4375	22.880813 59863281 2	633.21551 51367188	896.37689 20898438	482.78826 90429687 5	0.0	62719726	18.105968 47534179 7	1057.3	295.822	2825	2809	2824		2022-09- 05T20:04: 26	36.9	20220905-17
8236	nw_inf_ch ange																			1052.5	292.691	0	1672	1681		2022-09- 05T20:03: 48	36.6	
8235	nw_sup_c hange																				292.574	0	1672	1681		2022-09- 05T20:03: 44	36.7	
8234	reeling_ex change	383.43264 77050781	75.093238 8305664	14.582188 60626220 7	0.0	0.0			830.36724 85351562		0.0	64.239364 62402344	21.187276 84020996	587.97375 48828125	832.10986 328125	448.27520 75195312 5	0.0	50.889522 55249023 4	16.797817 23022461	1045.0	284.425	2756	2740	2755	2022-09- 05T17:42: 24	2022-09- 05T18:52: 29	37.2	20220905-16
8233	reeling_ex change	355.17617 79785156	69.540504 4555664	13.504590 98815918	0.0	0.0	4.4259638 78631592	624.90429 6875	766.80377 19726562	515.32269 28710938	0.0	59.307884 21630859 4	19.573160 17150879	543.56738 28125	769.06140 13671875	414.41137 6953125	0.0	78271484	15.528407 09686279 3	802.1	163.951	1614	1616	1627	2022-09- 05T14:12: 37	2022-09- 05T17:42: 24	36.7	20220905-15
8232	state_wor king	346.73190 30761719	67.890235 9008789	13.174276 35192871 1	0.0	0.0	4.3199377 05993652	607.27307 12890625	744.84515 38085938	500.57623 29101562 5	0.0	57.622276 30615234 4	19.005620 9564209	528.04406 73828125	746.98822 02148438	402.54461 66992187 5	0.0	45.682678 22265625	15.080045 70007324 2	501.9	64.5297	0	0	0		2022-09- 05T17:17: 27	30.3	
8231	state_start	344.39956 66503906	67.424858 09326172	13.085860 25238037 1	0.0	0.0	4.2845964 43176269 5	606.32550 04882812	743.66180 41992188	499.79406 73828125	0.0	57.562046 05102539	18.978572 84545898 4	526.86834 71679688	745.36932 37304688	401.67559 81445312 5	0.0	45.620109 55810547	15.052161 21673584	493.9	58.7846	0	0	0		2022-09- 05T17:07: 17	5.6	
8230	reeling_ex change	306.81234 74121094	60.102695 46508789	11.620841 97998046 9	0.0	0.0	3.8198297 02377319 3	575.51348 87695312	705.34191 89453125	474.02743 53027344	0.0	54.625408 17260742	18.003755 56945800 8	500.09844 97070312 5	707.14404 296875	381.23730 46875	0.0		14.301897 04895019 5	579.1	78.6872	770	764	771	05T13:32:	2022-09- 05T14:12: 37	4.9	20220905-14
8229	nw_sup_c hange																			576.9	78.3795	0	1672	1681	05T14:12:	2022-09- 05T14:12: 17	21.6	
8228	nw_inf_ch ange																			576.0	78.1743	0	2372	2380	05T14:12:	2022-09- 05T14:12: 11	25.1	
8227	reeling_ex change	295.41445 92285156	57.877258 30078125	11.173898 69689941 4	0.0	0.0	3.6708552 83737182 6	558.04046 63085938	683.66534 42382812	459.44821 16699219	0.0	52.913154 60205078	17.461412 42980957	484.75305 17578125	685.32720 94726562	369.54440 30761719	0.0	51342773	13.833703 99475097 7	811.1	172.763	1687	1672	1681		2022-09- 05T13:32: 17	5.0	20220905-13
8226	reeling_ex change	276.93557 73925781	54.272621 15478515 6	10.468765 25878906 2	0.0	0.0	3.4414572 71575927 7	526.47717 28515625	644.48840 33203125	433.10922 24121094	0.0	49.931709 28955078						39.510177 61230469	13.033976 55487060 5	985.9	250.527	2466	2449	2461	2022-09- 05T11:22: 13	2022-09- 05T12:23: 59	37.1	20220905-12
8225	reeling_ex change	254.37026 97753906 2	49.874370 57495117	9.5945730 20935059	0.0	0.0	3.1655340 19470215	483.64587 40234375	591.27941 89453125	397.35104 37011719	0.0	45.783302 30712890 6	15.093001 36566162 1	419.42825 31738281	592.46887 20703125	319.74514 77050781	0.0	36.320816 04003906	11.972836 4944458	306.8	16.8425	181	180	181		2022-09- 05T11:22: 13	37.4	20220905-11
8222	reeling_ex change	232.07316 58935547	45.537414 55078125	8.8124732 9711914	0.0	0.0	2.8823409 08050537	443.76058 95996094		364.16339 11132812 5	0.0	41.997253 41796875	13.847159 38568115 2	384.83670 04394531	543.41625 9765625	293.34390 25878906	0.0		10.981974 60174560 5	969.6	243.055	2362	2348	2356	2022-09- 05T09:21: 58	2022-09- 05T10:22: 07	37.0	20220905-10
8221	nw_sup_c hange																			966.1	240.272	0	2372	2380		2022-09- 05T10:21: 39	37.2	
8220	nw_inf_ch ange																			964.8	239.754	0	2371	2380		2022-09- 05T10:21: 31	36.7	
8219	reeling_ex change	209.43363 95263672	41.118614 19677734 4	7.9181199 0737915	0.0	0.0	2.6043448 44818115 2	401.86557 00683594	490.19104 00390625	329.44873 046875	0.0	37.992034 91210937 5	12.518178 93981933 6	348.14739 99023437 5	491.27392 578125	265.41488 64746094	0.0	7 103070	9.9611806 86950684		245.341	2385	2372	2380		2022-09- 05T09:21: 58	37.2	20220905-09
8218	reeling_ex change	187.25971 98486328	96484375	80307666		0.0	75918579	79785156	421875			34.036598 20556640 6	11.218860 62622070 3	311.22085 57128906	439.23422 24121094	237.25357 05566406 2	0.0	26.958763 12255859 4	8.8848543 16711426	980.1	240.672	2385	2375	2385	2022-09- 05T07:20: 34	2022-09- 05T08:21: 16	36.6	20220905-08
8217	reeling_ex change		32.416507 72094726 6	6.2542777 0614624	0.0	0.0	2.0589506 62612915	317.44342 04101562 5	387.20922 8515625	260.26623 53515625	0.0	30.026330 94787597 7	9.8923740 38696289	274.39169 31152344	387.07061 76757812 5	209.16076 66015625	0.0		7.8371357 91778564 5	980.2	244.552	2396	2383	2392	2022-09- 05T06:19: 33	2022-09- 05T07:20: 34	37.1	20220905-07
8216	nw_inf_ch ange																			975.8	242.284	0	2365	2382		2022-09- 05T07:19: 59	36.6	
8215	nw_inf_ch ange																			975.8	242.284	0	2365	2382		2022-09- 05T07:19: 59	36.6	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8212	reeling_ex change	120.49957 27539062 5	23.624452 59094238 3	4.6182847 02301025 0.	0	0.0	1.5075415 37284851	230.71723 93798828		189.01487 73193359 4	0.0	21.824089 05029297	7.1815176 01013184	199.29991 14990234 4	280.64007 56835937 5	151.94784 54589843 8	0.0	17.280443 19152832	5.6895618 4387207	978.8	244.793	2385	2373	2383		2022-09- 05T05:18: 50	37.0	20220905-06
8211	reeling_ex change	98.044609 06982422	19.207429 88586425 8	3.7311961 65084839 0.	0	0.0	1.2297761 4402771	187.15931 70166015 6	228.45214 84375	153.54598 99902343 8	0.0	17.756671 90551757 8	5.8265008 9263916	02587890	228.39466 85791015 6	94677734	0.0	14.114706 03942871 1	4.6460528 37371826	973.6	240.812	2364	2347	2359		2022-09- 05T04:18: 08	37.3	20220905-05
8210	nw_inf_ch ange																			968.3	238.512	0	2118	2130		2022-09- 05T04:17: 28	36.9	
8209	nw_sup_c hange																			967.8	238.202	0	2118	2130	2022-09- 05T04:17: 27	2022-09- 05T04:17: 27	36.5	
8208	change	75.967536 92626953	66229248	7		0.0	0.9484091 40110015 9	143.62211 60888672	175.96669 00634765 6	118.27074 43237304 7	0.0	13.673696 51794433 6	4.5013389 58740234	125.12451 171875	176.21218 87207031 2	95.416267 39501953	0.0		3.6045987 60604858 4	978.4	238.924	2385	2365	2382		2022-09- 05T03:17: 55	36.7	20220905-04
8205	reeling_ex change	52.321762 08496094	10.213483 81042480 5	2.0543804 16870117 0.	0	0.0				81.566734 31396484		9.4235868 4539795	3.0960795 87936401 4	85.934547 4243164	121.01651 00097656 2	65.514236 45019531	0.0	22210030	b	980.6	242.32	2385	2368	2387		2022-09- 05T02:15: 17	36.8	20220905-03
8204	reeling_ex change	28.742626 19018554 7	5.5979356 76574707	1.1199631 69097900 0. 4	0	0.0	0.3650540 70949554 44	54.646949 76806640 6	67.781272 8881836	45.574146 27075195	0.0	5.2873468 39904785	1.7229856 25267028 8	47.913139 34326172	67.507614 13574219	36.530323 02856445	0.0	4.1590023 04077148	1.3815377 95066833 5	910.4	214.873	2126	2108	2119	2022-09- 05T00:20: 42	2022-09- 05T01:14: 35	37.1	20220905-02
8203	nw_sup_c hange																			902.6	210.568	0	2118	2130		2022-09- 05T01:13: 40	36.8	
8202	nw_inf_ch ange																			901.3	210.059	0	2362	2375		2022-09- 05T01:13: 32	36.7	
8201	reeling_ex change	8.1737480 16357422	1.6005134 58251953 1	0.3172721 56476974 0. 5	0	0.0	0.1092375 06985664 37	15.846466 06445312 5	19.624925 61340332	13.196648 59771728 5	0.0	92953491		13.512077 33154296 9	47106933		0.0	1.1839153 76663208	0.3951267 60005950 9	916.7	215.86	2140	2118	2130		2022-09- 05T00:20: 42	37.3	20220905-01
8200				17.954154 96826172 0.		0.0	5.9662919 04449463	1031.6043 70117187 5	1180.3999 0234375	514.08142 08984375	0.0	84.853416 4428711	28.063333 51135254	866.26916 50390625	1139.4471 43554687 5	396.86437 98828125	0.0	64.784721 37451172	21.387212 7532959	428.4	37.5156	408	408	411		2022-09- 04T23:26: 39	37.1	20220904-21
8197	reeling_ex change	436.83596 80175781	113.12018 58520507 8	17.213968 27697754 0.	0	0.0	5.7293157 57751465	1007.4803 46679687 5	1151.7791 74804687 5	496.65148 92578125	0.0	82.704132 08007812	27.352500 91552734 4	846.10388 18359375	1111.5880 12695312 5	383.11355 59082031	0.0	63.103523 25439453		904.3	202.452	2218	2197	2209		2022-09- 04T21:36: 34	36.5	20220904-20
8194	nw_sup_c hange																			913.2	200.746	0	2363	2375		2022-09- 04T20:38: 35	36.6	
8193	nw_sup_c hange																			913.2	200.746	0	2363	2375	2022-09- 04T20:38: 35	2022-09- 04T20:38: 35	36.6	
8192	change	134313	0/4210/3			0.0	85852051	25976562	078125			75.635360 71777344	25.000421 52404785	772.33404 54101562	1015.0321 65527343 8	349.66909 79003906	0.0		19.017692 56591797	943.6	212.593	2386	2362	2375	2022-09- 04T18:41: 28	2022-09- 04T19:41: 50	36.7	20220904-19
8191	reeling_ex change	378.88577 27050781	98.137977 60009766	14.868282 31811523 0.	0	0.0	4.9695591 92657471	873.24578 85742188	1001.2440 18554687 5	431.70230 10253906	0.0	71.928573 60839844	23.777873 99291992 2	734.25823 97460938	965.11621 09375	332.40206 90917969	0.0	54.729118 34716797	18.078105 92651367 2	947.1	212.303	2386	2365	2377		2022-09- 04T18:41: 28	37.0	20220904-18
8190				14.054117 20275878 0. 9		0.0	4.7121562 95776367	828.66168 21289062	950.15716 55273438	409.66442 87109375	0.0	68.269599 91455078	22.582307 81555175 8	696.12390 13671875	915.14172 36328125	315.10940 55175781	0.0	51.928771 97265625	17.146453		10.0853	128	127	128		2022-09- 04T17:41: 14	36.9	20220904-17
8189	reeling_ex change	357.06915 28320312 5	92.527175 90332031	13.973773 95629882 0. 8	0	0.0	4.6849179 2678833	826.05743 40820312	947.14892 578125	408.35733 03222656	0.0	68.037734 98535156	22.500677 10876465	693.79815 67382812	912.06951 90429688	314.05145 26367187 5	0.0	75561523	17.085283 27941894 5	960.9	225.68	2483	2459	2472	2022-09- 04T16:34: 59	2022-09- 04T17:37: 53	36.6	20220904-16
8188	nw_inf_ch ange																			940.0	216.149	0	2361	2374		2022-09- 04T17:35: 45	37.0	
8187	nw_sup_c hange																			939.6	215.586	0	2361	2374		2022-09- 04T17:35: 43	36.9	
8186	reeling_ex change	335.91635 13183594	87.107177 734375	13.132329 94079589 0. 8	0	0.0	4.4069514 27459717	778.80725 09765625	892.72943 11523438	384.85522 4609375	0.0	64.150688 17138672	21.191867 82836914	653.97637 93945312	859.91125 48828125	296.01977 5390625	0.0	48.760841 36962890 6	16.089179 99267578	939.6	216.429	2387	2363	2375	2022-09- 04T15:34: 37	2022-09- 04T16:34: 59	36.7	20220904-15
8185	reeling_ex change	315.60421 75292969	81.898452 75878906	12.319116 59240722 0. 7	0	0.0	4.1445927 61993408	732.92138 671875	839.88507 08007812	362.04296 875	0.0	60.326591 49169922	19.955448 15063476 6	616.02746 58203125	810.08288 57421875	278.80630 49316406	0.0	45.897266 38793945	15.154951 09558105 5	939.6	215.045	2386	2372	2378		2022-09- 04T15:34: 37	36.6	20220904-14
8182	nw_sup_c hange																			940.5	214.044	0	2361	2374	04T14:33:	2022-09- 04T14:33: 16	37.1	
8181	nw_inf_ch ange																			939.6	213.682	0	2361	2374		2022-09- 04T14:33: 10	36.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8180	reeling_ex change	275.57345 58105469	71.630691 52832031	10.696737 28942871 1	0.0	0.0	3.6187880 03921509	640.90710 44921875	733.75	316.25369 26269531	0.0	52.681694 03076172	17.424411 77368164	538.37457 27539062	708.46136 47460938	243.62239 07470703	0.0	40.118442 53540039	13.266693 11523437 5	943.1	217.146	2386	2361	2374		2022-09- 04T13:32: 39	36.6	20220904-13
8177	reeling_ex change	235.80351 25732422	61.300525 6652832	9.1270380 0201416	0.0	0.0	3.0994684 69619751	547.84240 72265625	629.32934 5703125	271.21188 35449219	0.0	45.228530 88378906	14.939452 17132568 4	460.53967 28515625	606.62127 68554688	208.40516 66259765 6	0.0	97412109	11.345823 28796386 7	960.3	226.151	2457	2432	2445	2022-09- 04T10:29: 44	2022-09- 04T11:31: 54	37.1	20220904-12
8176	nw_sup_c hange																			952.4	222.959	0	2362	2375		2022-09- 04T11:30: 55	36.5	
8175	nw_inf_ch ange																			952.4	222.866	0	2362	2375		2022-09- 04T11:30: 54	37.1	
8174		-	-	20129395		0.0	51925659	52636719	2890625	/30468/5	0.0	4	1	19042969		03076172		31.280719 75708007 8	10.336826 32446289	947.6	217.786	2386	2361	2374		2022-09- 04T10:29: 44	37.0	20220904-11
8173	reeling_ex change	195.12692 26074218 8	50.733058 92944336	7.5144391 05987549	0.0	0.0		453.11553 95507812 5	520.57537 84179688	224.30957 03125	0.0	37.433547 97363281	12.355804 44335937 5	379.97018 43261719	500.57644 65332031	171.92488 09814453	0.0	7	9.3715610 50415039		216.05	2386	2364	2378	2022-09- 04T08:28: 59	2022-09- 04T09:29: 21	36.6	20220904-10
8172	reeling_ex change	174.32653 80859375	45.337047 5769043	6.7045092 58270264	0.0	0.0	2.2930974 96032715	405.95809 93652344	466.19332 88574219	200.86303 7109375	0.0	33.521266 93725586	11.070405 00640869 1	340.64862 06054687 5	448.36233 52050781	154.15698 2421875	0.0	25.412214 27917480 5	8.4120302 20031738	963.4	222.754	2455	2430	2444		2022-09- 04T08:28: 59	36.6	20220904-09
8171	nw_inf_ch ange																			948.9	219.279	0	2363	2375		2022-09- 04T08:27: 18	36.6	
8170	nw_sup_c hange																			948.9	218.975	0	2363	2375		2022-09- 04T08:27: 16	37.0	
8169	reeling_ex change	153.93341 06445312 5	40.050708 77075195	5.9091362 95318603 5	0.0	0.0	2.0189750 19454956	357.70861 81640625	410.46249 38964844	176.83978 27148437 5	0.0	29.528602 60009765 6	9.7352867 12646484	299.74447 63183594	393.82467 65136719	135.63652 03857422	0.0	22.314453 125	7.3859562 87384033	951.1	221.741	2387	2362	2375	2022-09- 04T06:26: 26	2022-09- 04T07:26: 50	37.1	20220904-08
8168	change	3/4511/2	1940918			0.0	1.7404891 2525177	309.50018 31054687 5	354.80172 72949219	152.84764 09912109 4	0.0	25.489583 96911621	8.4154033 66088867	259.26574 70703125	340.49221 80175781	117.32630 15747070 3	0.0	19.347047 80578613 3	6.4162716 86553955	952.4	222.289	2387	2367	2378		2022-09- 04T06:26: 26	36.9	20220904-07
8167	reeling_ex change	112.98584 74731445 3	29.404539 10827636 7	4.3197731 97174072	0.0	0.0	1.4851549 86381530 8	261.76608 27636719	299.74493 40820312 5	129.09191 89453125	0.0	21.512559 89074707	7.1040287 01782227	218.76580 81054687 5	287.29776 00097656	98.990531 92138672	0.0	16.290735 24475097 7		954.2	222.028	2408	2383	2394		2022-09- 04T05:26: 04	36.9	20220904-06
8166	nw_inf_ch ange																			948.9	221.267	0	2340	2352		2022-09- 04T05:25: 27	36.8	
8165	nw_inf_ch ange																			948.9	221.267	0	2340	2352		2022-09- 04T05:25: 27	36.8	
8164	reeling_ex change	91.128807 0678711	23.710063 93432617 2	3.4889426 23138427 7	0.0	0.0				104.97878 26538086		4	5	5	5	52685547	0.0	13.291667 93823242 2	4.3899593 35327148	947.1	219.548	2387	2363	2375		2022-09- 04T04:25: 05	37.1	20220904-05
8163				04232788		0.0	0.9354944 82517242 4	163.72651 67236328	188.52894 59228515 6	81.178825 37841797		13.543051 71966552 7						10.276560 78338623	3.3988542 55676269 5	948.4	221.53	2386	2366	2378		2022-09- 04T03:24: 43	36.6	20220904-04
8162	reeling_ex change	50.266059 87548828	13.079747 20001220 7	1.9285584 68818664 6	0.0	0.0	0.6664724 34997558 6	115.26078 79638671 9	132.77772 52197265 6	57.175518 03588867	0.0	9.5011539 45922852	3.1504659 65270996	96.815101 62353516	126.85356 14013671 9	43.801956 17675781	0.0	7.2211837 76855469	2.3787779 80804443 4	963.8	227.256	2474	2448	2460		2022-09- 04T02:24: 20	36.7	20220904-03
8161	nw_sup_c hange																			960.3	222.937	0	2340	2352	2022-09- 04T02:23: 54	2022-09- 04T02:23: 54	37.2	
8160	nw_inf_ch ange																			959.0	222.214	0	2111	2122		2022-09- 04T02:23: 45	36.6	
8159	reeling_ex change		40424206	1.1092653 27453613 3	0.0	0.0	0.3829099 53594207 76	65.432395 9350586	75.317619 32373047	32.410034 1796875	0.0	44812012	4	6		6		4.1208443 6416626	1.3623497 48611450 2	943.1	220.291	2366	2340	2352	04T00:21: 51	2022-09- 04T01:21: 44	36.6	20220904-02
8158				0.2885411 97776794 43		0.0	01	•		8.6873931 88476562				15.005879 40216064 5	19.754388 8092041	6.7944321 63238525	0.0	65771484 4	0.3794213 23537826 54		218.66	2367	2345	2355	2022-09- 03T23:22	2022-09- 04T00:21: 51	37.1	20220904-01
8157	reeling_ex change	518.20147 70507812	41.178802 49023437 5	16.701339 72167968 8	0.0	0.0	5.8281502 72369385	1062.0675 04882812 5	1174.1298 828125	579.23474 12109375	0.0	87.702423 09570312	29.110466 00341797	911.88665 77148438	1135.4078 36914062 5	453.22860 71777344	0.0	67.902603 14941406	22.376016 61682129	924.6	207.651	2303	2280	2293	2022-09- 03T22:23: 40	2022-09- 03T23:22	36.9	20220903-22
8156	nw_inf_ch ange																			919.8	204.186	0	2325	2327	2022-09- 03T23:21: 24	2022-09- 03T23:21: 24	36.9	
8155	nw_sup_c hange																			919.8	204.165	0	2325	2327		2022-09- 03T23:21: 21	37.1	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8154		498.23001 09863281			0.0	0.0	5.5679969 78759766	1018.0139 16015625	1123.3138 42773437 5	557.34515 38085938 0.	.0	84.052787 78076172	27.886787 41455078	874.57281 49414062	1086.6812 74414062 5	436.34353 63769531	0.0	65.109100 34179688	21.471559 52453613 3	886.3	189.481	2132	2111	2122	2022-09- 03T21:29: 54	2022-09- 03T22:23: 40	36.9	20220903-21
8153	reeling_ex change	479.18429 56542969	31.080694 1986084	15.160913 46740722 7	0.0	0.0	5.3182854 65240478 5	977.26574 70703125	1076.2545 16601562 5	537.06909 1796875	.0			839.71942 13867188				62.544292 44995117	20.631282 80639648 4	229.8	10.6251	137	136	137	2022-09- 03T21:26: 21	2022-09- 03T21:29: 54	36.9	20220903-20
8152				15.140943 52722168	0.0	0.0	02978516	79296875	53515625		.0			837.39410 40039062				91552734 4	20.568883 89587402 3		197.585	2221	2202	2214	2022-09- 03T20:29: 57	2022-09- 03T21:26: 21	36.7	20220903-19
8151	reeling_ex change	459.49508 66699219	25.965358 73413086	14.373438 83514404 3	0.0	0.0	5.0567860 60333252	932.42095 94726562	1024.4863 28125	514.76586 9140625 0.	.0	77.007881 16455078	25.559595 10803222 7	801.78973 38867188	991.47473 14453125	403.36239 62402344	0.0	59.734470 36743164	19.693576 81274414	181.4	- 0.0273541	413	412	415	2022-09- 03T18:49: 36	2022-09- 03T20:29: 57	37.1	20220903-18
8148	nw_inf_ch ange																			952.4	230.42	0	2334	2325	15	03T18:49: 15	37.1	
8147	nw_inf_ch ange																			952.4	230.42	0	2334	2325	2022-09- 03T18:49: 15	03T18:49: 15	37.1	
8146	reeling_ex change	424.17996 21582031	22.137197 49450683 6	13.234230 99517822 3	0.0	0.0	24163818	47265625	96679688			71.757034 30175781						55.759040 83251953		959.1	232.091	2385	2325	2327	2022-09- 03T16:49		37.2	20220903-17
8145	criarige	333373	73433433			0.0	03317871	39048438	3515625					706.60638 42773438				52.622150 42114258	17.346544 26574707	962.4	230.447	2385	2331	2333	2022-09- 03T15:48: 39	2022-09- 03T16:49	37.1	20220903-16
8144	reeling_ex change	373.13644 40917969	19.497285 84289550 8	11.619907 37915039	0.0	0.0	4.0999794 00634766	771.21911 62109375	846.64367 67578125	426.38085 9375	.0	63.607891 08276367	21.136049 27062988 3	664.43176 26953125	819.54443 359375	334.80807 49511719	0.0		16.322549 81994629	948.9	228.584	2350	2300	2289	09	03T15:48: 39	36.6	20220903-15
8143	nw_sup_c hange																			942.7	226.991	0	2326	2330	09	03T15:48: 09	37.0	
8142	nw_inf_ch ange																			942.3	227.155	0	2326	2330	08	03T15:48: 08	36.6	
8141	criarige	49311719	01700043			0.0	89541626	59375	1796875	399.43817 13867187 0. 5				622.88330 078125				30423701	15.303762 43591308 6		230.447	2385	2334	2325	47	03T14:49: 09	36.9	20220903-14
8140				10.055125 23651123		0.0	5	03123	040023			55.438323 97460937 5						07 15552		958.1	229.731	2385	2335	2332	03T12:48: 27	2022-09- 03T13:48: 47	36.8	20220903-13
8139	reeling_ex change	297.94836 42578125	15.708187 10327148 4	9.2848596 57287598	0.0	0.0	3.2756683 82644653 3	624.22210 69335938	685.10998 53515625	345.11416 62597656	.0	51.413970 94726562 5	17.111948 01330566 4	538.59558 10546875	662.86309 81445312	271.53820 80078125	0.0		13.223991 39404296 9	951.9	232.593	2407	2350	2348	32	03T12:48: 27	36.7	20220903-12
8138	nw_sup_c hange																			947.1	230.799	0	2325	2322	51	03T12:47: 51	36.9	
8137	nw_sup_c hange																			947.1	230.799	0	2325	2322	51	03T12:47: 51	36.9	
8136	change	21///344	13084082	8.5124769 21081543		0.0	5	94140625	31054688			47.262573 2421875						66967773 4	12.197546 00524902 3		230.447	2385	2326	2330	11	03T11:47: 32	36.7	20220903-11
8133	reeling_ex change	49462890 6	12.184188 84277343 8	7.1018743 51501465	0.0	0.0	2.4956080 9135437	475.97998 046875	522.24237 06054688	263.10409 54589844 0.	.0	39.154209 13696289	13.023006 43920898 4	411.97811 88964844	504.91366 57714844	55566406 2	0.0	30.695135 11657715	10.151056 28967285 2	921.1	215.715	2234	2177	2175	19	03T09:46: 52	37.1	20220903-10
8132	nw_inf_ch ange																			917.6	212.941	0	2329	2329	03T09:46: 23	2022-09- 03T09:46: 23	37.2	
8131	nw_inf_ch ange		44.40000				0.0500455			227 02275		25 44727	44 70474			407 0000				917.6	212.941	0	2329	2329	23	03T09:46: 23	37.2	
8130	reeling_ex change	205.16638 18359375	11.108686 44714355 5	6.4256806 37359619	0.0	0.0				237.82675 17089843 0.8				372.66650 390625				40040332	9.1660833 35876465		224.42	2385	2325	2322	57	03T08:50: 19	36.7	20220903-09
8129				5.7368431 09130859		0.0				210.74893 18847656 0. 2								11002000	8.1231575 01220703		225.348	2385	2330	2331	38	03T07:49: 57	37.0	20220903-08
8128	reeling_ex change	158.83381 65283203	8.8021965 02685547	4.9816832 54241943	0.0	0.0	1.7498168 9453125	332.56054 6875	364.74206 54296875	183.73063 65966797 0.	.0	27.337362 28942871	9.0998735 42785645	288.44024 65820312 5	351.68615 72265625	145.42198 18115234 4	0.0	21.508724 21264648 4	7.0856456 7565918	946.8	221.376	2326	2267	2267	03T05:50: 44	2022-09- 03T06:49: 38	36.9	20220903-07
8127	nw_inf_ch ange																			941.8	220.601	0	2325	2328	2022-09- 03T06:48: 59	2022-09- 03T06:48: 59	37.3	

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8126	nw_inf_ch ange																			941.8	220.601	0	2325	2328	2022-09- 03T06:48: 59	2022-09- 03T06:48: 59	37.3	
8125	reeling_ex change	136.10527 03857422	7.5530686 378479	4.2556562 42370605 5	0.0	0.0	1	13709331	17203130			23.480812 07275390 6	7.8182001 1138916	246.79972 83935547	300.84613 03710937 5	124.41834 25903320 3	0.0	3	10444024	961.7	227.99	2385	2329	2329	2022-09- 03T04:50: 23	2022-09- 03T05:50: 44	37.0	20220903-06
8124	reeling_ex change	113.18541 71752929 7	6.2749314 3081665	3.5440094 47097778 3	0.0	0.0	1.2493745 08857727	236.19882 20214843 8	259.25366 2109375	130.58320 61767578	0.0				249.14581 29882812 5			15.189209 93804931 6	5.0248136 52038574	964.7	228.972	2385	2334	2334	2022-09- 03T03:50: 04	2022-09- 03T04:50: 23	36.7	20220903-05
8123	reeling_ex change	90.693649 29199219	5.0303134 91821289	2.8420963 28735351 6	0.0	0.0	1.0062022 20916748	187.18017 578125	205.47648 62060547	103.49602 50854492 0 2	0.0	15.411207 19909668	5.1242465 97290039	161.95909 11865234 4	197.40515 13671875	81.658805 84716797	0.0	66680908	3.9761157 03582763 7	946.6	223.117	2327	2268	2271	2022-09- 03T02:51: 08	2022-09- 03T03:50: 04	36.7	20220903-04
8122	nw_sup_c hange																			940.5	220.737	0	2325	2328	2022-09- 03T03:49: 37	2022-09- 03T03:49: 37	37.1	
8121	nw_inf_ch ange																			939.2	220.428	0	2326	2322	2022-09- 03T03:49: 28	2022-09- 03T03:49: 28	36.6	
8120	reeling_ex change	67.473464 96582031	3.7364721 29821777 3	2.1253244 87686157 2	0.0	0.0				77.014709 47265625				120.49767 30346679 7	146.78596 49658203	60.737739 56298828	0.0	8.9458780 28869629	2.9706039 42871093 8	959.9	228.778	2385	2325	2328	2022-09- 03T01:50: 47	2022-09- 03T02:51: 08	37.0	20220903-03
8119	reeling_ex change	43.966953 27758789	2.4471101 76086426	1.3875497 57957458 5	0.0	0.0	8	10004000	33013234			7.4467806 81610107						5.7980747 22290039	1.9249659 77668762 2	962.8	229.52	2386	2334	2336	2022-09- 03T00:50: 25	2022-09- 03T01:50: 47	37.1	20220903-02
8118	reeling_ex change	20.615320 20568847 7		0.6420468 68801116 9	0.0	0.0	0.2272625 41651725 77	41.703533 17260742	45.805328 36914062 5	23.052095 41320800 0 8	0.0	3.4594111 44256592	1.1515012 97950744 6	36.077529 90722656	43.732246 39892578	18.178318 02368164	0.0	2.6509418 48754883	0.8896910 54821014 4	946.7	224.9	2352	2291	2289	2022-09- 02T23:50: 54	2022-09- 03T00:50: 25	37.0	20220903-01
8117	nw_sup_c hange																			943.6	221.98	0	2326	2322	03T00:50	2022-09- 03T00:50 2022-09-	37.1	
8116	nw_inf_ch ange																			942.3	221.404	0	2337	2332	03T00:49: 51	03T00:49: 51	36.9	
8115	reeling_ex change	588.05523 68164062	31.518251 41906738 3	18.352535 24780273 4	0.0	0.0				638.95806 88476562		95.281990 05126953						0390023	24.601514 81628418	953.7	228.159	2385	2326	2322	2022-09- 02T22:50: 32	2022-09- 02T23:50: 54	37.0	20220902-22
8114	reeling_ex change	564.16229 24804688	30.175163 26904297	17.611339 56909179 7	0.0	0.0	6.1556620 59783935 5	1107.5747 0703125	1213.8316 65039062 5	611.82513 42773438	0.0	91.212837 21923828	30.332069 39697265 6	956.54815 67382812	1166.2048 33984375	482.20141 6015625	0.0	71.312721 2524414	23.555524 82604980 5	957.7	228.875	2385	2330	2327	2022-09- 02T21:50: 13	2022-09- 02T22:50: 32	36.9	20220902-21
8111	nw_sup_c hange																			947.6	220.687	0	2337	2332	2022-09- 02T21:49: 46	2022-09- 02T21:49: 46	37.1	
8110	nw_inf_ch ange																			946.7	220.473	0	2337	2333	2022-09- 02T21:49: 37	2022-09- 02T21:49: 37	36.6	
8109	reeling_ex change	515.90515 13671875	27.612464 90478515 6	16.106014 25170898 4	0.0	0.0	5715332	625	1107.1027 83203125	23828125	0.0				1064.3206 78710937 5			65.061393 73779297	21.506765 36560058 6	966.9	226.853	2385	2337	2332	2022-09- 02T19:50: 30	2022-09- 02T20:51: 08	36.5	20220902-20
8108				03704834		0.0				530.75659 1796875					1012.8500 36621093 8			61.855915 06958008	20.441923 14147949 2	964.8	226.305	2385	2342	2336	2022-09- 02T18:49: 53	2022-09- 02T19:50: 30	36.9	20220902-19
8107	reeling_ex change	465.85397 33886719	25.161102 29492187 5	14.543838 50097656 2	0.0	0.0	5.0832324 02801514	911.51489 2578125	998.83343 50585938	503.47091 67480469	0.0	74.994812 01171875	24.964303 97033691 4	787.97662 35351562	961.54553 22265625	397.22479 24804687 5	0.0	58.710151 67236328	19.400974 27368164	949.6	218.229	2321	2271	2269	2022-09- 02T17:50: 50	2022-09- 02T18:49: 53	36.7	20220902-18
8106	nw_sup_c hange																			943.6	218.937	0	2337	2333	2022-09- 02T18:49: 27	2022-09- 02T18:49: 27	37.1	
8105	nw_inf_ch ange																			942.3	218.457	0	2336	2333	02T18:49: 18	2022-09- 02T18:49: 18	36.6	
8104	reeling_ex change	441.27868 65234375	23.945775 98571777 3	13.782752 03704834	0.0	0.0			946.6875	477.19940 18554687 0 5		71.095558 1665039					0.0	01318359	18.382503 50952148 4		225.137	2385	2337	2333		2022-09- 02T17:50: 50	36.7	20220902-17
8103				12.986529 35028076 2		0.0	9/332/04	09140025	8046875			11392518	80114746	52929688	859.24957 27539062	30078125			17.334377 28881836		228.256	2385	2341	2339		2022-09- 02T16:50: 10	37.2	20220902-16
8102	reeling_ex change	389.62445 06835937 5	21.377311 70654297	12.179780 96008300 8	0.0	0.0	4.2478284 83581543	764.98046 875	838.32830 81054688	422.57659 91210937 0 5	0.0	62.950965 88134765 6	20.928089 14184570 3	661.44696 04492188	807.64990 234375	333.38159 1796875	0.0	49.235424 04174805	16.282409 66796875	942.3	220.568	2321	2274	2271	2022-09- 02T14:50: 30	02T15:49:	37.1	20220902-15
8101	nw_inf_ch ange																			937.4	218.985	0	73	73	2022-09- 02T15:48: 59	2022-09- 02T15:48: 59	37.1	
8100	nw_sup_c hange																			937.4	219.051	0	73	73	2022-09- 02T15:48:	2022-09- 02T15:48:	36.5	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
8100	nw_sup_c hange																			937.4	219.051	0	73	73	58	58	36.5	
8095	reeling_ex change	312.88357 54394531	17.101688 38500976 6	9.7785530 09033203	0.0	0.0	3.4081645 01190185 5	618.58392 33398438	677.67864 99023438	341.58172 60742187 5	0.0	50.861431 12182617	16.913288 11645507 8	535.62744 140625	654.48229 98046875	269.91369 62890625	0.0	39.935352 32543945		931.7	213.803	2291	2240	2238		2022-09- 02T12:49: 14	36.8	20220902-14
8094	nw_sup_c hange																			927.7	214.206	0	73	73	2022-09- 02T12:48: 44	2022-09- 02T12:48: 44	37.2	
8093	nw_inf_ch ange																			926.9	214.08	0	2334	2334	2022-09- 02T12:48: 38	2022-09- 02T12:48: 38	36.8	
8092	reeling_ex change	288.78634 64355469	15.772589 68353271 5	9.0264787 6739502	0.0	0.0	3.1451807 02209472 7	571.78332 51953125	626.33593 75	315.71054 07714844	0.0	46.999877 9296875	15.613092 42248535 2	495.64755 24902344	605.58233 64257812	249.76292 41943359 4	0.0	36.936096 19140625	12.205705 64270019 5	225.8	5.38567	74	73	73		2022-09- 02T11:51: 03	37.0	20220902-13
8091	reeling_ex change	288.59454 34570312 5	15.758665 08483886 7	9.0264787 6739502	0.0	0.0	3.1451807 02209472 7	569.84826 66015625	624.21350 09765625	314.63922 11914062 5	0.0	46.821762 08496094							12.177509 30786132 8	954.6	224.325	2385	2333	2331	2022-09- 02T10:48: 24	2022-09- 02T11:49: 03	36.6	20220902-12
8090				8.2114467 62084961		0.0						42.827713 01269531						33.729454	11.162076 95007324 2		224.758	2385	2339	2337	2022-09- 02T09:47:		37.0	20220902-11
8089				7 4617067		0.0	2.6010775 56610107 4				0.0		40.005000			000 05400			10.122163 77258300 8	960.8	219.488	2336	2284	2285	2022-09- 02T08:48:		37.1	20220902-10
8088	nw_sup_c hange	7					-					3	•			,				955.9	217.375	0	2336	2336	2022-09- 02T09:47:		36.9	
8087	nw_sup_c hange																			955.9	217.375	0	2336	2336	2022-09- 02T09:47:		36.9	
8086	reeling_ex change	215.37812 80517578	11.667087 55493164	6.7209534 64508057	0.0	0.0	2.3494911 19384765 6	425.04232 78808594	465.62710 57128906	234.71926 87988281	0.0	34.948478 69873047	11.608441 35284423	369.84078 97949219	449.76660 15625	186.36642 45605468	0.0	27.518524 16992187	9.1150169 3725586	973.6	224.758	2385	2334	2334	2022-09- 02T07:47:		37.1	20220902-09
8085	reeling_ex change	07333313	10.326154 70886230 5	5.9638547 89733887	0.0	0.0	2.0778441 42913818 4										0.0	24.426019	8.0786352 15759277	975.3	224.42	2385	2340	2339	2022-09-		36.6	20220902-08
8084	reeling_ex change			5.1934208 86993408	0.0	0.0				180.79058		26.934276 58081054 7					0.0	21.269437 78991699	7.0098781 58569336	953.7	225.429	2367	2317	2316	2022-09- 02T05:46:		36.7	20220902-07
8083	nw_sup_c hange						_			3		•		•	3	_				950.2	223.35	0	2336	2336	2022-09-		37.2	
8082	nw_inf_ch ange																			949.3	224.652	0	2336	2336	2022-09-		37.1	
8081	reeling_ex change	142.01060 48583984	7.5941700 93536377	4.4294242 85888672	0.0	0.0	1.5423488 61694336	279.02581 78710937	305.62289 42871094	154.06512 45117187 5	0.0	22.929838 18054199	7.6380972 86224365	243.19361 87744140	295.68341 06445312 5	122.54875 18310546	0.0	18.121896 74377441		961.7	224.662	2385	2336	2336	2022-09-		36.6	20220902-06
8080			6.1494679 45098877	3.6154072 28469848 6	0.0	0.0	1.2639559	230.40110	252.36196				6 3061047	200.91244	244 22640	101.23912 04833984	0.0	14.984211 92169189	4.9365959 16748047	960.7	228.087	2385	2342	2341	2022-09- 02T03:45:		37.0	20220902-05
8079	reeling_ex		4.8354606	2.8800468	0.0	0.0	1.0039494 03762817	182.19058 22753906 2	199.58036 80419922	100.62023 16284179	0.0	14.973011		158.28419	192.45289 61181640 6		0.0	44 770000		954.4	218.47	2327	2277	2277	2022-09-		36.9	20220902-04
8078	nw_sup_c hange						7	_		•		3						3		948.4	217.621	0	2336	2336	2022-09- 02T03:45:		37.1	
8077	nw_inf_ch ange																			947.6	216.982	0	2334	2336	2022-09- 02T03:45	2022-09-	36.7	
8076	reeling_ex change	68.188156 12792969	3.4752192 49725342	2.1256413 45977783	0.0	0.0	0.7451314 92614746 1	17285156	147.51901 24511718 8	74.363929 74853516	0.0	11.084789 27612304 7	3.6761116 98150634 8	116.80052 18505859 4	141.99575 80566406 2	58.831157 68432617	0.0	8.6915826 79748535	2.8762257 09915161	967.8	224.325	2386	2336	2336	2022-09-	2022-09- 02T02:46:	37.0	20220902-03
8075	reeling_ex change	44.838405 60913086	2.1830179 69131469 7	1.3970239 16244506 8	0.0	0.0	0.4945350 58736801 15	85.810050 96435547	94.050239 56298828	47.397792 81616211	0.0	7.0801968 57452393	2.3422353 26766967 8	74.555282 59277344	90.691688 53759766	37.568244 93408203	0.0	5.5394263 26751709	1.8196030 85517883 3	969.2	226.064	2385	2343	2340	2022-09- 02T00:45:		36.6	20220902-02
8074	reeling ex		0.9059010	0.5771089 19620513		0.0	0.2038846 16494178 77					3.0577733 51669311	1.0082392 69256591	31.985254 28771972	38.884525	16.101476 66931152			0.7712476 25350952 1		222.652		2290	2291	2022-09- 01T23:45: 28	02T00:45:	37.1	20220902-01
8073	nw_sup_c hange																				219.856	0	2334	2336	2022-09-	2022-09- 02T00:44:	36.8	
8072	nw_inf_ch ange																			951.1	219.31	0	2332	2332	2022-09-	2022-09- 02T00:44:	36.8	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
8071	reeling_ex change	593.22204 58984375	31.394735 33630371	18.568607 33032226 6	0.0	0.0				637.46868 89648438		95.414451 5991211	31.602132 79724121	988.44451 90429688	1223.6569 82421875	498.14343 26171875	0.0	1118164	24.318264 00756836	967.4	223.399	2386	2334	2336	2022-09- 01T22:44: 49	2022-09- 01T23:45: 28	37.1	20220901-25
8070	criarige	00470302	7300310			0.0	5	5	0340073			91.333122 25341797	30.238315 58227539	946.05767 82226562	1172.1658 93554687 5	476.80728 14941406	0.0	4350586	'	968.7	225.516	2385	2340	2342	2022-09- 01T21:44: 12	2022-09- 01T22:44: 49	36.7	20220901-24
8069	reeling_ex change	543.81909 1796875	28.969465 25573730 5	17.011594 77233886 7	0.0	0.0	5.9287228 58428955	1058.8392 33398437 5	1157.2607 421875	583.19989 01367188	0.0	87.249732 9711914	28.873895 6451416	904.50323 48632812	1121.4632 56835937 5	455.86633 30078125	0.0	67.241889 95361328	22.279644 01245117 2	947.1	220.025	2306	2254	2255	2022-09- 01T20:45: 31	2022-09- 01T21:44: 12	36.9	20220901-23
8068	nw_inf_ch ange																			942.3	216.826	0	2329	2329	2022-09- 01T21:43: 35	2022-09- 01T21:43: 35	36.6	
8067	nw_sup_c hange																			942.3	216.528	0	2329	2329	2022-09- 01T21:43: 33	2022-09- 01T21:43: 33	37.2	
8066	reeling_ex change	518.36413 57421875	27.702810 28747558 6	16.219072 34191894 5	0.0	0.0	5.6508021 35467529	1011.4379 27246093 8	1105.2593 99414062 5	556.95147 70507812	0.0	83.346397 39990234	27.565053 93981933 6	864.21923 828125	1071.5219 7265625	435.57528 68652344	0.0	64.272941 58935547	21.292972 56469726 6	964.8	224.21	2385	2332	2332		2022-09- 01T20:45: 31	36.7	20220901-22
8065	reeling_ex change	491.63696 2890625		15.386247 63488769 5	0.0	0.0	5.3596801 7578125	962.41168 21289062	1051.4174 8046875	529.82800 29296875	0.0	79.199592 59033203	26.204788 20800781 2	822.61846 92382812	1019.6317 13867187 5	414.59631 34765625		39575195	20.257961 27319336	966.1	224.873	2385	2337	2337	2022-09- 01T18:44: 15	2022-09- 01T19:44: 52	37.1	20220901-21
8064	reeling_ex change	465.73010 25390625	25.112188 3392334	14.586176 87225341 8	0.0	0.0	5.0778555 87005615	913.43237 3046875	997.62725 83007812	502.71270 75195312 5	0.0	75.175155 63964844	24.842021 94213867 2	780.82775 87890625	967.66339 11132812	393.54238 89160156	0.0	58.018676 7578125	19.227258 68225097 7	943.6	219.416	2310	2255	2256		2022-09- 01T18:44: 15	37.2	20220901-20
8063	nw_sup_c hange																			940.0	217.259	0	2329	2329	2022-09- 01T18:43: 48	2022-09- 01T18:43: 48	37.1	
8062	nw_inf_ch ange																			938.8	216.78	0	2329	2329	2022-09- 01T18:43: 40	2022-09- 01T18:43: 40	37.2	
8061	reening_ex	71289062	23.769817 35229492 2	54968261	0.0	0.0	4.7824177 74200439 5	865.23022 4609375	944.68981 93359375	476.03213 50097656	0.0	71.146446 22802734	23.507354 73632812 5	740.26715 08789062	917.19384 765625	373.09671 02050781	0.0	54.983371 73461914	16320800 8		226.516	2385	2329	2329	2022-09- 01T16:44: 50	2022-09- 01T17:45: 29	37.2	20220901-19
8060	change	40082031	03955078			0.0	4.4874987 60223389	816.10290 52734375	890.75335 69335938	448.86026 00097656	0.0				864.58917 23632812			51.897357 94067383	17.178241 72973632 8	963.8	229.141	2385	2338	2335	2022-09- 01T15:44: 13	2022-09- 01T16:44: 50	36.4	20220901-18
8059	reeling_ex change	384.78732 29980469	20.823095 32165527 3	12.077027 32086181 6	0.0	0.0	4.1964139 93835449	766.32763 671875	836.14965 8203125	421.32684 32617187 5	0.0	62.959014 89257812 5	20.820600 50964355 5	655.73181 15234375	812.10540 77148438	330.50991 82128906	0.0	48.690116 88232422	16.133655 54809570 3	949.8	223.66	2310	2255	2254		2022-09- 01T15:44: 13	36.7	20220901-17
8058	nw_sup_c hange																			946.2	220.774	0	2329	2329	2022-09- 01T15:43: 48	2022-09- 01T15:43: 48	36.8	
8057	nw_inf_ch ange																			944.9	221.243	0	2330	2330	2022-09- 01T15:43: 38	2022-09- 01T15:43: 38	36.8	
8056	reeling_ex change	358.50024 4140625	19.368606 56738281 2	11.260377 88391113 3	0.0	0.0	3.9069480 89599609 4			394.88681 03027344		59.050521 85058594	19.520486 83166504	615.00183 10546875	761.23950 1953125	309.98226 92871094	0.0		15.112688 06457519 5	967.4	227.99	2386	2329	2329	2022-09- 01T13:44: 46	2022-09- 01T14:45: 25	37.0	20220901-16
8055	reeling_ex change	332.53793 33496094	17.945411 68212890 6	10.457074 16534423 8	0.0	0.0	6	34375	53320312			54.970958 7097168	18.160522 4609375	572.89819 3359375	708.76226 80664062	288.77648 92578125	0.0	77490234 4	14.083660 12573242 2		227.708	2385	2336	2336	2022-09- 01T12:44: 09	2022-09- 01T13:44: 46	37.3	20220901-15
8054	reeling_ex change	306.57382 20214844	16.517292 02270507 8	9.6643447 87597656	0.0	0.0	3.3426718 71185302 7	619.86523 4375	675.70190 4296875	340.39254 76074219	0.0	50.919296 26464844	16.826215 74401855 5	530.85479 73632812	656.33239 74609375	267.59066 77246094	0.0	39.405769 34814453	13.076629 63867187 5	961.7	232.245	2417	2359	2361	2022-09- 01T11:42: 40	2022-09- 01T12:44: 09	37.1	20220901-14
8053	nw_sup_c hange																			958.1	230.977	0	2330	2330		2022-09- 01T12:43: 41	37.0	
8052	nw_inf_ch ange																			957.3	229.675	0	2331	2332	2022-09- 01T12:43: 33	2022-09- 01T12:43: 33	37.2	
8051	reeling_ex change					0.0				312.60369 87304687 5					602.90527 34375			36.252590 17944336	12.009569 16809082	958.6	228.327	2385	2330	2330	01T10:42	01111:42: 40		20220901-13
8050	reeling_ex change					0.0				285.65509 03320312 5					550.05541 9921875			16186523	10.990119 93408203 1	971.4	225.78	2386	2339	2336		2022-09- 01T10:42	37.1	20220901-12
8049	reeling_ex change	232.53643 79882812 5	12.456940 65093994 1	7.3468723 29711914	0.0	0.0	2.5351779 46090698 2	471.82162 47558594	513.54357 91015625	258.69445 80078125	0.0	38.709980 01098633	12.784873 96240234 4	404.18026 73339844	497.29498 29101562 5	203.77897 64404297	0.0	30.028299 33166504	9.9628677 36816406	958.1	226.683	2367	2314	2315	2022-09- 01T08:41: 10	2022-09- 01T09:41: 22	37.1	20220901-11
8048	nw_sup_c hange																			954.2	222.054	0	2331	2332	2022-09- 01T09:40: 51	2022-09- 01T09:40: 51	37.2	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	ВЗ	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
8047	nw_inf_ch ange																			953.3	221.576	0	2333	2334	2022-09- 01T09:40: 44	2022-09- 01T09:40: 44	37.2	
8046	reeling_ex change	207.22032 16552734 4	11.073431 01501464 8	6.5638318 06182861	0.0	0.0	2.2595145 70236206	423.19451 90429687 5	460.32601 92871094	231.86549 37744140 0 6	0.0	34.736232 75756836						26.912786 48376465	8.9329071 04492188	965.6	227.876	2385	2331	2332	2022-09- 01T07:40: 31	2022-09- 01T08:41: 10	37.3	20220901-10
8045	reeling_ex change	184.36454 77294922	9.8173770 90454102	5.8553028 10668945	0.0	0.0	2.0074610 71014404 3	373.91488 64746094	406.46493 53027344	204.71951 29394531 0 2	0.0	30.690433 50219726 6	10.122427 94036865 2	319.68502 80761719	394.11605 83496094	161.20613 09814453	0.0		7.8724260 33020019 5	971.6	227.045	2385	2337	2336	2022-09- 01T06:39: 53	2022-09- 01T07:40: 31	36.6	20220901-09
8044	reeling_ex change	160.17866 51611328	8.4701938 62915039	5.0831246 3760376	0.0	0.0	1.7438974 38049316 4	324.58065 79589844	352.54476 92871094	177.56913 75732422 0	0.0	26.585094 45190429 7	8.7922983 16955566	277.06329 34570312 5	341.95654 296875	139.69686 88964843 8	0.0	20.636178 97033691 4	6.8419461 25030518	953.3	220.458	2323	2269	2270	2022-09- 01T05:40: 47	2022-09- 01T06:39: 53	36.8	20220901-08
8043	nw_sup_c hange																			946.2	220.362	0	2333	2334	2022-09- 01T06:39: 25	2022-09- 01T06:39: 25	36.6	
8042	nw_inf_ch ange																			945.4	219.513	0	122	122	2022-09- 01T06:39: 18	2022-09- 01T06:39: 18	36.7	
8041	change	00904373	74121094			0.0	8	0020120	32030713	151.10708 61816406 0 2		3	00002010		1030020	8		17.517515 18249511 7			229.423	2386	2333	2334	2022-09- 01T04:40: 07	2022-09- 01T05:40: 47	36.7	20220901-07
8040	change	0/133/09	91094971			0.0				123.96595 00122070 0 3	0.0	84741211	61151123	193.21020 5078125	46044922	609375		30012733	4.7692408 56170654		227.064	2386	2338	2336	2022-09- 01T03:39: 30	2022-09- 01T04:40: 07	37.1	20220901-06
8039	reeling_ex change	88.127212 52441406	4.4913077 35443115	2.8141772 74703979 5	0.0	0.0	0.9600205 42144775 4	37 303201	192.43191 52832031 2	96.961517 33398438 0	0.0	14.555297 8515625	4.7746644 02008057	151.43368 53027343 8	186.12184 14306640 6	76.343482 9711914	0.0	11.279320 71685791	3.7309679 98504638 7	900.8	198.395	2106	2056	2057	02	01T03:39: 30	36.6	20220901-05
8038	nw_sup_c hange																			897.8	196.392	0	122	122	04	01T03:39: 04	37.2	
8037	nw_inf_ch ange																			896.4	195.821	0	2328	2329	55	01T03:38: 55	36.9	
8036	change		63357544	4		0.0	0.7286427 61707305 9	85546875	10107422	13134766	0.0	11.039230 34667968 8	4	6	89111328	1496582		10020	2.8354768 75305176		10.1568	126	122	122	44	01T02:46: 02	37.0	20220901-04
8035				2.1027915 47775268 6		0.0	0.7199629 54521179 2	17919922	89013672	68652344	0.0		3	4	2	0910437	0.0	2007 1200	3	940.6	215.605	2285	2233	2234	2022-09- 01T01:44: 39	01T02:42: 44	37.2	20220901-03
8034				1.3801482 91587829 6		0.0	•			45.972755 43212890 0 6		6.9251284 5993042					0.0	77947998	2	1004.4	244.009	2582	2529	2529	2022.00	33	37.0	20220901-02
8033	reeling_ex change	11810302 7	54402160	0.5191493 63040924 1	0.0	0.0	63138008 12	31.870904 92248535	33.746704 1015625	16.998136 52038574 0 2	0.0	2.5713181 49566650 4	62168121	85620117 2	33.811565 39916992	07305908	0.0	2.0189487 93411255	0.6805809 73625183 1	946.2	222.19	2373	2314	2314	2022-08- 31T23:38: 38 2022-09-	01100.39	36.8	20220901-01
8032	nw_sup_c hange																			942.3	219.124	0	2181	2183		01T00:38: 26	36.9	
8031	nw_sup_c hange		20.000700	40 470400			0.2202020	4000 4424	4480 4040				20 002224		4450.0570				22 027245	942.3	219.124	0	2181	2183		01T00:38: 26	36.9	
8030	onunge	04070	4	18.472496 03271484 4		0.0	5	5		77734375	0.0	89.699729 9194336					0.0	05419922	U		220.66	2385	2328	2329	31122.36	2022-08- 31T23:38: 38	36.7	20220831-24
8029	onunge	44140020	20070410			0.0				572.36566 16210938 0		04000200	02700200		5	5		00010020			221.85	2385	2339	2333	2022-08- 31T21:37: 22	31122.30	36.7	20220831-23
8028	reeling_ex change	530.65563 96484375	26.572034 83581543	16.858346 93908691 4	0.0	0.0	5.7902359 96246338	991.85266 11328125	1083.6059 5703125	546.08746 33789062 0	0.0	81.789794 921875	27.071371 07849121	849.50134 27734375	59179687 5	428.22250 36621094	0.0	63.268241 88232422	20.907602 31018066 4	925.1	204.945	2233	2181	2182	34	31T21:37: 22	36.8	20220831-22
8027	nw_sup_c hange																			920.7	203.413	0	2181	2183	48	31T21:36: 48	37.1	
8026	nw_inf_ch ange												25 050220		1010 0047			60 400544	10.000040	919.8	203.354	0	2328	2324	42	31T21:36: 42	37.0	
8025	change	52441406	60913086	82849121	0.0	0.0	75067139	45507812	52/343/5			78.075927 734375						56494140 6	19.963613 51013183 6 19.020170		204.169	2235	2181	2183	44	31T20:40: 34	36.7	20220831-21
8024	reeling_ex change	480.85778 80859375	20068359 4	15.264904 02221679 7	0.0	0.0	5.2371325 49285889	902.07696 53320312	985.41522 21679688	496.57305 90820312 0 5	0.0	74.405250 5493164	73266601 6	772.90191 65039062	963.36865 234375	05273437 5	0.0		21179199 2	928.6	210.586	2235	2185	2187	2022-08- 31T18:47: 01	31T19:43: 44	36.6	20220831-20

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
8023	reeling_ex change	455.58874 51171875	22.784875 86975097 7	14.451010 70404052 7	0.0	0.0	4.9605870 24688721	856.81103 515625	935.71295 16601562	471.51724 24316406	0.0	70.599418 64013672	23.409082 41271972 7	734.55761 71875	915.69714 35546875	370.28863 52539062 5	0.0	54.699802 39868164	18.105588 91296386 7	438.9	41.5423	452	437	437	2022-08- 31T17:37: 08	2022-08- 31T18:47: 01	37.2	20220831-19
8022	reeling_ex change	443.29464 72167969	22.171039 58129882 8	14.062513 35144043	0.0	0.0	4.8329095 8404541	842.50646 97265625	920.01153 56445312	463.60827 63671875	0.0	69.396606 4453125	23.021577 83508300 8	722.19433 59375	900.28692 62695312	364.03543 09082031	0.0	53.758789 0625	17.801097 86987304 7	938.8	218.81	2339	2282	2279	2022-08- 31T16:38: 29	2022-08- 31T17:37: 08	37.6	20220831-18
8021	nw_sup_c hange																			938.3	218.527	0	2328	2324	2022-08- 31T17:37: 03	2022-08- 31T17:37: 03	37.6	
8020	nw_inf_ch ange																			937.4	217.943	0	2323	2316	2022-08- 31T17:36: 57	2022-08- 31T17:36: 57	37.1	
8019	cnange	421073	3	3		0.0	4.5426197 05200195	796.49530 02929688	869.43988 03710938	438.14523 31542969	0.0	65.609626 77001953	21.750520 70617675 8	682.67553 7109375	851.19531 25	344.12979 12597656	0.0	50.850605 01098633	16.830444 3359375	952.9	222.397	2385	2328	2324	2022-08- 31T15:38: 40	2022-08- 31T16:38: 29	37.6	20220831-17
8018	reeling_ex change	389.97335 81542969	19.512514 11437988 3	12.369884 49096679 7	0.0	0.0	4.2497982 9788208	749.65893 5546875	817.98333 74023438	412.21893 31054687 5	0.0	61.695354 46166992	20.474969 8638916	642.26605 22460938	800.95507 8125	323.77633 66699219	0.0	47.885410 30883789	15.852616 31011962 9	955.1	221.681	2385	2335	2331	2022-08- 31T14:38: 52	2022-08- 31T15:38: 40	37.1	20220831-16
8017	reeling_ex change	363.39669 79980469	18.180408 47778320 3	11.524591 44592285 2	0.0	0.0	3.9608447 55172729 5	702.29327 39257812	766.07885 7421875	386.05587 76855469	0.0	57.789478 30200195	19.193317 41333007 8	601.84045 41015625	750.64160 15625	303.40988 15917969	0.0	69335937	14.838295 93658447 3	957.3	220.193	2379	2317	2311	2022-08- 31T13:39: 12	2022-08- 31T14:38: 52	37.1	20220831-15
8016	nw_sup_c hange																			953.3	219.126	0	2323	2316	2022-08- 31T14:38: 24	2022-08- 31T14:38: 24	37.2	
8015	nw_inf_ch ange																			952.4	218.751	0	2325	2316		2022-08- 31T14:38: 17	37.5	
8014		336.89532 47070312 5				0.0	3.6717431 54525757	655.15740 96679688	714.42419 43359375	360.00534 05761719	0.0	53.898803 7109375						41.897678 37524414		959.9	224.662	2385	2323	2316	2022-08- 31T12:39: 24	2022-08- 31T13:39: 12	37.6	20220831-14
8013	reeling_ex change	311.87701 41601562 5	15.629555 70220947 3	9.8769826 88903809	0.0	0.0			662.74914 55078125	333.95529 17480469	0.0	50.004352 56958008	16.602441 78771972 7	521.50457 76367188	650.67364 50195312	262.92892 45605469	0.0	38.930034 63745117		964.4	219.995	2385	2332	2325	2022-08- 31T11:39: 36	2022-08- 31T12:39: 24	37.9	20220831-13
8010	nw_sup_c hange																			966.1	216.717	0	2325	2316	2022-08- 31T11:39: 12	2022-08- 31T11:39: 12	37.2	
8009	nw_inf_ch ange																			964.8	216.161	0	2320	2315	2022-08- 31T11:39: 03	2022-08- 31T11:39: 03	37.7	
8008	reeling_ex change	261.07211 30371094	13.028597 83172607 4	8.2561407 0892334	0.0	0.0	2.8486690 52124023 4	514.68652 34375	560.97473 14453125	282.62796 02050781	0.0		-		550.32269 28710938				10.854045 86791992 2	971.4	224.873	2385	2325	2316	2022-08- 31T09:40: 10	2022-08- 31T10:39: 59	37.2	20220831-12
8007	change	8	94360351 6	50799560 5	0.0	0.0	7	425/8125	125	256.42510 98632812 5		38.379028 3203125	12.751607 89489746 1	400.17877 19726562 5	499.58874 51171875	201.75744 62890625	0.0	29.890417 09899902 3	9.8536920 54748535	973.1	225.421	2385	2328	2320	2022-08- 31T08:40: 24	2022-08- 31T09:40: 10	37.6	20220831-11
8006	reeling_ex change	213.50213 62304687 5	10.523477 55432128 9	6.7387461 66229248	0.0	0.0	2.3263611 79351806 6	419.39004 51660156	457.23483 27636719	230.36125 18310547	0.0	34.456684 11254883	11.459213 25683593 8	358.99026 48925781	448.31082 15332031	180.98857 11669922	0.0	26.832118 98803711	8.8556385 0402832	924.2	205.121	2161	2101	2095	2022-08- 31T07:46: 11	2022-08- 31T08:40: 24	37.3	20220831-10
8005	nw_sup_c hange																			919.8	201.88	0	2328	2323		2022-08- 31T08:39: 51	37.6	
8004	nw_inf_ch ange																			919.3	201.973	0	2328	2323	2022-08- 31T08:39: 50	2022-08- 31T08:39: 50	37.6	
8003	reeling_ex change	191.62756 34765625	9.4497890 47241211	6.0483598 70910644 5	0.0	0.0	2.0907301 90277099 6	376.34878 54003906	410.11206 0546875	206.60009 765625	0.0	30.943351 74560547	10.284391 40319824 2	322.00158 69140625	402.14151 00097656	162.33955 38330078	0.0	24.032936 09619140 6	7.9470286 36932373	974.7	226.78	2385	2320	2315		2022-08- 31T07:46: 11	37.2	20220831-09
8002	change	167.70634 46044922	789917	35443115		0.0	1.8262330 29365539 6	328.11972 04589844		180.17623 90136718 8	0.0	27.000984 19189453	8.9408979 41589355	280.83016 96777344	350.54797 36328125	141.58576 96533203	0.0	30427240	6.9292726 51672363		6.91801	92	87	87		2022-08- 31T06:46: 28	37.7	20220831-08
8001	reeling_ex change	165.96351 62353515 6	8.1409807 2052002	5.2355418 20526123	0.0	0.0	1.8084868 19267273	326.67843 62792969	356.09072 87597656	179.38430 78613281 2	0.0	26.881443 02368164	8.9129362 10632324	279.28784 1796875	348.63342 28515625	140.81256 10351562 5	0.0	8	6.9010591 50695801		9.16577	116	111	111		2022-08- 31T06:44: 13	37.8	20220831-07
8000	reeling_ex change	165.62153 62548828	8.1269016 26586914	5.2254562 37792969	0.0	0.0	1.7996243 23844909 7	324.24807 73925781	353.43215 94238281	178.04348 75488281 2	0.0	26.642368 31665039	8.8570127 48718262	277.12252 80761719	345.87619 01855469	139.70896 91162109 4	0.0	20.709882 73620605 5	6.8446321 48742676	973.6	226.305	2385	2329	2325	2022-08- 31T05:41: 28	2022-08- 31T06:41: 14	37.3	20220831-06
7997	nw_sup_c hange																			952.9	223.024	0	2328	2323	2022-08- 31T05:41: 05	2022-08- 31T05:41: 05	37.1	
7996	nw_inf_ch ange																			951.5	221.8	0	103	103	2022-08- 31T05:40: 57	2022-08- 31T05:40: 57	37.2	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7993	reeling_ex change	91.669433 59375	4.5080575 94299316	2.8933773 04077148 4	0.0	0.0	8	8	6			14.830214 50042724 6	4.9205002 784729	154.49243 1640625	191.75253 29589843 8	77.905555 72509766	0.0	11.547878 26538086	3.7855119 70520019 5	961.1	225.8	2385	2333	2332	2022-08- 31T02:42: 46	2022-08- 31T03:42: 33	37.7	20220831-05
7992	reeling_ex change	66.723281 86035156	3.2831048 9654541	2.1105110 64529419	0.0	0.0	0.7211237 54978179 9	131.11294 55566406 2	143.55612 18261718 8	72.338005 06591797	0.0	10.866544 72351074 2	3.6265649 79553222 7	113.11347 19848632 8	140.27909 85107422	57.041080 47485351 6	0.0	8.4322938 91906738		943.6	215.539	2287	2227	2223	2022-08- 31T01:45: 31	2022-08- 31T02:42: 46	37.1	20220831-04
7991	nw_inf_ch ange																			939.2	214.345	0	2331	2328	2022-08- 31T02:42: 16	2022-08- 31T02:42: 16	37.6	
7990	nw_sup_c hange																			938.8	214.41	0	2331	2328		2022-08- 31T02:42: 15	37.2	
7989	criarige	44.044998 16894531	8	7		0.0	0.4731207 19194412 23	85.440406 7993164	93.544502 25830078	47.117618 56079101 (0.0	7.0873999 59564209	2.3649916 64886474 6	73.758361 81640625	91.428039 55078125	37.184623 71826172	0.0	5.5032825 4699707	1.7934200 76370239 3	245.4	8.59933	108	103	103		2022-08- 31T01:45: 31	37.7	20220831-03
7988	reeling_ex change	41.897163 39111328	2.0644173 62213134 8	1.3200798 03466796 9	0.0	0.0	0.4463619 29178237 9	83.098983 76464844	90.976341 2475586	45.837554 93164062 5	0.0	6.8468699 45526123	2.2829360 96191406 2	71.448028 56445312	88.533653 25927734	35.998756 40869140 6	0.0			966.1	225.968	2385	2325	2321	2022-08- 31T00:42: 54	2022-08- 31T01:42: 44	37.8	20220831-02
7987	reeling_ex	17.196277 61840820	0.8551601 76753997			0.0	0.1779238 13462257 39	35.002479 55322265 6	38.312473 29711914	19.308385 84899902 3	0.0	2.8798346 51947021 5	0.9740462 30316162 1	30.359292 98400879	37.493972 77832031	15.291546 82159423 8	0.0	2.2742755 41305542	0.7451208 82987976 1	968.3	228.087	2386	2332	2328	2022-08- 30T23:43: 07	2022-08- 31T00:42: 54	37.1	20220831-01
7984	nw_sup_c hange																			930.8	214.527	0	2328	2329	2022-08- 30T23:42: 28	2022-08- 30T23:42: 28	37.7	
7983	nw_sup_c hange																			930.8	214.527	0	2328	2329	2022-08- 30T23:42: 28	2022-08- 30T23:42: 28	37.7	
7982	reeling_ex change	489.28842 16308594	65.042594 90966797	17.717237 47253418	0.0	0.0				515.76525 87890625		82.206001 28173828	27.223768 23425293	1014.4330 44433593 8	885.46752 9296875	398.11227 41699219	0.0	62.533424 37744140 6		954.2	224.115	2385	2331	2328		2022-08- 30T22:45: 11	37.7	20220830-19
7981	reeling_ex change	464.26770 01953125	63.775424 95727539	16.913913 72680664	0.0	0.0	5.4990935 32562256	1150.9119 87304687 5	870.95489 50195312	489.53262 32910156	0.0			974.10894 77539062			0.0	59.534389 49584961	19.719221 11511230 5	953.7	221.756	2385	2337	2335	2022-08- 30T20:45: 30	2022-08- 30T21:45: 23	37.7	20220830-18
7978	nw_inf_ch ange																			950.2	220.145	0	2177	2169	2022-08- 30T20:44: 51	2022-08- 30T20:44: 51	37.5	
7977	nw_sup_c hange																			950.2	219.843	0	2177	2169	2022-08- 30T20:44: 50	2022-08- 30T20:44: 50	37.1	
7976	change	414.22708 12988281	04290073	5		0.0				437.14920 04394531		70.491714 47753906	0						17.727828 97949218 8	958.6	220.754	2385	2328	2329	2022-08- 30T18:46: 08	2022-08- 30T19:46: 03	37.8	20220830-17
7975	reeling_ex change	386.57144 16503906	59.816230 77392578	14.413262 36724853 5	0.0	0.0	4.6463885 30731201	1008.7001 953125	715.27935 79101562	411.06628 41796875	0.0	66.560272 21679688	21.993185 04333496	853.27612 3046875	687.00286 86523438	316.90454 1015625	0.0	50.604351 04370117	16.744016 64733886 7	961.9	219.279	2386	2343	2342	2022-08- 30T17:46: 16	2022-08- 30T18:46: 08	37.4	20220830-16
7972	nw_sup_c hange																			913.6	201.555	0	2331	2355	2022-08- 30T17:45: 36	2022-08- 30T17:45: 36	37.7	
7971	nw_sup_c hange																			913.6	201.555	0	2331	2355	2022-08- 30T17:45: 36	2022-08- 30T17:45: 36	37.7	
7970	reeling_ex change	335.80926 51367187 5	57.197826 38549805	12.769286 15570068 4	0.0	0.0	4.0885334 01489258	918.15441 89453125	615.93640 13671875	361.01562 5	0.0	4	8	776.34875 48828125	41/908/5	40136719		44.814155 57861328	14.846467 01812744 1	925.1	207.12	2220	2177	2169	2022-08- 30T15:54: 47	2022-08- 30T16:50: 32	37.1	20220830-15
7965	reeling_ex change	275.51309 20410156	54.074447 63183594	10.818380 35583496 1	0.0	0.0	3.4268453 12118530 3	813.40454 1015625	501.47445 67871094	303.29608 15429687 5	0.0	50.489315 03295898 4	16.660900 11596679 7	687.62854 00390625	481.13098 14453125	233.55505 37109375	0.0	51342773	12.684535 02655029 3	939.7	199.988	2330	2273	2301	2022-08- 30T12:48: 48	2022-08- 30T13:47: 22	37.0	20220830-14
7964	nw_sup_c hange																			96.0	199.922	0	2331	2355	2022-08- 30T13:47: 43	2022-08- 30T13:47: 43	37.4	
7963	nw_inf_ch ange																			96.0	201.27	0	2329	2351	2022-08- 30T13:47: 38	2022-08- 30T13:47: 38	37.5	
7962		255.92625 42724609 4				0.0	3.1861603 26004028 3	755.58477 78320312	465.83117 67578125	281.72781 37207031	0.0			639.03118 89648438				35.551101 68457031	11.790037 15515136 7	954.6	204.835	2385	2331	2355	2022-08- 30T11:48: 53	2022-08- 30T12:48: 48	37.5	20220830-13
7961	reeling_ex change	235.18739 31884765 6	46.120422 36328125	9.2398290 63415527	0.0	0.0	2.9226448 53591919	696.64288 33007812	429.48062 13378906	259.75076 29394531	0.0	43.190444 94628906	14.263264 65606689 5	589.21270 75195312	412.20199 58496094	200.13784 79003906 2	0.0	45874023	10.863311 76757812 5	957.3	204.748	2385	2338	2360	2022-08- 30T10:49: 01	2022-08- 30T11:48: 53	37.3	20220830-12
7958	nw_sup_c hange																			955.9	201.558	0	2329	2351	2022-08- 30T10:48: 35	2022-08- 30T10:48: 35	37.3	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7957	nw_inf_ch ange																			955.0	203.119	0	96	97	2022-08- 30T10:48: 27	2022-08- 30T10:48: 27	37.3	
7956	change		19130328	49102783		0.0				215.90083 31298828		35.911262 51220703	11.854044 91424560 5	489.72033 69140625	342.66629 02832031	166.35287 47558593 8	0.0	27.176286 69738769 5	9.0121355 0567627	962.1	204.412	2385	2329	2351	2022-08- 30T08:49: 18	2022-08- 30T09:49: 12	37.7	20220830-11
7955	reeling_ex change	176.76654 05273437 5	34.559272 76611328	6.9288339 61486816	0.0	0.0				193.84698 48632812 5		32.194049 83520508	10.636369 70520019 5	439.90777 58789062 5	307.81167 60253906	149.43554 6875	0.0	4	8.0857849 12109375		203.366	2385	2335	2358	2022-08- 30T07:49: 25	2022-08- 30T08:49: 18	37.0	20220830-10
7954	reeling_ex change	157.91479 4921875	30.842615 12756347 7	6.2290139 19830322	0.0	0.0	1.9635276 79443359 4	460.50167 84667969	284.12338 25683594	171.85638 42773437 5	0.0	28.536140 44189453	9.4476528 16772461	390.23156 73828125	273.10888 671875	132.57528 68652343 8	0.0	21.683513 64135742 2	7.1836647 98736572	939.2	193.902	2252	2203	2221		2022-08- 30T07:49: 25	37.1	20220830-09
7953	nw_sup_c hange																			934.3	191.772	0	96	97	2022-08- 30T07:49: 02	2022-08- 30T07:49: 02	37.7	
7952	nw_inf_ch ange																			933.0	189.769	0	2333	2351	54	30T07:48: 54	37.1	
7951		8				0.0	3	41113281	1875	151.10598 75488281 2	0.0	72333213	33003703		6	1		5	03203037		6.82709	98	96	97	21	30T06:52: 56	37.6	20220830-08
7950		137.98498 53515625				0.0	84307861 3	91992187 5	6	69238281 (2		24.992872 23815918						1004041	6.2762589 45465088		206.471	2385	2332	2351	27	30T06:50: 21	37.7	20220830-07
7949						0.0				128.24462 890625		21.333646 77429199 2						20101021	5.3627295 49407959	969.7	202.821	2385	2337	2357	34	30T05:50: 27	37.1	20220830-06
7948	reeling_ex change	97.441802 97851562	18.847944 25964355 5	3.8699593 54400634 8	0.0	0.0	1.2054991 72210693 4	284.11267 08984375	175.34982 29980468 8	106.04702 75878906 2	0.0	17.666946 41113281 2	5.8299622 53570557	241.35591 12548828	169.00730 89599609 4	82.010993 95751953	0.0	13.441364 28833007 8	4.4408307 07550049	963.1	206.742	2406	2353	2372	06	30T04:50: 34	37.1	20220830-05
7947	nw_sup_c hange																			958.6	204.84	0	2330	2357	30T04:50: 04	2022-08- 30T04:50: 04	37.8	
7946	nw_inf_ch ange						0.0044024	225 22450	420.00502					404 40455	422 00200			40.004704		958.6	204.84	0	2330	2357	03	30T04:50: 03	37.2	
7945	change	77.758773 80371094	0602417	45855713	0.0	0.0	3	8	6	00000010		13.986752 5100708						5			204.412	2385	2333	2351	2022-08- 30T02:50: 12 2022-08-	30T03:50: 06	37.2	20220830-04
7944		43164062 5	71343994 1	2.3109958 17184448 2		0.0	1	6	00090209			3	00332001		00470302	5		5	2376709	961.2	203.744	2385	2336	2354		30T02:50: 12	37.7	20220830-03
7943	reeling_ex change	37.447216 03393555	7.2408862 11395264	36111450 2	0.0	0.0	80344772 34	38330078	66.646034 24072266	40.313385 00976562 5	0.0	6.7127795 21942139	03622436	92.122596 74072266	64.602493 28613281	68493652 3	0.0	5.0966782 56988525		968.4	204.693	2396	2340	2363		30T01:50: 19	37.3	20220830-02
7942	nw_sup_c hange																			959.9	202.052	0	2278	2300	30T01:49: 51 2022-08-	30T01:49: 51	37.4	
7941	nw_inf_ch ange	17 294412	3 3307727	0.6804345			0.2159969	50 193570				3 1466030	1 0307025		20.753822	14 412756		2 2601208	0.7632617	959.5	201.881	0	2278	2300		30T01:49: 49	37.8	
7940		38403320 3	01263427 7			0.0	0.2158868 01481246 95					3.1466939 44931030 3					0.0	33221435 5	95043945 3		205.38	2386	2330	2357		30T00:50: 07	37.8	20220830-01
7939	change	482.79159 54589844	00390625	87 145996		0.0	5	0040025	3828125			87.000259 39941406						32073701	21.627489 08996582		203.825	2385	2334	2361		29T23:50: 13	37.1	20220829-29
7938	change	462.37863 15917969	90.730262 75634766	63000488	0.0	0.0	5.7368822 09777832	1339.2299 8046875	826.80102 5390625	499.66699 21875	0.0	83.306838 98925781	14672851 6	1124.4062 5	788.82806 39648438	40039062	0.0	62.765651 70288086	20.699163 43688965	924.2	191.657	2249	2197	2225		29T22:50: 20	37.3	20220829-28
7937	nw_sup_c hange																			920.7	190.789	0	2278	2300		29T22:49: 55	37.2	
7936	nw_inf_ch ange	441 67010		17 443761						478 7245A									19.830569	919.3	191.289	0	2332	2362	2022-08- 29T22:49: 46 2022-08-	29T22:49: 46	37.7	
7935						0.0	5.4727191 92504883						82043457	48828125	03470002	41503906			19.830568 31359863 3		201.343	2325	2278	2300		29T21:53: 49	37.1	20220829-27
7934	reeling_ex change	421.56582 64160156	82.804962 15820312	59533691 4	0.0	0.0	5.2294116 02020264	1225.0910 64453125	756.35931 39648438	457.08740 234375	0.0	76.219161 98730469	72924804 7	1029.5620 1171875	722.18359 375	349.40469 36035156	0.0	57.546188 35449219	18.961139 67895507 8	258.4	8.53261	118	116	117		29T20:55: 32	37.5	20220829-26

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7933	reeling_ex change	420.89364 62402344	82.681816 10107422	16.615877 15148925 8	0.0	0.0	5.2206983 56628418	1222.1860 3515625	754.55969 23828125	456.01870 72753906	0.0	76.037132 2631836	25.182056 42700195 3	1027.1109 61914062 5	720.47363 28125	348.57608 03222656	0.0	57.355060 57739258		952.4	206.006	2385	2344	2369		2022-08- 29T20:52: 27	37.7	20220829-25
7932	reeling_ex change	398.83285 52246094	78.374710 08300781	15.754131 31713867 2	0.0	0.0	4.9519691 46728516	1162.7022 70507812 5	717.86199 95117188	433.81378 17382812 5	0.0	72.283905 02929688	23.969551 08642578	977.77465 8203125	685.76629 63867188	331.82870 48339844	0.0		17.998958 58764648 4	949.3	201.634	2351	2299	2329		2022-08- 29T19:52: 35	37.7	20220829-24
7931	nw_sup_c hange																			945.8	199.792	0	2332	2362		2022-08- 29T19:52: 08	37.2	
7930	nw_inf_ch ange																			944.9	199.273	0	2331	2360	2022-08- 29T19:52	2022-08- 29T19:52	37.8	
7929	reeling_ex change	377.70608 52050781		14.926687 24060058 6	0.0	0.0	4.6822147 36938477		681.76794 43359375	411.99368 28613281	0.0	68.654838 56201172	22.750928 87878418	928.52850 34179688	651.18395 99609375	315.13632 20214844	0.0		17.069927 21557617 2	956.8	203.744	2385	2332	2362		2022-08- 29T18:53: 32	37.6	20220829-23
7928	reeling_ex change	356.53167 72460937 5	70.125457 76367188	14.092278 48052978 5	0.0	0.0	4.4216446 87652588	1044.6818 84765625	645.03131 10351562	389.78073 12011719	0.0	64.971290 5883789	21.535163 87939453	879.15472 41210938	616.51947 02148438	298.40316 77246094	0.0	49.165473 93798828	16.169372 55859375	960.5	203.576	2385	2335	2366		2022-08- 29T17:53: 38	37.4	20220829-22
7927	reeling_ex change	335.32208 25195312 5	65.993591 30859375	13.256910 32409668	0.0	0.0	4.1587543 48754883	985.37951 66015625	608.39331 0546875	367.63555 90820312 5	0.0	61.235759 73510742	20.303392 41027832	829.60943 60351562	581.67810 05859375	281.61270 14160156	0.0	46.378242 49267578	15.262639 99938964 8	943.1	200.552	2347	2292	2323		2022-08- 29T16:53: 44	37.7	20220829-21
7926	nw_sup_c hange																			939.6	199.446	0	2331	2360		2022-08- 29T16:53: 17	37.6	
7925	nw_inf_ch ange																			938.3	199.013	0	2332	2360	2022-08- 29T16:53: 09	2022-08- 29T16:53: 09	37.6	
7924		314.55038 45214844			0.0	0.0	3.8996651 17263794	926.28186 03515625	571.88226 31835938	345.59317 01660156	0.0	57.553119 65942383	19.102584 83886718 8	780.77899 16992188	547.28277 58789062	265.04492 1875	0.0	43.658527 37426758	14.380600 92926025 4	952.4	205.002	2385	2331	2360		2022-08- 29T15:54: 46	37.3	20220829-20
7923	reeling_ex change	292.31445 3125	57.608459 47265625	11.554695 12939453 1	0.0	0.0	3.6255209 44595337	866.79595 94726562	535.14807 12890625	323.39572 14355469	0.0	53.870410 91918945	17.870180 13000488 3	731.34106 4453125	512.46875	248.28974 91455078	0.0	40.879142 76123047	13.458390 23590087 9	953.7	205.212	2385	2343	2360	2022-08- 29T13:55	2022-08- 29T14:54: 52	37.4	20220829-19
7922	reeling_ex change	272.25714 11132812 5	53.661247 25341797	10.754034 04235839 8	0.0	0.0	3.3775973 32000732 4	808.14569 09179688	498.92770 38574219	301.50256 34765625	0.0	50.216938 01879883	16.652769 08874511 7	682.95196 53320312	478.44540 40527344	231.87638 85498047	0.0	38.160926	12.563408 85162353 5		199.044	2395	2339	2370	2022-08- 29T12:54: 48	2022-08- 29T13:55	37.5	20220829-18
7921	nw_sup_c hange																			950.2	199.62	0	2332	2360		2022-08- 29T13:54: 25	37.6	
7920	nw_sup_c hange																			950.2	199.62	0	2332	2360		2022-08- 29T13:54: 25	37.6	
7919	reeling_ex change	252.38179 01611328	49.759288 7878418	9.9568176 26953125	0.0	0.0	3.1378080 84487915	749.01080 32226562	462.40869 140625	279.44815 06347656	0.0	46.570442 19970703	15.441025 73394775 4	633.60253 90625	443.65521 24023437 5	215.15335 08300781 2	0.0	35.441413 87939453	11.663531 30340576 2	954.6	200.386	2385	2332	2360		2022-08- 29T12:54: 48	37.1	20220829-17
7918	reeling_ex change	232.54960 63232422	45.866264 34326172	9.1680412 29248047	0.0	0.0	2.8899328 70864868	690.40972 90039062	426.23254 39453125	257.59588 62304687 5	0.0	42.928668 97583008							10.764416 69464111 3	958.1	201.854	2385	2338	2361		2022-08- 29T11:54: 54	37.7	20220829-16
7917	reeling_ex change	212.44194 03076172	41.891017 91381836	8.3652877 80761719	0.0	0.0	2.6412057 87658691 4	632.22723 38867188	390.32373 046875	235.89123 53515625	0.0	39.287490 84472656	13.031198 50158691 4	535.88134 765625	374.88256 8359375	182.03152 46582031 2	0.0	30.020923 61450195 3		932.1	190.998	2251	2200	2227		2022-08- 29T10:55: 01	37.0	20220829-15
7916	nw_sup_c hange																			928.6	190.137	0	2332	2360		2022-08- 29T10:54: 36	37.4	
7915	nw_inf_ch ange																			927.3	189.778	0	2331	2360		2022-08- 29T10:54: 27	37.2	
7914	reeling_ex change		38.364898 68164062 5	7.6321921 34857178	0.0	0.0	2.4195148 94485473 6	577.67285 15625	356.66830 44433594	215.54267 88330078	0.0	35.893756 86645508	11.944811 82098388 7	489.80886 84082031	342.43341 06445312 5	166.40647 88818359 4	0.0	27.434358 59680175 8		965.4	201.394	2385	2332	2360		2022-08- 29T09:58: 28	37.6	20220829-14
7913		174.37377 9296875			0.0	0.0	2.1661562 9196167	520.25091 55273438		194.13478 08837890 6			10.771170	440 00000	307.85363 76953125	149.73970 03173828	0.0	24.722524 64294433 6	8.1005592 3461914	966.6	201.394	2385	2335	2360		2022-08- 29T08:58: 35	37.1	20220829-13
7912	reeling_ex change	155.69361 87744140 6	30.693346 02355957	6.0918803 21502685 5	0.0	0.0	1.9293541 90826416	463.04000 85449219	285.91232 29980469	172.78457 64160156 2	0.0	28.779098 51074218 8	9.5899581 90917969	392.52325 43945312 5	274.00451 66015625	133.38148 49853515 6	0.0	22.050960 54077148 4	7.2310481 07147217	252.7	7.7724	111	109	109		2022-08- 29T07:58: 45	37.2	20220829-12
7911	reeling_ex change	154.39155 57861328	30.431356 43005371	6.0314717 29278564 5	0.0	0.0	1.9117929 93545532 2	460.58642 578125	284.40658 56933594	171.87547 30224609 4	0.0	28.659641 26586914	9.5355854 03442383	389.89785 76660156	272.17132 56835937 5	132.49005 12695312 5	0.0	04.050000	7.1698098 18267822	959.8	199.518	2362	2308	2337		2022-08- 29T07:55: 55	37.0	20220829-11
7910	nw_sup_c hange																			952.4	197.527	0	2331	2360	2022-08- 29T07:55: 27	2022-08- 29T07:55: 27	37.1	
7909	nw_inf_ch ange																			951.5	197.266	0	148	150	2022-08- 29T07:55:	2022-08- 29T07:55:	37.1	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7909	nw_inf_ch ange																			951.5	197.266	0	148	150	20	20	37.1	
7908	reeling_ex change	135.67250 06103515 6	26.733736 03820800 8	5.2819590 56854248	0.0	0.0	1.6831009 38796997	403.65509 03320312 5	249.27264 40429687 5	150.63227 84423828	0.0	25.064483 64257812 5	8.3737678 52783203	341.48236 08398437 5	238.11015 31982422	116.04157 25708007 8	0.0	19.184616 08886718 8	6.2972016 33453369	962.6	199.841	2385	2331	2360	2022-08- 29T05:56: 39	2022-08- 29T06:56: 33	37.5	20220829-10
7907	reeling_ex change	117.12847 13745117 2	23.051996 2310791	4.5415554 04663086	0.0	0.0	1.4462484 12132263 2	346.46023 55957031	213.95231 62841797	129.29159 54589843 (8	0.0	21.525732 04040527 3	7.1840267 18139648	292.93124 38964844	203.97134 39941406 2	99.546081 54296875	0.0	16.454895 01953125	5.3918066 02478027	963.4	202.107	2385	2336	2361	2022-08- 29T04:56: 47	2022-08- 29T05:56: 39	37.1	20220829-09
7906	reeling_ex		19.119432	3.7605288		0.0	1.2028772 83096313 5	288.80465 69824219	178.34127 80761718 8	107.75770 56884765 0	0.0	17.927881 24084472 7	5.9996361 73248291	244.41622 92480468 8	169.91984 55810547	83.036308 28857422	0.0	13.718391 41845703 1	4.4821662 90283203	898.2	176.204	2102	2058	2081	2022-08- 29T04:04: 04	2022-08- 29T04:56: 47	37.1	20220829-08
7905	nw_sup_c hange																			893.8	173.643	0	148	150	2022-08- 29T04:56: 18	2022-08- 29T04:56: 18	37.6	
7904	nw_inf_ch ange																			892.9	172.991	0	121	122		2022-08- 29T04:56: 10	37.7	
7903	change	5600586	5	15969848 6		0.0	1.0009011 03019714 4	238.26184 08203125	147.10569 76318359 4	88.908287 04833984	0.0	14.801259 99450683 6	4.9470071 79260254	201.24670 41015625	139.71353 14941406 2	68.351486 20605469	0.0	10220057	3.6973416 80526733 4	275.6	11.7347	156	148	150		2022-08- 29T04:04: 04	37.5	20220829-07
7902	reeling_ex change	79.250740 05126953	15.531230 92651367 2	3.0378825 66452026 4	0.0	0.0	0.9743851 42326355	234.13456 72607422	144.56568 90869140 6	87.372680 6640625	0.0	14.560451 50756836	4.8611135 48278809	197.84135 43701172	137.34399 4140625	67.212242 12646484	0.0	11.107084 27429199 2	3.6414158 3442688	960.8	202.567	2385	2334	2360	2022-08- 29T03:00: 22	2022-08- 29T04:00: 08	37.7	20220829-06
7901	reeling_ex		11.643483	2.2864801		0.0	0.7337278 12767028 8	176.27908 32519531 2	108.84095 00122070 3	65.775558 47167969	0.0	10.955549 24011230 5	3.6613318 9201355	148.63505 55419922	103.15570 83129882 8	50.487178 80249023 4	0.0	8.3594751 35803223	2.7391445 63674926 8	960.0	202.653	2387	2337	2361	2022-08- 29T02:00: 34	2022-08- 29T03:00: 22	37.9	20220829-05
7900	reeling_ex change	40.130119 32373047	7.7838315 96374512	1.6085207 46231079	0.0	0.0				43.890316 00952148 4		7.2906022 07183838	2.4384319 78225708	99.355499 26757812	68.789993 28613281	33.746505 73730469	0.0	5.6088089 94293213	1.8220388 88931274 4	280.4	11.521	155	153	154		2022-08- 29T02:00: 34	37.2	20220829-04
7899	reeling_ex change	38.680759 42993164	7.5024733 543396	1.5573316 81251525 9	0.0	0.0	0.4747937 32166290 3	114.22617 34008789	70.518501 28173828	42.634239 19677734 0	1.0	7.1093864 44091797	2.3816740 5128479	95.950172 4243164	66.459304 80957031	32.591548 91967773 4	0.0		1.7641918 65921020 5	924.6	186.552	2227	2177	2203	2022-08- 29T01:00: 46	2022-08- 29T01:56: 37	37.2	20220829-03
7898	nw_sup_c hange																			920.2	186.302	0	121	122		2022-08- 29T01:56: 07	37.8	
7897	nw_inf_ch ange																			919.3	185.946	0	2273	2301	2022-08- 29T01:55: 59	2022-08- 29T01:55: 59	37.5	
7896	reeling_ex change	20.019739 15100097 7	3.8958086 96746826	0.8040955 06668090 8	0.0	0.0	0.2426229 11930084 23	60.244869 23217773 4	37.175338 74511719	22.490699 76806640 6	0.0	3.7107899 18899536	1.2462048 53057861 3	50.372562 40844726 6	34.918521 88110351 6	17.121650 69580078	0.0	2.8694481 84967041	0.9204108 11901092 5	263.3	8.99659	125	121	122	2022-08- 29T00:57: 32	2022-08- 29T01:00: 46	37.1	20220829-02
7895	reeling_ex change	19.658246 99401855 5	3.8254625 79727173	0.7838782 07206726 1	0.0	0.0	0.2426229 11930084 23	57.146003 72314453	35.268672 94311523 4	21.335010 52856445 0 3	0.0	3.5284090 04211426	1.1894712 44812011 7	47.906806 94580078	33.204406 73828125	16.280002 59399414	0.0	2.7421712 87536621	0.8623872 39933013 9	962.2	201.184	2386	2333	2360	2022-08- 28T23:57: 38	2022-08- 29T00:57: 32	37.2	20220829-01
7894	reeling_ex change	439.81823 73046875	104.65386 19995117 2	17.724481 5826416	0.0	0.0	5.6617455 48248291	1066.4611 81640625	998.40423 58398438	476.53543 09082031	1.0	79.365470 88623047	26.326120 37658691 4	909.48474 12109375	962.10003 66210938	371.67608 64257812 5	0.0	61.082389 83154297	20.173685 07385254	959.9	199.758	2385	2340	2364	2022-08- 28T22:57: 45	2022-08- 28T23:57: 38	37.3	20220828-29
7893	reeling_ex change	419.19140 625	100.65273 28491211	16.907342 9107666	0.0	0.0	5.4097356 79626465	1007.8731 07910156 2	962.26593 01757812	454.70138 54980469	0.0	75.705497 74169922	25.109678 26843261 7	860.71105 95703125	928.24224 85351562	355.08386 23046875	0.0	58.329170 22705078	19.270299 91149902 3	947.6	190.706	2299	2248	2273	2022-08- 28T21:59: 59	2022-08- 28T22:57: 45	37.5	20220828-28
7892	nw_sup_c hange																			943.6	191.569	0	2273	2301	2022-08- 28T22:57: 19	2022-08- 28T22:57: 19	37.2	
7891	nw_inf_ch ange																			942.3	190.179	0	109	111	2022-08- 28T22:57: 10	2022-08- 28T22:57: 10	37.5	
7890	reeling_ex change	399.73651 12304687 5	96.836143 49365234	16.126184 46350097 7	0.0	0.0	5.1648097 03826904	951.67419 43359375	927.61822 50976562	433.75091 55273437 (0.0	72.232139 58740234	23.950902 93884277 3	813.76098 6328125	895.69757 08007812	339.13818 359375	0.0	55.709068 29833984 4	18.407478 33251953	956.4	196.81	2325	2273	2301	2022-08- 28T21:01: 43	2022-08- 28T21:59: 59	37.7	20220828-27
7889	reeling_ex change	378.96969 60449219	92.766304 01611328	15.295816 42150878 9	0.0	0.0			892.31610 10742188		0.0	68.637512 20703125	22.790224 07531738 3	765.75054 93164062	862.25512 6953125	322.82247 92480469	0.0	53.022056 57958984 4	17.523065 5670166	253.1	7.61539	108	105	106		2022-08- 28T21:01: 43	37.6	20220828-26
7888	reeling_ex change	378.69802 85644531	92.709144 59228516	15.285861 96899414	0.0	0.0	4.9044137 0010376	892.03839 11132812	890.80541 9921875	411.49639 89257812 0	1.0	68.515731 81152344	22.733549 11804199 2	763.39349 36523438	860.60888 671875	322.02395 62988281	0.0	52.894180 29785156			204.121	2385	2342	2362		2022-08- 28T20:58: 53	37.6	20220828-25
7887	reeling_ex change	357.20825 1953125	88.460700 98876953	14.437170 02868652 3	0.0	0.0	4.6410183 90655518	833.81311 03515625	854.87878 41796875	389.77139 28222656	0.0	64.861717 2241211	21.518819 80895996	714.89392 08984375	827.20129 39453125	305.55688 4765625	0.0	50.210113 52539062 5	16.575819 01550293	894.1	173.832	2073	2029	2053	2022-08- 28T19:07: 02	28T19:59:	37.1	20220828-24
7886	nw_sup_c hange																			884.1	172.932	0	109	111		2022-08- 28T19:58: 33	37.7	
7885	nw_inf_ch ange																			882.8	172.651	0	2385	2373	2022-08- 28T19:58:	2022-08- 28T19:58:	37.1	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	В4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7885	nw_inf_ch ange																			882.8	172.651	0	2385	2373	25	25	37.1	
7884	reeling_ex change	338.42810 05859375	84.731765 74707031	13.676617 62237548 8	0.0	0.0	4.4062719 34509277	783.21844 48242188	823.68615 72265625	370.89334 10644531	0.0	91821289	39440918	672.41693 11523438	/30468/5	5		47.846191 40625	15.809941 29180908 2	251.6	7.89984	113	109	111	2022-08- 28T19:04: 08	2022-08- 28T19:07: 02	37.5	20220828-23
7883				13.666473 38867187 5		0.0			821.96118 1640625		0.0	61.573532 10449219	20.419355 39245605 5	669.84552 00195312	795.95605 46875	290.25646 97265625	0.0	90087890	15.752655 98297119 1	900.0	177.855	2135	2093	2113	2022-08- 28T18:10: 33	2022-08- 28T19:04: 08	37.2	20220828-22
7882	reeling_ex		80.860229	12.901064		0.0	4.1620402 33612060	729.03051 7578125	790.28045 65429688	350.68496 70410156	0.0			626.15722 65625				45.277111 0534668	14.948775 29144287	903.6	174.038	2135	2105	2126	2022-08- 28T17:17: 03	2022-08- 28T18:10: 33	37.7	20220828-21
7881	reeling_ex change	299.74505 61523437	77.014892 578125	12.125031 47125244 1	0.0	0.0	3.9196248 05450439	677.31958 0078125	758.40161 1328125	331.40051 26953125	0.0	55.157222		582.38568 11523438				42.832046 50878906		586.2	57.2421	716	700	705	2022-08- 28T15:26:	2022-08- 28T17:17:	37.1	20220828-20
7880	reeling_ex	288.58059	74.798645	11.679663 65814209		0.0	3.7811481	634.80810		315.45605	0.0	52.448951	.=	550.57330 32226562			0.0		13.548433 30383300 8	939.9	200.93	2330	2316	2305		28T15:26:	37.6	20220828-19
7879	nw_sup_c	03200201	01300123	00014200			6	040070	0300120	40075		6	30033000	02220002	1020120	12030023		01220700	8	96.0	200.741	0	2385	2373	24 2022-08- 28T15:26:	06 2022-08- 28T15:26:	37.1	
7878	hange nw_inf_ch																			96.0	200.388	0	2221	2210	28 2022-08- 28T15:26:	28 2022-08- 28T15:26:	37.8	
7877	ange reeling_ex	268.79495	69.747344	10.855733 87145996	0.0	0.0	3.5137863 15917968	594.07226	684.81805	295.18441	0.0			514.94567	000.0001	233.50624 08447265	0.0	38.352466	12.670052 52838134		205.905	2397	2385	2373	19 2022-08-	19		20220828-18
	change	23925781	97070312	1 10.025663 37585449 2			8	5625	41992188	77246094				87109375 478.75601		6		58325195 35.703063	11.791590 69061279						08 2022-08-	24 2022-08-		
7876				9.2364654		0.0	2.0002520	F40 0FF00		274.20297 24121094 253.62016		45.608921 05102539 42.197685						96484375 32.992561	10.887714			2396	2389	2376	53 2022-08-			20220828-17
7875	change	62841797	26831055	54101562	0.0	0.0	55133056 6	44726562 5	588.58319 09179688	29638672	0.0	24169922	13714599 6	442.81890 86914062 5	62890625	77978515 6	0.0	34033203		902.7	186.1	2153	2144	2127	28T11:32: 43 2022-08-	28T12:26: 53	37.7	20220828-16
7874	nw_sup_c hange																			896.4	185.354	0	2221	2210	28T12:26: 26	28T12:26: 26	37.6	
7873	nw_inf_ch ange																			896.0	185.153	0	2314	2298	2022-08- 28T12:26: 20	2022-08- 28T12:26: 20	37.1	
7872	cnange	12841797	59082031	8.5090770 72143555		0.0	2.7750363 34991455	472.89233 3984375	545.13934 32617188	234.87181 09130859 4	0.0	39.091117 85888672	12.973721 50421142 6	410.04953 00292969	530.52593 99414062	185.96533 203125	0.0		10.097321 51031494 1	921.5	191.228	2231	2221	2210	2022-08- 28T10:36: 36	2022-08- 28T11:32: 43	37.4	20220828-15
7871	reeling_ex change	195.87564 08691406 2	50.865722 65625	7.8011999 13024902	0.0	0.0	2.5600147 24731445 3	434.02532 95898437 5	500.36108 3984375	215.55081 17675781 2	0.0	35.865489 9597168	11.920663 83361816 4	376.38827 51464844	486.84637 45117187 5	170.70242 30957031 2	0.0	28.053667 06848144 5	9.2752914 42871094	919.9	191.809	2231	2221	2211	2022-08- 28T09:40: 36	2022-08- 28T10:36: 36	37.7	20220828-14
7870	reeling_ex change	179.05397 03369140 6	46.500278 47290039	7.1046047 21069336	0.0	0.0	2.3352200 98495483 4	394.93740 84472656	455.39517 21191406	196.14839 17236328	0.0	32.650806 42700195	10.837122 91717529 3	342.64700 31738281	443.17086 79199219	155.38812 25585937 5	0.0	25.589450 83618164	8.4226617 81311035	463.7	41.3084	500	591	592	2022-08- 28T09:03: 58	2022-08- 28T09:40: 36	37.5	20220828-13
7869	reeling_ex		43.726886	6.6730551		0.0	2.1941852 56958008	378.76110 83984375	436.74057 00683594	188.11312 86621093 8	0.0	31.343248 36730957	10.392090 79742431 6	328.07424 92675781	424.34039 30664062 5	148.76693 72558593 8	0.0	24.514842 98706054 7	8.0537014 00756836	955.3	205.68	2376	2364	2348	2022-08- 28T08:04: 09	2022-08- 28T09:03: 58	37.1	20220828-12
7868	nw_sup_c hange																			96.0	204.708	0	113	112	2022-08- 28T09:04: 16	2022-08- 28T09:04: 16	37.3	
7867	nw_sup_c hange																			96.0	204.708	0	113	112	2022-08- 28T09:04: 16	2022-08- 28T09:04: 16	37.3	
7866	reeling_ex change	150.47669 98291015	39.103363 03710937 5	5.9298892 0211792	0.0	0.0	1.9669567 34657287	337.25350 95214844	388.89596 55761719	167.48165 89355468	0.0	27.943470 00122070 3	9.2531871 7956543	292.19119 26269531	377.98458 86230469	132.49580 38330078	0.0		7.1743068 69506836	942.7	197.611	2327	2314	2298	2022-08-		37.1	20220828-11
7865	reeling_ex	132.75604	34.537853	5.1900777 81677246	0.0	0.0			2/11 99677	147.22792 05322265 6	0.0	24.608156	8.1183376	257.15078 73535156	332.48709		0.0		6.3214340 20996094	942.3	199.09	2327	2315	2302	2022-08- 28T06:07:	2022-08- 28T07:05:	37.6	20220828-10
7864		3		4.4268527 03094482	0.0	0.0	1.4950169 32487487	255.49327 08740234	294.71502 68554687	126.90657 04345703	0.0	21.217239 37988281 2				100.45884 70458984	0.0		5.4403963 08898926	218.8	9.14296	126	125	125	2022-08- 28T06:03:	28T06:07:	37.6	20220828-09
7863		113.12590 78979492	29.431123 73352050	4.3763837 81433105		0.0	8 1.4763606 78672790 5			1 125.68946 07543945	0.0	2 20.978984 83276367 2						16.465772	5.3835706 71081543		195.749	2280	2266	2253	2022-08- 28T05:06:	28T06:03:	37.1	20220828-08
7862	nw_sup_c	2	8	5			5	8	33701719	3		2	50123096	2	00100094	50003322		02010418	71001043	925.1	193.308	0	2382	2368	2022-08-	56 2022-08- 28T06:03:	37.1	
	nw_sup_c																			925.1	193.308		2382		20 2022-08-	2022-08-	27.1	
7861	hange																			925.1	193.308	0	2382	2368		28T06:03:	37.1	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7861	nw_sup_c hange																			925.1	193.308	0	2382	2368	20	20	37.1	
7860	reeling_ex change	94.873382 56835938	24.718267 4407959	3.6184513 56887817 4	0.0	0.0	1.2340494 39430236 8	213.27507 01904297	246.06230 16357422	105.92872 61962890 6	0.0	17.696151 73339843 8	5.8628215 78979492	184.89805 60302734 4	238.98112 48779297	83.809776 30615234	0.0	13.837735 17608642 6			8.19416	114	113	112	2022-08- 28T05:03: 43	2022-08- 28T05:06: 45	37.7	20220828-07
7859	reeling_ex change	94.604133 60595703	24.642272 94921875	3.6084282 39822387 7	0.0	0.0	1.2247235 77499389 6	211.08660 88867187 5	243.53910 82763672	104.83691 40625	0.0	17.516839 9810791	5.7792310 71472168	183.35060 11962890 6	236.99197 38769531 2	83.111892 70019531	0.0	13.712499 61853027 3	4.4999203 6819458	956.8	206.705	2397	2381	2367	2022-08- 28T04:03: 27	2022-08- 28T05:03: 43	37.6	20220828-06
7858	reeling_ex change	74.934326 171875	19.554008 48388672	2.7863695 62149048	0.0	0.0				83.972328 18603516		14.047283 17260742 2	4.6386289 59655762	146.71803 28369140 6	189.65354 91943359 4	66.485870 36132812	0.0	11.017427 44445800 8	3.5809800 62484741	954.2	204.34	2396	2388	2372	2022-08- 28T03:03: 10	2022-08- 28T04:03: 27	37.7	20220828-05
7857	reeling_ex change	56.748664 85595703	14.824170 11260986 3	2.0869398 11706543	0.0	0.0	0.7382248 64006042 5	126.91814 42260742 2	146.50199 89013672	63.063537 59765625	0.0	10.572560 31036377	3.4742631 91223144 5	110.30682 37304687 5	142.67448 42529297	49.982368 46923828	0.0	8.2672634 12475586	2.7130730 15213012 7	945.8	201.977	2371	2357	2343	2022-08- 28T02:03: 33	2022-08- 28T03:03: 10	37.7	20220828-04
7856	nw_sup_c hange																			941.8	201.087	0	2382	2368		2022-08- 28T03:02: 41	37.6	
7855	nw_inf_ch ange																			941.0	200.655	0	2388	2373		2022-08- 28T03:02: 32	37.7	
7854	reeling_ex change	39.317714 69116211	10.276457 78656005 9	1.4031931 16188049 3	0.0	0.0	0.5113132 59601593	84.893295 28808594	97.983474 73144531	42.188991 54663086	0.0	7.0956730 84259033	2.3197865 48614502	73.948516 84570312	95.714973 44970703	33.495883 94165039	0.0	5.5793619 15588379	1.8115535 97450256 3	954.2	200.371	2396	2382	2368		2022-08- 28T02:03: 33	37.6	20220828-03
7853	reeling_ex change	20.646265 02990722 7	5.3726387 02392578	0.7429228 42502594	0.0	0.0	0.2636536 65781021 1	43.508903 50341797	50.209293 36547851 6	21.627460 47973632 8	0.0	3.6667721 27151489 3	1.1825599 67041015 6	38.017482 75756836	49.272544 86083984 4	17.229280 47180175 8	0.0		0.9380546 80824279 8	953.1	201.469	2397	2388	2373	2022-08- 28T00:03	2022-08- 28T01:03: 15	37.7	20220828-02
7852	reeling_ex change	1.5811871 29020691	0.4117056 13136291 5	0.0610162 35500574 11	0.0	0.0	0.0186501 31300091 743	2.2884261 60812378	2.6404125 69046020 5	1.1272901 2966156	0.0			2.2302856 4453125		1.0049399 13749694 8	0.0	0.1880207 06176757 8	0.0294279 47476506 233	945.9	196.456	2359	2348	2334	2022-08- 27T23:03: 35	2022-08- 28T00:03	37.0	20220828-01
7851	nw_inf_ch ange																			938.3	195.138	0	2368	2361		2022-08- 28T00:02: 23	37.2	
7850	nw_sup_c hange																			938.3	194.847	0	2368	2361		2022-08- 28T00:02: 21	37.5	
7849	reeling_ex change	432.26119 99511719	112.37344 36035156 2	16.962064 74304199 2	0.0	0.0	5.6704721 45080566	943.16748 046875	1086.8310 546875	467.69451 90429687 5	0.0	77.723907 47070312	25.767301 55944824 2	815.19146 72851562	1065.9859 61914062 5	369.39852 90527344	0.0	60.685466 76635742	20.206781 3873291	951.1	200.835	2397	2388	2373	2022-08- 27T22:03: 20	2022-08- 27T23:03: 35	37.8	20220827-25
7848		413.17327		16.278778 07617187		0.0	5.4205818 17626953	901.95898 4375	1039.3870 84960937 5	447.26452 63671875	0.0	74.287094 11621094	24.653320 3125	779.81036 37695312	1019.8981 32324218 8	353.37112 42675781	0.0	22875976	19.317026 13830566 4	952.3	203.708	2396	2385	2376	2022-08- 27T21:03: 03	2022-08- 27T22:03: 20	37.5	20220827-24
7847	reeling_ex change	394.07714 84375	102.42659 75952148 4	15.600323 67706298 8	0.0	0.0	5.1670436 85913086	861.19024 65820312	992.48443 60351562	427.06732 17773437 0	0.0	70.909942 62695312	23.507808 68530273 4	744.20892 33398438	973.10754 39453125	337.22131 34765625	0.0	55.387340 5456543	18.455656 05163574 2	952.4	206.242	2431	2412	2400	2022-08- 27T20:01: 55	2022-08- 27T21:03: 03	37.7	20220827-23
7846	nw_sup_c hange																			948.9	204.955	0	2368	2361		2022-08- 27T21:02: 36	37.7	
7845	nw_inf_ch ange																			948.0	204.526	0	2370	2359	2022-08- 27T21:02: 29	2022-08- 27T21:02: 29	37.4	
7844	reeling_ex change	374.42068 48144531	97.276229 85839844	14.875974 65515136 7	0.0	0.0	4.9080581 66503906	819.18182 37304688	944.14178 46679688	406.27023 31542969	0.0	67.425689 69726562	22.361833 57238769 5	708.80700 68359375	926.19201 66015625	321.17001 34277344	0.0	52.793037 41455078	17.589508 05664062 5	945.1	202.092	2386	2368	2361	2022-08- 27T19:01: 51	2022-08- 27T20:01: 55	37.1	20220827-22
7843	reeling_ex change	355.20321 65527344	92.250297 54638672	14.073925 97198486 3	0.0	0.0	4.6590991 02020264	778.24481 20117188	896.99139 40429688	385.97531 12792969	0.0	64.045257 56835938	21.241575 24108886 7	673.46966 55273438	879.44793 70117188	305.18051 14746094	0.0	50.154808 04443359 4	16.715785 98022461	938.8	203.815	2387	2372	2366		2022-08- 27T19:01: 51	37.1	20220827-21
7842	reeling_ex change	335.49865 72265625	87.101951 5991211	13.240900 99334716 8	0.0	0.0	4.3982672 69134521 5	737.17852 78320312	849.68609 61914062	365.63140 86914062 0	0.0	60.715026 85546875	20.090642 92907715	638.63159 1796875	833.29254 15039062	289.40567 01660156	0.0	47.589504 24194336	15.837834 35821533 2	912.9	191.668	2241	2224	2214	2022-08- 27T17:05: 27	2022-08- 27T18:01: 53	37.3	20220827-20
7841	nw_sup_c hange																			905.2	188.312	0	2371	2355	2022-08- 27T18:01: 17		37.2	
7840	nw_inf_ch ange																			905.2	188.226	0	2371	2355	2022-08- 27T18:01: 16	27T18:01:	37.4	
7839	reeling_ex change	316.74673 46191406	82.226676 94091797	12.443888 66424560 5	0.0	0.0	4.1533050 53710937 5	697.98419 18945312	804.56671 14257812	346.18939 20898437 5	0.0	57.498897 55249023 4	19.024396 89636230 5	605.03265 38085938	788.73620 60546875	274.19088 74511719	0.0	45.071945 19042969	15.019553 18450927 7	942.7	202.471	2387	2370	2359	2022-08- 27T16:05: 34	2022-08- 27T17:05: 27	37.5	20220827-19
7838	reeling_ex change	296.95434 5703125	77.037536 62109375	11.610904 69360351 6	0.0	0.0	3.8943922 51968384	657.15649 4140625	757.54064 94140625	325.93640 13671875	0.0	54.108989 71557617						42.422145 84350586	14.138679 50439453 1	212.2	8.65772	120	119	119	2022-08- 27T16:02: 24	2022-08- 27T16:05: 34	37.3	20220827-18
7837	reeling_ex change	295.53707 88574219	76.666213 98925781	11.551830 29174804	0.0	0.0	3.8766024 11270141	654.99707 03125	755.04754 63867188	324.86560 05859375	0.0	53.930873 87084961	17.866004 94384765	567.96893 31054688	739.56237 79296875	257.38388 06152344	0.0	42.359054 56542969			205.205	2387	2374	2364	2022-08- 27T15:02:	2022-08- 27T16:02:	37.7	20220827-17

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7837	reeling_ex change	295.53707 88574219		7	0.0	0.0	6	03125	63867188	05859375	0.0	87084961		31054688	739.56237 79296875	06152344	0.0	42.359054 56542969	4	941.0	205.205	2387	2374	2364	24	24	37.7	20220827-17
7836	reeling_ex change	276.08557 12890625	71.590637 20703125	10.727516 17431640 6	0.0	0.0	3.6190538 40637207	613.57904 05273438	707.36523 4375	304.34222 41210937 5	0.0	50.494689 94140625	16.732002 25830078	532.66235 3515625	692.72998 046875	241.38739 01367187 5	0.0	39.709995 26977539	13.218400 00152587 9	942.7	198.432	2387	2373	2354	2022-08- 27T14:02: 20	2022-08- 27T15:02: 24	37.7	20220827-16
7835	nw_sup_c hange																			938.3	198.839	0	2371	2353	2022-08- 27T15:01: 52	2022-08- 27T15:01: 52	37.3	
7834	nw_inf_ch ange																			938.3	198.754	0	2371	2353	2022-08- 27T15:01: 50	2022-08- 27T15:01: 50	37.8	
7833	reeling_ex change	257.09719 84863281	66.613548 2788086	9.9454460 14404297	0.0	0.0	3.3681998 25286865 2	572.19189 453125	659.67462 15820312	283.80700 68359375	0.0	47.101295 47119140 6	15.597603 79791259 8	496.90069 58007812 5	645.80505 37109375	225.17747 49755859 4	0.0	37.059734 34448242	12.342909 81292724 6	940.5	200.452	2386	2371	2355	2022-08- 27T13:02: 18	2022-08- 27T14:02: 20	37.1	20220827-15
7832	reeling_ex change	238.28009 03320312 5	61.707939 14794922	9.1440305 70983887	0.0	0.0	3.1164164 54315185 5	530.94104 00390625	612.40197 75390625	263.46878 05175781	0.0	43.725193 02368164	14.495372 77221679 7	461.25091 55273437 5	599.08056 640625	209.02586 36474609 4	0.0	34.404617 30957031	11.484748 84033203 1	943.1	201.081	2386	2374	2361	2022-08- 27T12:02: 18	2022-08- 27T13:02: 18	37.5	20220827-14
7831	reeling_ex change	219.98898 31542968 8	56.924942 01660156	8.3853025 43640137	0.0	0.0	2.8765983 58154297	489.38674 92675781	564.48675 53710938	242.83331 29882812 5	0.0	40.353466 03393555	13.368729 59136962 9	425.78497 31445312 5	552.20928 95507812	192.97521 97265625	0.0	31.817085 26611328	10.581561 08856201 2	954.0	200.242	2387	2374	2356	2022-08- 27T11:02: 14	2022-08- 27T12:02: 18	37.1	20220827-13
7830	nw_sup_c hange																			942.7	198.633	0	2372	2349	2022-08- 27T12:01: 49	2022-08- 27T12:01: 49	37.2	
7829	nw_inf_ch ange																			942.3	198.921	0	2372	2349	2022-08- 27T12:01: 46	2022-08- 27T12:01: 46	37.1	
7828	reeling_ex change	201.89585 87646484 4	52.196788 7878418	7.7497062 68310547	0.0	0.0	2.6495287 41836548	448.41003 41796875	517.23956 29882812	222.50689 69726562 5	0.0	36.976715 08789062 5	12.269157 40966796 9	390.26184 08203125	505.53533 93554687 5	176.90223 69384765 6	0.0	29.157335 28137207	9.7031517 0288086	950.2	202.639	2386	2371	2353	2022-08- 27T10:02: 12	2022-08- 27T11:02: 14	37.6	20220827-12
7827	reeling_ex change	400 00000	47.502292 63305664	7.0264306 06842041	0.0	0.0	2.4152467 25082397 5	407.48178 10058594	470.05938 72070312 5	202.22990 41748047	0.0	33.659103 39355469	11.150996 20819091 8	30023437	458.89361 57226562 5	160.83578 49121093 8	0.0	26.552118 3013916	8.8231325 14953613	955.7	198.264	2386	2374	2360	2022-08- 27T09:02: 11	2022-08- 27T10:02: 12	37.3	20220827-11
7826	reeling_ex change	165.92784 11865234 4	42.822280 88378906	6.3812122 3449707	0.0	0.0	2.1799654 96063232 4	366.08157 34863281	422.33157 34863281	181.68548 58398437 5	0.0	43994140	20000370	319.03656 00585937 5	411.97976 68457031	144.60794 06738281 2	0.0	23.886325 83618164	7.9450311 6607666	958.1	206.145	2412	2397	2374	2022-08- 27T08:01: 29	2022-08- 27T09:02: 11	37.5	20220827-10
7825	nw_sup_c hange																			954.6	202.777	0	2372	2349	2022-08- 27T09:01: 44	2022-08- 27T09:01: 44	37.1	
7824	nw_inf_ch ange																			953.7	202.434	0	2371	2348	2022-08- 27T09:01: 38	2022-08- 27T09:01: 38	37.5	
7823	reeling_ex change	148.03012 08496093 8	38.167713 1652832	5.6222648 62060547	0.0	0.0	1.9509619 47441101	324.52102 66113281	374.43276 97753906	161.08778 38134765 6	0.0			283.23519 89746094	365.60253 90625	128.39971 92382812 5	0.0	21.220476 15051269 5	7.0350503 92150879	953.7	202.763	2387	2372	2349	2022-08- 27T07:01: 27	2022-08- 27T08:01: 29	37.7	20220827-09
7822	change	130.64802 55126953	08154297	44671631		0.0	1.7203270 19691467 3	284.10928 34472656	327.79287 71972656	141.03530 88378906 2	0.0	23.490690 23132324 2	7.7386598 58703613	247.94093 32275390 6	319.93188 4765625	112.38480 37719726 6	0.0	18.543481 82678222 7	6.1559462 54730225	957.3	201.46	2387	2372	2352	2022-08- 27T06:01: 27	2022-08- 27T07:01: 27	37.2	20220827-08
7821	reeling_ex change	112.47174 07226562 5	28.977182 38830566 4	4.2582602 50091553	0.0	0.0	1.4812299 01313781 7	243.55598 44970703	281.00955 20019531	120.91905 97534179 7	0.0	20.159416 19873047	6.6650452 61383057	213.04551 69677734 4	274.92932 12890625	96.581779 47998047	0.0	15.931073 18878173 8	5.2762017 25006103 5	949.8	202.948	2395	2380	2358	2022-08- 27T05:01: 09	2022-08- 27T06:01: 27	37.2	20220827-07
7820	nw_sup_c hange																			945.8	201.237	0	2371	2348	2022-08- 27T06:00: 58	2022-08- 27T06:00: 58	37.2	
7819	nw_inf_ch ange																			944.5	200.723	0	2371	2353	2022-08- 27T06:00: 49	2022-08- 27T06:00: 49	37.7	
7818	reeling_ex change	93.851440 4296875	24.198265 07568359 4	3.5823023 31924438 5	0.0	0.0				100.87932 58666992 2	0.0	16.812498 09265136 7	5.5582547 18780518	177.42544 55566406 2	228.99900 81787109 4	80.433349 609375	0.0	13.252290 72570800 8	4.3970003 12805176	950.2	200.367	2387	2371	2348	2022-08- 27T04:01: 09	2022-08- 27T05:01: 09	37.9	20220827-06
7817		75.252777 09960938			0.0	0.0	6	6	8		0.0				183.94120 78857422			94146728	3.5199193 95446777 3	949.8	200.62	2386	2372	2353	27T03:01:	2022-08- 27T04:01: 09	37.1	20220827-05
7816	reeling_ex change	57.166099 54833984 4	14.783033 37097168	2.1494357 58590698 2	0.0	0.0	0.7539931 53572082 5	122.37285 61401367 2	141.24284 36279297	60.802585 60180664	0.0	10.136453 62854003 9	3.3279275 89416504	107.20551 30004882 8	138.46295 16601562 5	48.591354 37011719	0.0	8.0021619 79675293	2.6463201 04598999	902.9	186.928	2195	2182	2160		2022-08- 27T03:01: 10	37.6	20220827-04
7815	nw_inf_ch ange																			895.5	185.035	0	2368	2357		2022-08- 27T03:00: 31	37.2	
7814	nw_sup_c hange																			895.1	184.299	0	2368	2357		2022-08- 27T03:00: 30	37.4	
7813	reeling_ex change	39.281879 42504883	10.168865 20385742	1.5095105 17120361	0.0	0.0	0.5208848 11878204	85.447624 20654297	98.628158 56933594	42.454360 96191406	0.0	7.1017112 73193359	2.3313326 83563232	74.634155 2734375	96.427169 79980469	33.826313 01879883	0.0	5.5080986 02294922	1.8399013 28086853	941.0	201.335	2387	2371	2353	2022-08- 27T01:05:	2022-08- 27T02:05:	37.2	20220827-03

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7813	change	42504883	2	3	0.0	0.0	3	20654297	56933594			7.1017112 73193359		2/343/5	96.427169 79980469	01879883			1.8399013 28086853	941.0	201.335	2387	2371	2353	52	53	37.2	20220827-03
7812	reeling_ex change	20.812644 95849609 4	5.3968510 62774658	0.8238745 33176422 1	0.0	0.0				22.210632 32421875		3.7018177 50930786	1.2209943 53294372 6	39.440868 37768555	50.984416 96166992	17.879964 82849121	0.0		0.9753069 87762451 2	947.8	200.83	2386	2371	2358	2022-08- 27T00:05: 51	2022-08- 27T01:05: 52	37.3	20220827-02
7811	reeling_ex change	2.1037402 15301513 7	18797302	0.0707801 05888843 54	0.0	0.0	0.0268704 98433709 145	4.5704450 60729980 5	5.2803850 17395019 5	2.2747614 38369751	0.0	0.4176743 92461776 73	0.1186015 38240909 58	3.8055438 99536133	4.9215989 112854	1.7051268 81599426 3	0.0	90018844	0.0936959 68389511 11	948.3	203.068	2391	2373	2361	2022-08- 26T23:05: 42	2022-08- 27T00:05: 51	37.3	20220827-01
7810	nw_sup_c hange																			938.3	201.546	0	116	116		2022-08- 27T00:05: 11	37.2	
7809	nw_sup_c hange																			938.3	201.546	0	116	116		2022-08- 27T00:05: 11	37.2	
7808	reeling_ex change	351.71566 77246094	185.81565 85693359 4	17.706697 46398925 8	0.0	0.0	5.6161537 17041016	749.79400 63476562	1059.7127 68554687 5	591.51306 15234375	0.0	74.835418 70117188	24.869682 31201172	656.32751 46484375	1062.0980 22460937 5	477.47879 02832031	0.0		19.683864 59350586	942.7	202.639	2386	2368	2357	2022-08- 26T22:05: 39	2022-08- 26T23:05: 42	37.7	20220826-25
7807	reeling_ex change	332.58145 14160156	180.86892 70019531 2	16.900289 53552246	0.0	0.0	5.3647909 16442871	708.62561 03515625	1012.2034 91210937 5	571.04376 22070312	0.0	71.402465 8203125	23.727405 54809570 3	620.62084 9609375	1015.4603 88183593 8	461.30255 12695312 5	0.0		18.791643 14270019 5	944.5	207.561	2387	2374	2365	2022-08- 26T21:05: 38	2022-08- 26T22:05: 39	37.6	20220826-24
7806	reeling_ex change	312.99130 24902344	175.79885 86425781 2	16.072481 15539550 8	0.0	0.0	5.1033129 69207764	667.98754 8828125	965.27008 05664062	550.83081 0546875	0.0	68.033302 3071289	22.624046 32568359 4	585.52758 7890625	969.16058 34960938	445.38369 75097656	0.0		17.926870 34606933 6	914.5	191.414	2252	2236	2225	2022-08- 26T20:09: 07	2022-08- 26T21:05: 38	37.1	20220826-23
7805	nw_sup_c hange																			910.5	191.205	0	116	116	2022-08- 26T21:05: 09	2022-08- 26T21:05: 09	37.1	
7804	nw_inf_ch ange																			909.7	190.858	0	2183	2172	2022-08- 26T21:05: 02	2022-08- 26T21:05: 02	37.3	
7803	reeling_ex change	294.16342 16308594	170.92721 55761718 8	15.288330 078125	0.0	0.0	4.8627805 70983887	629.25402 83203125	920.57513 42773438	531.59320 06835938	0.0	64.846427 91748047	21.556016 92199707	552.60412 59765625	926.17089 84375	430.4834 <u>2</u> 89550781	0.0	51.810924 5300293	17.113210 67810058 6	209.1	8.47896	117	116	116	2022-08- 26T20:06: 02	2022-08- 26T20:09: 07	37.6	20220826-22
7802	reeling_ex change	293.82458 49609375	170.84152 22167968 8	15.278330 80291748	0.0	0.0	4.8534321 78497314 5	627.01080 32226562	917.99737 54882812	530.48352 05078125	0.0	64.666091 91894531	21.498487 47253418	550.39880 37109375	923.30334 47265625	429.49157 71484375	0.0	51.683734 89379883	17.050260 54382324 2	943.6	207.393	2386	2370	2358	2022-08- 26T19:05: 59	2022-08- 26T20:06: 02	37.6	20220826-21
7801	reeling_ex change	273.75540 16113281	165.62866 2109375	14.436299 32403564 5	0.0	0.0	4.5917563 43841553	586.11279 296875	870.77496 33789062	510.14920 04394531	0.0	61.294586 18164062 5	20.378807 06787109 4	514.93164 0625	877.20501 70898438	413.43008 42285156	0.0		16.195478 43933105 5	943.1	206.926	2387	2377	2365	2022-08- 26T18:06	2022-08- 26T19:05: 59	37.8	20220826-20
7800	reeling_ex change	253.00682 06787109 4	160.23849 48730468 8	13.563847 54180908 2	0.0	0.0	4.3165483 47473144 5	545.13751 22070312	823.48937 98828125	489.78509 52148437 5	0.0	57.921474 45678711	19.264175 41503906 2	479.74822 99804687 5	831.17095 94726562	397.50784 30175781	0.0		15.312836 64703369 1	939.2	205.132	2347	2329	2321	2022-08- 26T17:06: 54	2022-08- 26T18:06	37.5	20220826-19
7799	nw_inf_ch ange																			930.4	203.178	0	2348	2361	2022-08- 26T18:05: 23	2022-08- 26T18:05: 23	37.4	
7798	nw_sup_c hange																			930.4	202.926	0	2348	2361	2022-08- 26T18:05: 22	2022-08- 26T18:05: 22	37.1	
7797	reeling_ex change	24462890	91601562	12.735750 19836425 8		0.0			776.45129 39453125		0.0	54.548091 88842773 4	18.149465 56091308 6	444.77236 93847656	785.09948 73046875	381.65557 86132812 5	0.0	43.784164 42871094	14.469597 81646728 5	905.2	187.19	2197	2183	2172	2022-08- 26T16:11: 41	2022-08- 26T17:06: 54	37.2	20220826-18
7796	reeling_ex change	214.25576 78222656 2	150.24275 20751953	11.955557 82318115 2	0.0	0.0	3.8077197 07489013 7	466.08248 90136719	732.33441 16210938	450.49310 30273437 5	0.0	51.429569 24438476 6	17.089294 43359375	411.75915 52734375	741.82055 6640625	366.69665 52734375	0.0	41.296718 59741211	13.639630 31768798 8	908.3	190.777	2196	2183	2171	2022-08- 26T15:16: 35	2022-08- 26T16:11: 41	37.7	20220826-17
7795	reeling_ex change	195.31370 54443359 4	40380859	11.178243 63708496 1	0.0	0.0	3.5619850 15869140 6	427.00106 81152344	687.31414 79492188	431.08547 97363281	0.0	48.196144 10400390 6	16.026039 12353515 6	378.53274 53613281	698.32073 97460938	351.64627 07519531	0.0	38.815464 01977539		444.5	38.6219	457	458	455	2022-08- 26T14:04: 25	2022-08- 26T15:16: 35	37.7	20220826-16
7794	reeling_ex change	184.89579 77294922	142.61094 66552734 4	10.775882 72094726 6	0.0	0.0	3.4205460 54840088	410.81527 70996094	668.39233 3984375	422.69509 88769531	0.0	46.823516 84570312 5	15.564986 22894287 1	365.22653 19824219	680.58349 609375	345.37713 62304687 5	0.0	37.800857 54394531	12.494127 27355957	903.1	187.135	2127	2093	2103	2022-08- 26T13:10: 52	2022-08- 26T14:04: 25	37.2	20220826-15
7793	nw_sup_c hange																			176.0	185.279	0	2348	2361		2022-08- 26T14:04: 52	37.1	
7792	nw_inf_ch ange																			176.0	184.93	0	2347	2358		2022-08- 26T14:04: 45	37.4	
7791	reeling_ex change	173.36767 578125	133.69404 60205078	10.201528 54919433 6	0.0	0.0				396.25848 38867187 5		43.904479 98046875	14.609946 25091552 7	342.36029 05273437 5	637.66680 90820312	323.80203 24707031	0.0	35.460334 77783203	11.722175 59814453 1	959.9	207.486	2385	2348	2361		2022-08- 26T13:10: 52	37.6	20220826-14
7790	reeling_ex change	160.26788 33007812 5	123.58448 79150390 6	9.4310808 1817627	0.0	0.0	2.9690077 30484009	356.18316 65039062 5	579.43609 61914062	366.51632 69042969	0.0	40.649089 81323242						32.805244 44580078	10.843103 40881347 7	965.6	210.823	2385	2351	2364	2022-08- 26T11:10: 54	2022-08- 26T12:10: 52	37.1	20220826-13
7789	reeling_ex change	146.85185 24169922	113.26547 24121093	8.6339540 48156738	0.0	0.0	2.7282750 60653686	327.12167 35839844	532.07611 08398438	336.59078 97949219	0.0	37.335872 65014648	12.411660 19439697	291.01525 87890625	541.38085 9375	275.27633 66699219	0.0	30.142345 42846679	9.9406938 55285645	962.6	210.586	2398	2360	2372	2022-08- 26T10:10:	2022-08- 26T11:10:	37.6	20220826-12

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7789		146.85185 24169922	8	8.6339540 48156738	0.0	0.0	5	327.12167 35839844	532.07611 08398438	336.59078 97949219	1.0	4	3	291.01525 87890625	541.38085 9375	275.27633 66699219	0.0	7	9.9406938 55285645	962.6	210.586	2398	2360	2372	32	54	37.6	20220826-12
7788	nw_sup_c hange																			959.0	209.627	0	2347	2358	2022-08- 26T11:10: 27	2022-08- 26T11:10: 27	37.4	
7787	nw_inf_ch ange																			957.3	208.079	0	2339	2358	2022-08- 26T11:10: 16	2022-08- 26T11:10: 16	37.1	
7786	reeling_ex change	134.15060 42480468 8	103.44333 64868164	7.8757972 71728516	0.0	0.0	2.4846589 5652771	298.23165 89355469	484.98867 79785156	306.81240 84472656	0.0	34.018115 99731445	11.310014 72473144 5	265.40792 84667969	493.56588 74511719	251.08497 61962890 6	0.0		9.0689039 23034668	962.1	209.133	2385	2347	2358	2022-08- 26T09:10: 32	2022-08- 26T10:10: 32	37.3	20220826-11
7785	reeling_ex change	120.63430 78613281 2	93.002746 58203125	7.0714788 43688965	0.0	0.0	2.2431421 27990722 7	269.33529 66308594	437.94497 68066406	277.03744 50683594	0.0	30.757776 26037597 7	10.201873 77929687 5	239.80505 37109375	445.69512 93945312 5	226.85925 29296875	0.0	24.810714 72167968 8	8.1964454 6508789	964.8	211.161	2385	2350	2362	2022-08- 26T08:10: 32	2022-08- 26T09:10: 32	37.3	20220826-10
7784	reeling_ex change	108.52490 99731445	83.673568 72558594	6.3604021 07238769	0.0	0.0				247.41532 89794922	0.0			214.09112 54882812 5			0.0	22.193557 73925781	7.2939825 0579834	954.2	204.911	2336	2292	2311	2022-08- 26T07:11:	2022-08- 26T08:10: 32	37.2	20220826-09
7783	nw_sup_c hange						Ü	·										_		950.7	202.437	0	2339	2358	2022-08-		37.5	
7782	nw_inf_ch ange																			949.8	202.324	0	2340	2359	2022-08-		37.1	
7781	reeling_ex change	95.639183 0444336	73.755455 01708984	5.5873856 54449463	0.0	0.0	1.7754107 71369934	212.32975 76904297	345.18008 42285156	218.36398 31542968 0	0.0	24.235296 24938965	8.0431518 5546875	188.83227 5390625	350.25537 109375	178.61535 64453125	0.0	39030000			206.855	2385	2339	2358	2022-08- 26T06:11: 47	2022-08- 26T07:11: 47	37.4	20220826-08
7780	reeling_ex change	82.945678 7109375	63.949230 1940918	4.8428182 60192871	0.0	0.0	1.5437972 54562378	183.25428 77197265 6	297.88784 79003906	188.44349 67041015 6	0.0	20.917156 21948242 2	6.9361615 18096924	162.97230 52978515 6	301.88018 79882812 5	154.11590 57617187 5	0.0	16.839906 69250488 3	5.5522975 92163086	970.0	210.363	2385	2344	2360	2022-08- 26T05:11: 47	2022-08- 26T06:11: 47	37.6	20220826-07
7779	reeling_ex change	69.404235 83984375	53.506435 39428711	4.0429983 13903809	0.0	0.0	1.2871023 41651916 5	153.71440 12451172	249.84399 4140625	158.05566 40625	0.0	17.522035	5 8326035	136.64527	252.73776	129.19647		14.158831 59637451 2		943.1	202.965	2296	2252	2271	2022-08- 26T04:14	2022-08- 26T05:11: 47	37.6	20220826-06
7778	nw_sup_c hange																			938.8	201.573	0	2340	2359	2022-08- 26T05:11:	2022-08- 26T05:11: 15	37.7	
7777	nw_inf_ch ange																			937.9	201.327	0	2345	2360	2022-08- 26T05:11: 08		37.6	
7776	reeling_ex change	56.716228 48510742	43.731811 5234375	3.3053803 44390869	0.0	0.0	1.0582367 18177795 4	125.64888 00048828 1	204.18276 97753906 2	129.17590 33203125	1.0	14.313513 75579834	4.7901930 809021	111.59658 05053711	206.51776 12304687 5	105.50559 23461914	0.0	11.545677 18505859 4	3.8077533 24508667	962.2	209.222	2385	2340	2359	2022-08- 26T03:14: 01	2022-08-	37.5	20220826-05
7775	reeling_ex change	43.840072 63183594	33.798229 2175293	2.5555691 71905517 6	0.0	0.0	0.8164591 19319915 8	95.895866 39404297	155.84194 94628906 2	98.569793 70117188	1.0			85.175781		80.539108			2.9039890 7661438	965.2	213.659	2385	2348	2364	2022-08- 26T02:14: 03	2022-08- 26T03:14: 01	37.2	20220826-04
7774	reeling_ex change	30.622138 97705078	23.607267 37976074	1.7737967 96798706	0.0	0.0				68.314498 90136719		7.6133284 56878662	2.5399913 78784179 7	59.135654 44946289	109.83585 35766601	55.915420 53222656	0.0	6.2010407 44781494	1.9997971 05789184	895.5	186.521	2064	2028	2042	2022-08-		37.5	20220826-03
7773	nw_sup_c hange		-				•													889.4	183.844	0	2345	2360	2022-08-		37.4	
7772	nw_inf_ch ange																			888.1	183.208	0	2345	2366	2022-08-	2022-08- 26T02:13:	37.1	
7771	reeling_ex change	73718261		1.1066079 13970947	0.0	0.0	0.3568481 20689392	40.844928 74145508	66.347091 67480469	41.942497 25341797	1.0	4.6413292 88482666	1.5604937 07656860	36.291542 05322265 6	67.435348 51074219	34.313499 45068359	0.0		1.2424868 34526062	963.4	213.019	2385	2345	2360	2022-08-	26T01:22:	37.8	20220826-02
7770	reeling_ex	•	4.1523575	0.3106539 84546661	0.0	0.0				11.391098 97613525 4	1.0			9.8160495 75805664			0.0	1.0149672	0.3455674 35026168	963.4	212.94	2385	2352	2364	2022-08- 25T23:22:	26T00:22:	37.6	20220826-01
7769	reeling ev		183.86607	18.045562 74414062	0.0	0.0		659.89849	1153.8514		1.0	79 00/1552	26 157260	586.06005 859375	1178.9451		0.0		8 21.108476 63879394	330.4	19.473	236	234	235		25T23:22:	37.2	20220825-26
7768	onango	0.1200201	4	5 17.965606 68945312 5		0.0			5	724.23083 49609375	1.0			583.36572 265625	5		0.0	63.734027 86254883	5 21.022121 42944336	972.7	212.128	2401	2358	2382		25T23:16:	37.1	20220825-25
7767	nw_sup_c	5	2000012	5			10000420	30320123	3070	.5005575		30-12/134	3	200020	5	JUTI 100Z		00204000	12074000	969.2	213.478	0	2345	2366	46 2022-08- 25T23:15:		37.6	
7766	hange nw_inf_ch																			967.8	213.116		2350	2368	44 2022-08-	44		
	ange reeling_ex	377.65298	171.75334	17.138479	0.0	0.0	5.7146849	626.99877	1100.5432	693.56237 79296875	10	75.226379	24.931043	556.69775 390625	1124.0020	567.66534	0.0		20.099071						36 2022-08-	36 2022-08-		20220825-24
7765	change	46191406	16748047	17.138479 23278808 6	0.0	0.0	63226318	9296875	12890625	79296875		39453125	62487793	390625	75195312 5	42382812	0.0	40313476 6	50268554 7	9/1.0	217.673	∠360	2345	2366	25121:15: 45	25T22:15: 46	31.2	20220825-24

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7764	reeling_ex change	363.78359 98535156	161.06884 765625	16.339729 30908203	0.0	0.0	5.4537801 74255371	596.62951 66015625	1051.2121 58203125	662.29974 36523438	0.0	71.814636 23046875	23.763303 75671386 7	530.09088 13476562	1074.5544 43359375	542.49182 12890625	0.0		19.173990 24963379	967.8	214.455	2385	2353	2368		2022-08- 25T21:15: 45	37.6	20220825-23
7763	reeling_ex change	349.54263 30566406	150.10496 52099609 4	15.521347 99957275 4	0.0	0.0	5.1940774 91760254	566.56390 38085938	1002.3192 13867187 5	631.35705 56640625	0.0	68.351364 13574219	22.649892 80700683 6	503.33328 24707031	1024.9495 84960937 5	517.18756 10351562	0.0	55.414497 37548828	18.278545 37963867 2	962.6	210.658	2333	2299	2316		2022-08- 25T20:15: 47	37.4	20220825-22
7762	nw_sup_c hange																			959.0	208.296	0	2350	2368		2022-08- 25T20:15: 22	37.5	
7761	nw_inf_ch ange																			958.1	206.965	0	2351	2379		2022-08- 25T20:15: 13	37.2	
7760	criarige	00040070	6	14.743648 52905273 4		0.0	3324585	2/343/5	6/382812			421875	70300293	4921875	66601562	5		52.735614 77661133	17.386442 18444824 2	973.6	215.385	2385	2350	2368		2022-08- 25T19:17: 04	37.8	20220825-21
7759	reeling_ex change	321.10733 03222656	128.19010 92529297	13.901259 42230224 6	0.0	0.0				569.81915 28320312		61.570095 06225586						49.933300 01831055	16.469196 31958007 8	972.2	216.103	2385	2356	2389		2022-08- 25T18:17: 03	37.2	20220825-20
7758	reeling_ex change	307.13732 91015625	117.40525 05493164	13.112820 62530517 6	0.0	0.0	4.4068098 06823730 5	476.68545 53222656	856.14355 46875	538.82659 91210938	0.0	58.157562 25585937 5	19.259674 07226562 5	423.12222 29003906	876.57348 6328125	441.32040 40527344	0.0	47.137683 8684082	15.526054 38232421 9	949.8	211.827	2345	2311	2338	25T16:18:	2022-08- 25T17:17: 10	37.1	20220825-19
7757	nw_sup_c hange																			946.2	210.441	0	2351	2379	25T17:16: 44	2022-08- 25T17:16: 44	37.7	
7756	nw_inf_ch ange																			944.9	211.425	0	2085	2110	25T17:16: 36	2022-08- 25T17:16: 36	37.1	
7755	criarige	03327344	30223300	9		0.0	73343213	23730403	32333002			44555004	4	9009375		97558594		44.467357 63549805	14.644952 77404785 2	961.7	214.757	2385	2351	2379	25T15:18: 33	2022-08- 25T16:18: 22	37.3	20220825-18
7754	change	0/324219	90079000	4		0.0	2	8828125	78125			51.333877 56347656						41.682361 6027832	13.711786 27014160 2	962.6	218.772	2385	2354	2387	25T14:18: 46	2022-08- 25T15:18: 33	37.3	20220825-17
7753	reeling_ex change	263.96594 23828125	84.100036 62109375	10.673392 29583740 2	0.0	0.0	3.6125860 2142334	386.19812 01171875	709.08679 19921875	445.70635 98632812 5	0.0	47.884910 58349609 4		342.63165 28320312 5	727.81146 24023438	365.28970 33691406	0.0		12.810241 69921875	929.9	201.55	2219	2183	2211	25T13:23: 06	2022-08- 25T14:18: 46	37.7	20220825-16
7752	nw_sup_c hange																			926.9	199.719	0	2085	2110	25T14:18: 24	2022-08- 25T14:18: 24	37.2	
7751	nw_inf_ch ange																			926.0	199.962	0	2266	2299	25T14:18: 16	2022-08- 25T14:18: 16	37.3	
7750				9.9212884 9029541		0.0	6	65136719	86328125				-		680.61157 2265625			79345703		914.2	194.101	2116	2085	2110	25T12:30: 10	2022-08- 25T13:23: 06	37.6	20220825-15
7749	change	64404297	70117188			0.0				388.03848 26660156		41.542308 80737305						25952148 4	11.088105 20172119 1	265.5	10.2654	129	127	128	25T12:26: 50	2022-08- 25T12:30: 10	37.6	20220825-14
7748				9.1775293 35021973		0.0	40030200	51855469	31835938			•	-		632.53088 37890625			00976562 5	11.031538 96331787 1	929.1	201.602	2185	2155	2179	25T11:32: 09	2022-08- 25T12:26: 50	37.5	20220825-13
7747				8.4738254 54711914		0.0				357.01870 72753906		38.088359 83276367						24047851	10.183605 19409179 7	462.3	42.0695	475	474	479	25T10:01: 01	2022-08- 25T11:32: 09	37.8	20220825-12
7746	reeling_ex change	211.96118 1640625	44.558975 21972656	7.8062748 90899658	0.0	0.0	2.6540851 59301758	283.56680 29785156	542.42541 50390625	340.26702 88085937 5	0.0	36.221122 74169922	12.005734 44366455	251.63833 61816406 2	559.12689 20898438	279.10015 86914062 5	0.0	29.459371 56677246	9.7025194 16809082	956.0	222.742	2303	2266	2299	25T09:03: 14	2022-08- 25T10:01: 01	37.2	20220825-11
7745	nw_sup_c hange																			1200.0	0.491511	0	2266	2299	25T10:01: 43	2022-08- 25T10:01: 43	37.5	
7744	nw_inf_ch ange	100 (====					0.402-200					00.755555				051 0000		00.0000		1200.0	226.456	0	2329	2362	25T10:01: 33		37.7	
7743	reeling_ex change	192.15586 85302734 4	40.389301 30004883	7.0908775 32958984	0.0	0.0	3	15625	5025			4	11529541	26220703		5	0.0	/	8.7380590 43884277		231.979	2381	2344	2377	25T08:03: 33	2022-08- 25T09:03: 14	37.3	20220825-10
7742				6.3059082 03125		0.0	4.07.47700	000 00 105		273.37893 67675781	0.0	29.138069 15283203						4	7.7695546 15020752		229.956	2381	2345	2379	25T07:03: 52	2022-08- 25T08:03: 33	37.2	20220825-09
7741	reeling_ex change	149.65431 21337890 6	31.437812 80517578	5.5244174 00360107	0.0	0.0	1.8747788 66767883 3	200.33485 41259765 6	381.68991 08886719	239.43220 52001953	0.0	25.488159 1796875	8.4544258 11767578	176.63810 72998047	394.65725 70800781	195.96304 32128906 2	0.0	20.731437 68310547	6.7918834 6862793	978.8	236.006	2438	2400	2435	2022-08- 25T06:02: 44	2022-08- 25T07:03: 52	37.7	20220825-08

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7740	nw_sup_c hange																			974.0	232.334	0	2329	2362	2022-08- 25T07:03: 15	2022-08- 25T07:03: 15	37.2	
7739	nw_inf_ch ange																			974.0	232.236	0	2329	2362	2022-08- 25T07:03: 14	2022-08- 25T07:03: 14	37.2	
7738		-	•	34899902		0.0	1.6198838 94920349 1	171.70706 17675781 2	326.18908 69140625	204.61563 11035156 2	0.0	21.814243 31665039	7.2359509 46807861	151.38002 01416015 6	338.05368 04199219	167.93017 578125	0.0	1090409	5.8059415 81726074		228.422	2365	2329	2362	2022-08- 25T05:03: 25	2022-08- 25T06:02: 44	37.2	20220825-07
7737				3.9609351 15814209		0.0				170.88955 68847656 2					282.60641 47949219			4	4.8766732 21588135		233.157	2365	2332	2363	2022-08- 25T04:04: 08	2022-08- 25T05:03: 25	37.8	20220825-06
7736	reeling_ex change	87.479972 83935547	18.396263 12255859 4	3.1959407 32955932 6	0.0	0.0	1.0944429 63600158 7	115.64072 41821289	219.32572 93701172	137.62295 53222656 0 2	0.0	14.674561 50054931 6	4.8445768 35632324	101.97383 88061523 4	227.77641 29638672	113.16985 32104492 2	0.0	12.006572 72338867 2	3.9208800 79269409	974.9	232.524	2410	2373	2407	2022-08- 25T03:03: 41	2022-08- 25T04:04: 08	37.7	20220825-05
7735	nw_sup_c hange																			970.9	228.851	0	2329	2362	2022-08- 25T04:03: 40	2022-08- 25T04:03: 40	37.7	
7734	nw_inf_ch ange																			969.6	231.836	0	2323	2367	2022-08- 25T04:03: 31	2022-08- 25T04:03: 31	37.1	
7733	onango	20201010	3	2.4111764 43099975 6		0.0	0.8286299 10945892 3	87.249900 8178711	165.31686 40136718 8	103.73397 06420898 0 4	0.0	11.048360 82458496 1	3.6432490 34881592	76.705444 3359375	171.34690 85693359 4	85.134994 50683594	0.0	9.0440788 26904297	2.9374947 54791259 8	967.4	229.134	2365	2329	2362	2022-08- 25T02:04: 22	2022-08- 25T03:03: 41	37.7	20220825-04
7732	reeling_ex change	44.960006 71386719	9.4465255 73730469	1.6394494 77195739 7	0.0	0.0	0.5660528 54061126 7	58.954685 21118164	111.60781 86035156 2	70.021354 67529297	0.0	7.4240355 49163818	2.4607617 85507202	52.261154 17480469	116.74249 26757812 5	58.014324 18823242			2.0114662 64724731 4		225.866	2365	2331	2364	2022-08- 25T01:05: 04	2022-08- 25T02:04: 22	37.1	20220825-03
7731	reeling_ex change	23.701862 33520507 8	4.9717216 49169922	0.8661758 30364227 3	0.0	0.0	0.2956783 47349166 87	31.166698 45581054 7	59.012535 09521484 4	37.030036 92626953	0.0	3.9268114 56680298	1.3019163 60855102 5	27.442153 93066406 2	61.287296 29516601 6	30.455671 31042480 5	0.0	3.2264993 19076538	1.0521106 71997070 3	970.0	228.237	2353	2311	2354	2022-08- 25T00:06: 03	2022-08- 25T01:05: 04	37.3	20220825-02
7730	nw_sup_c hange																			966.1	225.301	0	2323	2367	2022-08- 25T01:04: 35	2022-08- 25T01:04: 35	37.7	
7729	nw_inf_ch ange																			964.8	226.215	0	2347	2388	2022-08- 25T01:04: 27	2022-08- 25T01:04: 27	37.3	
7728	change	18844604 5	3	31537818 91		0.0				3.8426990 50903320 3		0.4163085 52026748 66							0.1171950 54888725 28	981.1	226.691	2366	2323	2367	2022-08- 24T23:06: 44	2022-08- 25T00:06: 03	37.6	20220825-01
7727				17.288303 37524414		0.0	13211113	34373	45705125			76.629844 66552734							20.303739 54772949 2	981.4	228.589	2366	2328	2368	26	24T23:06: 44	37.6	20220824-24
7726	reeling_ex change	473.84509 27734375	57.519622 80273437 5	16.502176 28479004	0.0	0.0	5.5256667 137146	712.56433 10546875	1023.6944 58007812 5	603.25048 828125	0.0	73.059066 77246094	24.156335 83068847 7	629.99957 27539062	1045.8922 11914062 5	489.64959 71679687 5	0.0	58.388515 47241211	19.337421 41723632 8	963.8	222.569	2342	2301	2344	39	24T22:07: 26	37.7	20220824-23
7725	nw_sup_c hange																			960.8	221.033	0	2347	2388	2022-08- 24T22:07: 01	2022-08- 24T22:07: 01	37.6	
7724	nw_sup_c hange																			960.8	221.033	0	2347	2388	2022-08- 24T22:07: 01	2022-08- 24T22:07: 01	37.6	
7723	onango	020.070	4	15.737388 61083984 4		0.0	5.2615389 82391357	684.69403 07617188	970.87542 72460938	570.09643 5546875	0.0				991.04235 83984375			55.534645 08056640 6	18.372343 06335449 2	973.1	230.275	2387	2347	2388	2022-08- 24T20:08: 50	2022-08- 24T21:08: 39	37.6	20220824-22
7722	reeling_ex change	431.75701 90429687 5	48.624835 96801758	14.946565 62805175 8	0.0	0.0	65008545	55078125	917.31866 45507812	88671875	0.0				934.92614 74609375			92578125	03313023	973.0	227.487	2386	2350	2388	2022-08- 24T19:09: 03	2022-08- 24T20:08: 50	37.6	20220824-21
7721	reeling_ex change	410.06063 84277344	44.043231 96411133	14.131588 93585205	0.0	0.0	4.7232055 6640625	628.00384 52148438	863.07110 59570312	502.48611 45019531	0.0	62.322444 91577148 4	20.624141 69311523 4	555.39306 640625	878.92559 81445312	406.85253 90625	0.0	49.690551 7578125	16.440917 96875	940.9	217.813	2244	2209	2241	2022-08- 24T18:12: 46	2022-08- 24T19:09: 03	37.4	20220824-20
7720	nw_sup_c hange																			935.2	216.756	0	2230	2262	37	24T19:08: 37	37.1	
7719	nw_inf_ch ange																			933.9	216.167	0	2191	2223	29	24T19:08: 29	37.4	
7718	reeling_ex change	388.48336 79199219	39.519111 63330078	13.342851 63879394 5	0.0	0.0	0/0/0410	34179000	15820312			58.888408 66088867						50219726 6	15.534987 44964599 6		218.107	2265	2230	2262	2022-08- 24T17:15: 57	24T18:12:	37.2	20220824-19
7717	reeling_ex change	366.98861 69433594	35.038837 43286133	12.560167 31262207	0.0	0.0	4.1774368 28613281	574.32916 25976562	760.10290 52734375	437.94869 99511719	0.0	55.441787 71972656	18.346380 23376465	507.69430 54199219	771.86389 16015625	353.88021 85058594	0.0	44.097465 51513672	14.601060 86730957	953.1	219.97	2266	2233	2265	2022-08- 24T16:19: 15	2022-08- 24T17:15: 57	37.4	20220824-18

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7716	reeling_ex change	345.88388 06152344	30.586502 07519531 2	11.792672 15728759 8	0.0	0.0	3.9140558 24279785	547.63568 11523438	708.85461 42578125	405.81262 20703125	0.0	51.995552 06298828	17.205150 60424804 7	483.72668 45703125	718.05700 68359375	327.28549 19433594	0.0	41.303169 25048828	13.698594 09332275 4	433.7	32.856	360	350	360	2022-08- 24T15:59: 17	2022-08- 24T16:19: 15	37.7	20220824-17
7715	nw_sup_c hange																			185.8	0.580473	0	2019	2003	2022-08- 24T16:01: 04	2022-08- 24T16:01: 04	5.0	
7714	reeling_ex change	339.60250 85449219	29.276447 29614257 8	11.561871 52862548 8	0.0	0.0	3.8342213 63067627	541.58215 33203125		398.51202 39257812 5	0.0	51.225284 57641601 6	16.971347 80883789	478.40365 60058594	706.13671 875	321.40054 32128906	0.0	40.667976 37939453	13.466497 42126464 8	929.0	209.891	2222	2191	2223	2022-08- 24T15:04: 11	2022-08- 24T15:59: 17	38.2	20220824-16
7713	reeling_ex change	319.09722 90039062 5	24.953823 08959961	10.815179 82482910 2	0.0	0.0	3.5803997 51663208	515.61120 60546875	647.23138 42773438	367.15191 65039062 5	0.0	47.844921 11206055	15.866758 34655761 7	454.95779 41894531	653.36303 7109375	295.32733 15429687 5	0.0	37.925395 96557617	12.568542 48046875	889.8	199.207	2047	2018	2047	2022-08- 24T14:13: 34	2022-08- 24T15:04: 11	37.6	20220824-15
7712	reeling_ex change	299.70010 37597656	20.864061 35559082	10.108046 53167724 6	0.0	0.0	3.3292894 36340332	491.46627 80761719	600.75506 59179688	338.02008 05664062 5	0.0	44.700740 81420898 4	14.831736 56463623	433.59848 02246094	605.40521 24023438	271.62246 70410156	0.0	04492187	11.729373 93188476 6	889.8	192.121	2033	2010	2034		2022-08- 24T14:13: 34	37.8	20220824-14
7711		282.00320 43457031			0.0	0.0	3.1111268 99719238 3	467.75320 43457031	554.85150 14648438	309.22320 55664062 5	0.0	41.642456 0546875	13.801891 32690429 7	412.41125 48828125	557.81323 2421875	248.11508 17871093 8	0.0	32.951461 79199219	10.920886 99340820 3	472.0	96.0197	1053	1021	1015	2022-08- 24T10:52: 16	2022-08- 24T13:23: 20	37.7	20220824-13
7710	nw_sup_c hange																			343.4	21.637	0	2019	2003	2022-08- 24T11:00: 18	2022-08- 24T11:00: 18	37.6	
7709	nw_inf_ch ange																			340.4	20.9698	0	2334	2317	2022-08- 24T11:00: 09	2022-08- 24T11:00: 09	37.1	
7708	reeling_ex change	257.54626 46484375	13.027721 40502929 7	8.6011304 85534668	0.0	0.0	2.8177540 30227661	446.51251 22070312 5	520.92840 57617188	288.71606 4453125	0.0	39.298515 31982422						30.986463 54675293	10.287844 65789795	897.8	194.311	2064	2019	2003	2022-08- 24T10:00: 43	2022-08- 24T10:52: 16	37.3	20220824-12
7707		236.75495 91064453				0.0	2.5898830 89065551 8	410.59494 01855469	479.03082 27539062 5	265.51321 41113281	0.0	36.121646 88110351 6	11.997857 09381103 5	361.65780 63964844	480.12741 08886719	212.71792 60253906 2	0.0	4	9.4524717 33093262		224.876	2387	2338	2318	2022-08- 24T09:01: 15	2022-08- 24T10:00: 43	37.0	20220824-11
7706	reeling_ex change	213.19288 63525390 6	10.847726 82189941 4	7.1538996 69647217	0.0	0.0	2.3269617 55752563 5	368.66644 28710937 5	430.09042 35839844	238.37887 57324218 8	0.0	32.404689 78881836	10.774329 18548584	325.44616 69921875	431.57455 44433594	191.38653 56445312 5	0.0	7			221.647	2385	2340	2322	2022-08- 24T08:01: 49	2022-08- 24T09:01: 15	37.1	20220824-10
7705	reeling_ex change	189.65995 78857422	9.6843252 18200684	6.3691902 16064453	0.0	0.0	2.0725142 95578003	326.91290 28320312 5	381.33737 18261719	211.35874 93896484 4	0.0	28.714389 80102539	9.5511646 27075195	288.69046 02050781	382.34545 8984375	169.77380 37109375	0.0	22.764219 28405761 7	7.5388574 60021973	945.4	216.532	2335	2285	2269	2022-08- 24T07:03: 36	2022-08- 24T08:01: 49	37.5	20220824-09
7704	nw_sup_c hange																			941.4	214.548	0	2334	2317	2022-08- 24T08:01: 18	2022-08- 24T08:01: 18	37.6	
7703	nw_inf_ch ange																			940.5	214.283	0	2338	2315	2022-08- 24T08:01: 11	2022-08- 24T08:01: 11	37.6	
7702		6	9000914			0.0	74520874	34277344	54296875					252.94692 99316406 2				37854004	99560547	957.3	223.404	2385	2334	2317	2022-08- 24T06:04: 07	2022-08- 24T07:03: 36	37.6	20220824-08
7701		143.93727 11181640 6				0.0	1.5726484 06028747 6	245.15069 58007812 5	286.05203 24707031	158.52316 28417968 8	0.0			217.16938 78173828				17.115159 98840332	5.6605954 17022705	955.9	217.726	2386	2340	2323	2022-08- 24T05:04: 39	2022-08- 24T06:04: 07	37.0	20220824-07
7700	reeling_ex change	120.61467 74291992 2	6.2174162 86468506	4.0686655 04455566	0.0	0.0	86439514	24511718	238.99667 35839843 8	132.44410 70556640 6	0.0	18.040416 71752929 7	6.0089774 1317749	181.38407 89794922	238.79197 69287109 4	106.61501 31225586	0.0	14.315344 81048584	4.7323803 90167236	966.1	221.852	2447	2400	2376	2022-08- 24T04:03: 12	2022-08- 24T05:04: 39	37.1	20220824-06
7699	nw_sup_c hange																			950.7	214.733	0	2338	2315	2022-08- 24T05:02: 54	2022-08- 24T05:02: 54	37.5	
7698	nw_inf_ch ange																			949.8	214.276	0	2334	2320	2022-08- 24T05:02: 45	2022-08- 24T05:02: 45	37.7	
7697		96.566123 96240234				0.0	19836425 8	03320312 5	8	42846679 0 7		14.397972 10693359 4						35858154 3	3.8010618 68667602 5		217.937	2385	2338	2315	2022-08- 24T03:03: 18	2022-08- 24T04:03: 12	37.1	20220824-05
7696		73.278984 06982422				0.0	~	-	-	79.667724 609375									2.8704850 67367553 7	974.7	215.084	2385	2340	2317	24	24T03:03: 18	37.7	20220824-04
7695	reeling_ex change	49.035774 23095703	2.5243539 81018066 4	1.6415706 87294006 3	0.0	0.0	0.5347248 31581115 7	83.088882 44628906	96.917404 17480469	53.730480 1940918	0.0	7.3521337 50915527	2.4080359 9357605	73.561943 05419922	96.467552 1850586	43.216125 48828125	0.0	62506103	1.9377814 53132629 4	980.2	221.522	2460	2406	2389	2022-08- 24T01:01: 36	2022-08- 24T02:03: 24	37.0	20220824-03
7694	nw_sup_c hange																			976.7	223.29	0	2334	2320		2022-08- 24T02:02: 57	37.7	
7693	nw_inf_ch ange																			975.8	222.921	0	2337	2323	2022-08- 24T02:02: 51	24T02:02:	37.8	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7692	reeling_ex change	24.183176 04064941 4	1.2435746 19293213	0.8078984 02214050 3	0.0	0.0	0.2603451 90763473 5	41.773769 37866211	48.714714 05029297	27.016021 72851562 5	0.0	3.7099778 65219116	1.2006248 23570251 5	37.142299 65209961	48.762855 52978515 6	21.817461 01379394 5	0.0		0.9719244 24171447 8	962.3	216.388	2385	2334	2320		2022-08- 24T01:01: 36	37.8	20220824-02
7691	reeling_ex change	0.4535720 34835815 43	58196401	0.0200091 56316518 784	0.0	0.0	22784841	51910400	2.1827781 20040893 6	22035217	0.0	0.1799001 99174880	0.0570542	1.4458959 10263061	1.9115676 87988281		0.0		0.0590544 08222436 905	974.5	214.614	2387	2341	2323		2022-08- 24T00:01: 39	37.3	20220824-01
7690	reeling_ex change	573.20886 23046875	29.361885 07080078	19.193801 87988281 2	0.0	0.0	6.2597498 89373779	932.44067 3828125	1086.3518 06640625	602.34875 48828125	0.0	81.605163 57421875	27.072492 59948730 5	818.94409 1796875	1081.1085 20507812 5	480.94909 66796875	0.0		21.304220 19958496	964.8	219.654	2394	2345	2332		2022-08- 23T23:01: 45	37.5	20220823-25
7689	nw_sup_c hange	:																		960.3	217.373	0	2338	2324	23T23:01:	2022-08- 23T23:01: 11	37.1	
7688	nw_inf_ch ange																			960.3	217.28	0	2338	2324		2022-08- 23T23:01: 10	37.3	
7687	reeling_ex change	548.44091 796875	28.087984 08508300 8	18.355997 08557129	0.0	0.0	5.9868583 67919922	891.71875	1038.9925 53710937 5	576.12957 76367188	0.0	78.061813 35449219	25.866931 91528320 3	783.25994 87304688	1034.2821 04492187 5	459.95745 84960937 5	0.0	61.798019 40917969	20.378639 22119140 6	966.5	218.105	2385	2337	2323		2022-08- 23T22:01: 37	37.1	20220823-24
7686	reeling_ex change	524.57995 60546875	26.846601 48620605 5	17.554992 67578125	0.0	0.0	5.7317657 47070312 5	851.51458 74023438	992.22216 796875	550.22528 07617188	0.0	74.506256 10351562	24.703918 45703125	747.58374 0234375	987.30340 57617188	438.99969 48242187 5	0.0	59.038703 91845703		964.3	219.745	2385	2341	2326		2022-08- 23T21:01: 42	37.6	20220823-23
7685	reeling_ex change	499.22088 62304687 5	25.516925 81176757 8	16.708366 39404297	0.0	0.0	5.4469141 96014404	811.24340 8203125	945.59075 92773438	524.39880 37109375	0.0	70.994476 31835938	23.548564 91088867 2	712.52001 953125	940.95910 64453125	418.41241 45507812 5	0.0	56.294258 11767578		932.1	210.319	2281	2234	2219		2022-08- 23T20:01: 48	37.1	20220823-22
7684	nw_sup_c hange	;																		928.6	208.483	0	2338	2324		2022-08- 23T20:01: 22	37.7	
7683	nw_inf_ch ange	ı																		927.7	207.912	0	2336	2321		2022-08- 23T20:01: 15	37.7	
7682	change	5	6	15.907984 73358154 3		0.0	5.1871271 13342285	772.07904 05273438	899.98303 22265625	499.09295 65429687 5	0.0	67.601547 24121094	22.402711 86828613 3	678.27050 78125	895.73895 26367188	398.27581 78710937 5	0.0		17.610528 94592285	955.3	217.44	2386	2338	2324		2022-08- 23T19:04: 30	37.7	20220823-21
7681				15.058857 91778564 5		0.0	4.9163436 88964844	731.92742 91992188	853.19989 01367188	473.15597 53417969	0.0	64.101303 10058594						50.750259 39941406	16.721313 4765625	262.3	9.83491	125	123	122		2022-08- 23T18:04: 42	37.7	20220823-20
7680				14.979146 95739746 1		0.0	30704040	90007612	220/03/12			63.920440 67382812 5						96728515	16.659873 96240234 4	959.5	215.75	2385	2343	2329		2022-08- 23T18:01: 26	37.3	20220823-19
7679	reeling_ex change	421.42871 09375	21.446844 10095215	14.123422 62268066 4	0.0	0.0	4.6111955 64270019 5	689.15551 7578125	803.32025 14648438	445.50885 00976562 5	0.0	60.311302 18505859 4	19.990737 91503906 2	605.55291 74804688	799.86627 19726562	355.58218 38378906	0.0		15.737444 87762451 2	967.4	223.251	2451	2401	2385	2022-08- 23T15:59: 58	2022-08- 23T17:01: 31	37.8	20220823-18
7678	nw_sup_c hange	:																		963.0	222.819	0	2347	2325	23T17:00: 59	2022-08- 23T17:00: 59	37.5	
7677	nw_inf_ch ange																			962.6	222.726	0	2347	2325		2022-08- 23T17:00: 57	37.1	
7676	change	5	8	13.214761 73400878 9		0.0	51422119	01757812	755.32006 8359375	85644531	0.0	56.713294 98291015 6						28735351 6	14.818022 72796630 9		217.18	2385	2336	2321	23T15:00: 02	2022-08- 23T15:59: 58	37.0	20220823-17
7675				12.368264 19830322 3		0.0	4.0360817 90924072	607.68084 71679688	708.25585 9375	392.80734 25292969	0.0	53.127227 78320312 5						42.137287 13989258	13.875735 28289795	961.4	218.365	2386	2348	2333		2022-08- 23T15:00: 02	37.1	20220823-16
7674	reeling_ex change	342.71505 73730469	17.391475 67749023 4	11.502925 87280273 4	0.0	0.0			660.35858 15429688		0.0	49.531703 94897461	16.392156 60095215	497.98245 23925781	657.67358 3984375	292.39413 45214844	0.0		12.947971 34399414	968.3	225.777	2453	2415	2390		2022-08- 23T14:00: 09	37.3	20220823-15
7673	nw_inf_ch ange																			963.4	224.026	0	129	128	34	23T13:59: 34	37.1	
7672	nw_sup_c hange																			963.4	224.105	0	129	128	23T13:59: 33	2022-08- 23T13:59: 33	37.8	
7671	change	50488281	6060791			0.0	3.4704983 23440551 8	49414062	90820312	21484375		45.865196 22802734 4	2	04433123	03313023	34472030		3/340020			216.178	2385	2347	2325	23T11:58: 37	2022-08- 23T12:58: 32	37.6	20220823-14
7670	reeling_ex change	292.38424 68261719	14.839056 01501464 8	9.8310356 14013672	0.0	0.0				313.22732 54394531		42.340751 64794922							11.071799 27825927 7	966.7	219.291	2386	2339	2323	23T10:58: 43	2022-08- 23T11:58: 37	37.7	20220823-13
7669	reeling_ex change	267.49456 78710937 5	13.572086 33422851 6	9.0024023 05603027	0.0	0.0	2.9352638 72146606 4	444.50466 91894531	517.88055 41992188	287.18634 03320312 5	0.0	38.824813 84277344	12.846701 62200927 7	390.26354 98046875	514.28643 79882812	229.15126 03759765 6	0.0	38952636	10.121088 02795410 2	936.5	205.774	2281	2233	2217	2022-08- 23T10:01: 31	2022-08- 23T10:58: 43	37.1	20220823-12

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7668	nw_sup_c hange																			933.0	204.944	0	129	128	2022-08- 23T10:58: 17	2022-08- 23T10:58: 17	37.3	
7667	nw_inf_ch ange																			932.1	202.774	0	2345	2324	2022-08- 23T10:58: 10	2022-08- 23T10:58: 10	37.6	
7666	reeling_ex change	244.71159 36279297	12.419747 35260009 8	8.2401418 68591309	0.0	0.0	2.6858103 27529907 2	406.10412 59765625	473.10079 95605469	262.35183 71582031	0.0				468.79019 16503906			28.120254 51660156 2	9.2335186 00463867	266.6	10.074	132	129	128	2022-08- 23T09:58: 06	2022-08- 23T10:01: 31	37.5	20220823-11
7665	reeling_ex change	243.33575 43945312 5	12.352038 38348388 7	8.1900186 53869629	0.0	0.0				260.70297 24121094					466.33010 86425781			27.992481 23168945 3	9.2049274 44458008	959.9	214.824	2385	2335	2318	2022-08- 23T08:58: 12	2022-08- 23T09:58: 06	37.6	20220823-10
7664	reeling_ex change	219.49760 43701172	11.157724 38049316 4	7.3994326 5914917	0.0	0.0	2.4095976 35269165	363.68704 22363281	423.60736 08398437 5	234.88084 41162109 4	0.0	31.753225 32653808 6	10.508014 67895507 8	318.74993 89648437 5	419.38772 58300781	187.18072 50976562 5	0.0	25.183967 59033203	8.2631683 34960938	966.1	215.462	2385	2340	2323	2022-08- 23T07:58: 20	2022-08- 23T08:58: 12	37.2	20220823-09
7663	reeling_ex change	194.77206 42089843 8	9.8959321 975708	6.5737810 13488769 5	0.0	0.0	2.1350629 32968139 6	323.27490 234375	376.48754 8828125	208.74169 921875	0.0	28.240211 48681640 6	9.3466444 01550293	283.73712 15820312 5	373.02261 35253906	166.59878 54003906 2	0.0	22.383520 12634277 3	7.3805174 82757568	965.1	213.188	2377	2334	2311	2022-08- 23T06:58: 35	2022-08- 23T07:58: 20	37.5	20220823-08
7662	nw_sup_c hange																			955.0	213.465	0	2345	2324	2022-08- 23T07:57: 51	2022-08- 23T07:57: 51	37.2	
7661	nw_inf_ch ange																			954.2	213.191	0	2341	2320	2022-08- 23T07:57: 45	2022-08- 23T07:57: 45	37.1	
7660	reeling_ex change	171.08857 72705078	8.6880426 40686035	5.7785143 85223389	0.0	0.0	1.8780579 56695556 6				0.0	24.727630 61523437 5	8.1868057 25097656	248.72256 46972656 2	326.71041 87011719	146.03013 61083984 4	0.0	6	34338379		216.935	2385	2345	2324	2022-08- 23T05:58: 39	2022-08- 23T06:58: 35	37.1	20220823-07
7659	reeling_ex change	147.43792 72460937 5	7.4855132 10296631	4.9799938 2019043	0.0	0.0	1.6137492 65670776 4	243.00437 92724609 4	283.02108 76464844	156.89373 77929687 5	0.0	6	00090924	3/6123		125.20053 10058593 8	0.0	5	02276611		213.443	2387	2351	2332	2022-08- 23T04:58: 46	2022-08- 23T05:58: 39	37.0	20220823-06
7658	reeling_ex change	122.87522 12524414	6.2479996 68121338	4.1585044 86083984	0.0	0.0	1.3434069 15664672 9	202.87763 97705078	236.30737 3046875	130.97874 45068359 4	0.0	17.755386 35253906 2	5.8932623 86322021 5	177.97509 765625	233.32557 67822265 6	104.44821 92993164	0.0	14.033793 44940185 5	4.6193289 7567749	971.6	219.106	2417	2372	2351	2022-08- 23T03:58: 03	2022-08- 23T04:58: 46	37.2	20220823-05
7657	nw_inf_ch ange																			964.8	214.727	0	2339	2323	2022-08- 23T04:58: 12	2022-08- 23T04:58: 12	37.4	
7656	nw_sup_c hange																			964.3	214.805	0	2339	2323	2022-08- 23T04:58: 10	2022-08- 23T04:58: 10	37.7	
7655	reeling_ex change	99.415008 54492188	5.0567417 14477539	3.3624377 25067138 7	0.0	0.0	25563049 3	06738281 2	2	35424804 (7		14.131300 92620849 6	4.7027363 77716064 5	141.81742 85888672	185.93353 27148437 5	83.224243 1640625	0.0	2	3939209	963.8	215.841	2385	2341	2320	2022-08- 23T02:58: 09	2022-08- 23T03:58: 03	37.5	20220823-04
7654	change		14654541	7		0.0	0.8163191 67613983 2	121.37691 49780273 4	141.36756 89697265 6	78.372070 3125	0.0	10.608822 8225708	3.5297873 02017212	106.31411 74316406 2	139.37091 06445312 5	62.386863 70849609 4	0.0	8.3914880 75256348	2.7654333 11462402 3	969.5	216.556	2385	2346	2327	2022-08- 23T01:58: 13	2022-08- 23T02:58: 09	37.2	20220823-03
7653	reeling_ex change	50.020389 55688476 6	2.5431685 44769287	1.6845071 31576538	0.0	0.0	0.5536246 29974365 2	80.758155 8227539	94.051528 93066406	52.128570 55664062 5	0.0	7.0837907 79113769 5	2.3468868 73245239 3	70.879325 86669922	92.747474 67041016	41.568721 77124023 4	0.0		1.8504524 23095703 1	954.2	213.342	2372	2326	2309	2022-08- 23T00:58: 39	2022-08- 23T01:58: 13	37.1	20220823-02
7652	nw_sup_c hange																			951.5	213.1	0	2339	2323	2022-08- 23T01:57: 49	2022-08- 23T01:57: 49	37.4	
7651	nw_inf_ch ange																			950.2	210.728	0	2138	2122	2022-08- 23T01:57: 41	2022-08- 23T01:57: 41	37.4	
7650	reeling_ex change	69799804	1.2712790 96603393 6	0.8478028 77426147 5	0.0	0.0	0.2864691 01905822 75	40.562458 03833008	47.262954 71191406	26.180625 91552734 4	0.0	3.5472848 41537475 6	1.1899251 93786621	35.518962 86010742	46.379676 81884765 6	20.827789 30664062 5	0.0	5234375	0.9384548 06804657	904.4	217.65	2386	2339	2323	2022-08- 22T23:58: 42	2022-08- 23T00:58: 39	37.3	20220823-01
7649	change	63085938	62536621		0.0	0.0	6.4770302 77252197	982.16870 1171875	1146.1125 48828125	635.45971 6796875	0.0				1140.1063 23242187 5		0.0	18847656	22.332183 83789062 5	002.0	219.03	2387	2346	2327	2022-08- 22T22:58: 51	2022-08- 22T23:58: 42	37.3	20220822-28
7648	reeling_ex change	571.57122 80273438	28.587190 62805175 8	19.307256 6986084	0.0	0.0	6.2239151 00097656	941.52276 61132812	1098.7399 90234375	609.21917 72460938	0.0	82.475189 20898438	27.356884 00268554 7	821.14422 60742188	1093.3125	482.28414 91699219	0.0	64.748428 34472656	21.418489 45617675 8	915.8	196.27	2145	2101	2087	2022-08- 22T22:04: 56	2022-08- 22T22:58: 51	37.0	20220822-27
7647	nw_sup_c hange																			912.3	192.689	0	2138	2122	2022-08- 22T22:58: 25	2022-08- 22T22:58: 25	37.0	
7646	nw_inf_ch ange																			911.0	192.199	0	2341	2329	2022-08- 22T22:58: 15	2022-08- 22T22:58: 15	37.4	
7645	reeling_ex change	548.79418 9453125	27.422464 37072754	18.554981 23168945 3	0.0	0.0	5.9778432 84606934	904.57324 21875	1055.6658 93554687 5	585.38269 04296875	0.0	79.222068 7866211	26.276758 19396972 7	789.06469 7265625	1051.3970 94726562 5	463.46267 70019531	0.0	62.200576 78222656	20.557910 91918945 3	925.1	198.668	2180	2138	2122	2022-08- 22T21:10: 17	2022-08- 22T22:04: 56	37.2	20220822-26

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7644	reeling_ex change	526.56616 2109375	26.290878 29589843 8	17.805236 81640625	0.0	0.0	5.7304668 42651367	867.22009 27734375	1012.1099 24316406 2	561.27832 03125	0.0	75.967201 23291016	25.198513 03100586	756.63275 14648438	1008.7157 59277343 8	444.43154 90722656	0.0	59.644786 8347168	19.725793 83850097 7	269.1	10.5696	132	130	129	2022-08- 22T21:06: 59	2022-08- 22T21:10: 17	37.5	20220822-25
7643	reeling_ex	524.55377 19726562	26.193759	17.734340	0.0	0.0	5.7114524 84130859	865.02575 68359375	1009.5544 43359375	559.85552 97851562	0.0	75.726631 16455078	25.140165 32897949 2	754.89251 70898438	1006.3887 32910156 2	443.38919 06738281	0.0	59.517055 51147461	19.697126 38854980 5	261.5	9.61474	122	117	116		2022-08- 22T21:06: 59	37.7	20220822-24
7642	reeling_ex change	523.86376 953125	26.152137 75634765 6	17.713973 99902343 8	0.0	0.0				558.52850 34179688		01020120	00/0201	752.79150 390625	5	5		59.389324 18823242	19.639791 48864746	295.0	14.2401	173	170	169		2022-08- 22T21:03: 58	37.8	20220822-23
7641	change	521.03668 21289062	00982422	30082129		0.0	0202207	24804688	0040025			75.305755 61523438						98583984 4	19.553789 13879394 5		216.725	2385	2344	2326		2022-08- 22T20:59: 30	37.3	20220822-22
7640	reeling_ex change	496.24804 6875	24.749900 81787109 4	16.775539 39819336	0.0	0.0	5.3998484 61151123	819.01733 3984375	955.91198 73046875	530.13732 91015625	0.0	71.755378 72314453	23.793405 53283691 4	714.46832 27539062	952.85583 49609375	419.66015 625	0.0	56.388175 96435547	18.636116 02783203	963.9	219.745	2386	2338	2323	22T18:59: 40	2022-08- 22T19:59: 34	37.7	20220822-21
7639	nw_sup_c hange																			960.3	216.609	0	2341	2329	22T19:59: 06	2022-08- 22T19:59: 06	37.4	
7638	nw_inf_ch ange																			959.5	214.189	0	2336	2320	22T19:58: 58	2022-08- 22T19:58: 58	37.7	
7637		470.74987 79296875				0.0				503.53875 73242187 5				678.80908 203125					17.717327 11791992 2		215.841	2385	2341	2329	22T17:59: 44	2022-08- 22T18:59: 40	37.6	20220822-20
7636		444.36544 79980469				0.0				476.87515 25878906				643.39685 05859375				00433104	16.793849 94506836		215.75	2386	2344	2331	22T16:59: 51	2022-08- 22T17:59: 44	37.4	20220822-19
7635	reeling_ex change	418.06030 2734375	20.768245 69702148 4	14.171943 66455078 1	0.0	0.0	4.5533428 19213867	695.84906 00585938	812.21728 515625	450.43896 484375	0.0	60.985492 70629883	20.219646 45385742 2	607.50646 97265625	809.34704 58984375	356.85189 81933594	0.0	47.952747 3449707	15.862545 96710205	966.9	217.029	2397	2348	2330	35	22T16:59: 51	37.0	20220822-18
7634	nw_sup_c hange																			963.8	216.904	0	2336	2320	22T16:59: 27	2022-08- 22T16:59: 27	37.6	
7633	nw_inf_ch ange																			962.6	216.184	0	2349	2332	22T16:59: 18	2022-08- 22T16:59: 18	37.4	
7632		391.43664 55078125				0.0				423.70343 01757812 5		57.372749 32861328						45.154064 1784668	7	966.1	218.82	2386	2336	2320	22T14:59: 41	2022-08- 22T15:59: 35	37.8	20220822-17
7631		366.96127 31933594				0.0	4	890625	10351562			8684082	7		209/0002	99121094		42.365280 15136719	3	971.8	214.278	2385	2343	2327	47	22T14:59: 41	37.2	20220822-16
7630	reeling_ex change	341.77862 54882812 5	16.919624 32861328	27404785 2	0.0	0.0	3.7161939 14413452	572.92193 60351562	668.72802 734375	370.86148 07128906	0.0	50.196994 78149414	19458007 8	45898437 5	666.53161 62109375	294.43350 21972656	0.0		13.079239 84527587 9	962.1	215.725	2371	2321	2304	22T13:00: 14	2022-08- 22T13:59: 47	37.4	20220822-15
7629	nw_sup_c hange																			958.6	214.983	0	2349	2332	22T13:59: 21	2022-08- 22T13:59: 21	37.2	
7628	nw_inf_ch ange			10 770055								40,000,70	45 477005						10.105000	957.7	214.406	0	2317	2302	22T13:59: 14	2022-08- 22T13:59: 14	37.0	
7627		317.16458 12988281				0.0	00478882	80859375	09720002			6	7		53125	12890625	0.0		'		217.381	2400	2349	2332	22T11:59: 57	2022-08- 22T13:00: 14	37.3	20220822-14
7626	reeling_ex change	291.42361 45019531	14.430594 44427490 2	9.8992576 5991211	0.0	0.0	7	20214844	9453125					430.05810 546875				00000701	11.242628 09753418		219.032	2401	2355	2339	22T10:59: 39	2022-08- 22T11:59: 57	37.1	20220822-13
7625	reeling_ex change	267.71228 02734375	13.266109 46655273 4	9.1129112 24365234	0.0	0.0	2.9131181 24008178 7	449.87454 22363281	525.16455 078125	291.21630 859375	0.0	39.423069 00024414	13.066703 79638671 9	393.90240 47851562 5	522.54003 90625	231.43391 41845703	0.0	31.142997 74169922	10.278699 87487793	978.3	225.725	2487	2435	2417	22T09:57: 10	2022-08- 22T10:59: 39	37.7	20220822-12
7624	nw_sup_c hange																			972.7	224.456	0	2319	2301	22T10:59: 07		37.8	
7623	nw_inf_ch ange		10.0000=1					407.000				05 00505	11 000155	050 7005	470 770- :	000 000-2		00.005455		972.2	224.273	0	2319	2301	22T10:59: 05		37.1	
7622		242.23278 80859375				0.0				263.65151 97753906		42773437 5	69750976 6	356.73626 70898437 5	75585937 5	92480468 8		6			215.715	2366	2317	2302	22T08:57: 45	2022-08- 22T09:57: 10	37.7	20220822-11
7621	reeling_ex change	218.80836 48681640 6	10.851376 5335083	7.4557690 62042236	0.0	0.0	2.3739924 43084717	367.01010 13183594	428.44750 9765625	237.56988 52539062 5	0.0	32.141189 57519531	10.652202 60620117 2	321.77456 66503906	426.04916 38183594	189.08039 85595703	0.0	25.465797 42431640 6	8.4101629 25720215	951.9	216.424	2366	2325	2306		2022-08- 22T08:57: 45	37.1	20220822-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7620				6.6365413 66577148	0.0	0.0			381.50982 66601562 5	211.55137 63427734 0 4	.0			286.26745 60546875		168.23435 97412109 4	0.0		7.4786577 22473144 5	975.8	218.017	2414	2363	2346	2022-08- 22T06:57: 43	2022-08- 22T07:58: 21	37.2	20220822-09
7619	nw_sup_c hange																			972.7	218.664	0	2319	2301	2022-08- 22T07:57: 55	2022-08- 22T07:57: 55	37.7	
7618	nw_inf_ch ange																			971.4	218.203	0	2321	2300	2022-08- 22T07:57: 47	2022-08- 22T07:57: 47	37.5	
7617				5.8132977 48565674		0.0	1.8564941 88308715 8	285.28735 3515625	333.07580 56640625	184.67741 39404297 0	.0	25.010446 54846191 4	8.2868728 63769531	250.06130 98144531 2	330.36062 62207031	146.97891 23535156 2	0.0	19.794689 17846679 7	6.5426683 42590332	968.3	217.884	2365	2319	2301	2022-08- 22T05:58: 18	2022-08- 22T06:57: 43	37.1	20220822-08
7616	reeling_ex change	147.94219 97070312 5	7.3420810 69946289	5.0511536 59820557	0.0	0.0	1.6106824 87487793	244.85855 10253906 2	285.88104 24804687 5	158.51696 77734375 0	.0	21.438632 96508789	7.1126322 74627685 5	214.96952 81982422	283.81530 76171875	126.36328 88793945 3	0.0	17.002325 0579834	5.6296997 0703125	977.2	215.599	2366	2328	2310	2022-08- 22T04:58: 55	2022-08- 22T05:58: 18	37.5	20220822-07
7615	reeling_ex change	124.00804 90112304 7	6.1561675 07171631	4.2222409 24835205	0.0	0.0	1.3488481 04476928 7	204.43107 60498047	238.69415 28320312 5	132.34452 81982422 0	.0	17.920711 51733398 4	5.9458336 83013916	179.27894 59228515 6	236.54640 19775390 6	105.37881 46972656 2	0.0	14.196064 94903564 5	4.6793837 54730225	959.9	218.468	2405	2358	2337	2022-08- 22T03:58: 29	2022-08- 22T04:58: 55	37.1	20220822-06
7614	nw_sup_c hange																			956.8	215.525	0	2321	2300	2022-08- 22T04:58: 29	2022-08- 22T04:58: 29	37.8	
7613	nw_inf_ch ange																			955.5	215.189	0	2119	2104	2022-08- 22T04:58: 20	2022-08- 22T04:58: 20	37.5	
7612	change	42138672	11975098	3.3450195 78933716		0.0				105.46985 62622070 0 3	.0	14.294941 90216064 5	4.7332100 8682251	143.21768 18847656 2	188.88917 54150390 6	84.177551 26953125	0.0	11.308458 32824707	3.7322525 97808838	950.7	212.296	2365	2321	2300	2022-08- 22T02:59: 05	2022-08- 22T03:58: 29	37.4	20220822-05
7611				08743286		0.0	19031301	41123432	143.42544 55566406 2	79.530609 13085938 0	.0	10.734427 45208740 2	3.5796575 54626465	107.77261 35253906 2	142.08940 12451172	63.340194 70214844	0.0	8.5362529 75463867	2.8196003 43704223 6	960.3	213.714	2366	2329	2309	2022-08- 22T01:59: 52	2022-08- 22T02:59: 05	37.2	20220822-04
7610	reeling_ex change	50.325859 06982422	2.4797472 95379638 7	1.7197306 15615844 7	0.0	0.0	0.5503434 53884124 8	82.669021 60644531	96.525650 02441406	53.522762 29858398 0 4	.0	7.1992378 23486328	2.4281892 77648926	72.432044 98291016	95.488830 56640625	42.574783 32519531	0.0	5.6985564 23187256	1.9081469 77424621 6	948.4	204.368	2243	2196	2180	2022-08- 22T01:03: 29	2022-08- 22T01:59: 52	37.7	20220822-03
7609	nw_sup_c hange																			944.5	204.019	0	2119	2104	2022-08- 22T01:59: 25	2022-08- 22T01:59: 25	37.1	
7608	nw_inf_ch ange																			943.6	204.065	0	766	761	2022-08- 22T01:59: 18	2022-08- 22T01:59: 18	37.2	
7607	reeling_ex change	27.193237 3046875	1.3396444 32067871	0.9290577 17323303 2	0.0	0.0				28.423904 41894531 0 2		3.8117063 04550171	1.3100914 95513916	39.041530 60913086	51.334007 26318359 4	22.952054 97741699 2	0.0		1.0312070 84655761 7	930.4	198.125	2165	2119	2104	2022-08- 22T00:09: 06	2022-08- 22T01:03: 29	37.0	20220822-02
7606	reeling_ex change	4.4665303 23028564 5	0.2169300 91381073	0.1445048 45142364 5	0.0	0.0	0.0448341 22061729 43	6.8163847 92327881	7.9483828 5446167	4.4110770 2255249 0	.0	2	1	6.1939530 37261963	140020	6			0.1562690 43684005 74	926.4	198.217	2166	2123	2105	2022-08- 21T23:14: 49	2022-08- 22T00:09: 06	37.1	20220822-01
7605	reeling_ex change	352.67440 79589844	17.814500 80871582	11.784381 86645507 8	0.0	0.0	3.8478679 65698242	488.95074 46289062 5	569.01306 15234375	316.12042 23632812 0 5	.0	42.959442 13867187 5	14.218169 21234130 9	443.19180 29785156	583.16375 73242188	260.51861 57226562 5	0.0	35.015609 74121094	11.560438 15612793	516.6	53.8653	612	602	597	2022-08- 21T21:43: 21	2022-08- 21T23:14: 49	37.3	20220821-13
7604	reeling_ex change	328.41772 4609375	16.570989 60876465	10.950212 47863769 5	0.0	0.0	3.5818018 91326904 3	468.13681 03027344	544.74499 51171875	302.65756 22558594 0	.0	41.138908 38623047	13.605403 90014648 4	424.79617 30957031	559.02789 30664062	249.68908 69140625	0.0	33.549251 55639648 4	11.090701 10321045	785.8	147.936	1629	1592	1582	2022-08- 21T21:02: 28	2022-08- 21T21:43: 21	37.2	20220821-12
7603	nw_sup_c hange																			781.4	146.513	0	766	761	2022-08- 21T21:42: 55	2022-08- 21T21:42: 55	37.6	
7602	nw_inf_ch ange																			780.0	144.86	0	2325	2307	2022-08- 21T21:42: 47	2022-08- 21T21:42: 47	37.2	
7601	change	15039062 5	91491699 2	10.377634 04846191 4		0.0	3.3973257 54165649 4				.0	38.738197 32666015 6	12.804504 39453125	400.45358 27636719	527.20117 1875	235.39657 59277343 8	0.0	31.617879 86755371	7		73.1029	780	766	761	2022-08- 21T09:05: 27	2022-08- 21T21:02: 28	37.5	20220821-11
7600				7.4875459 67102051		0.0				242.68661 49902343 0 8		32.966156 00585937 5	10.902845 38269043	329.33596 80175781	433.74829 1015625	193.57830 81054687 5	0.0	26.008018 49365234 4	8.5994434 35668945	963.0	216.966	2355	2311	2295	2022-08- 21T08:05: 53	2022-08- 21T09:05: 27	37.0	20220821-10
7599				6.6828722 95379639		0.0	2.1982736 58752441 4	334.81610 10742187 5	389.53295 8984375	216.50424 19433593 0 8	.0	29.451229 09545898 4	9.7260274 88708496	293.61965 94238281	386.74551 39160156	172.60398 86474609 4	0.0	23.218652 72521972 7	7.6597065 92559814 5	963.8	216.09	2367	2329	2315	2022-08- 21T07:06: 21	2022-08- 21T08:05: 53	37.0	20220821-09
7598	reeling_ex change	177.11814 88037109 4	8.7721920 01342773	5.8775482 17773437 5	0.0	0.0	1.9357725 38185119 6	294.00320 43457031	342.07189 94140625	190.12550 35400390 0 6	.0	25.871246 33789062 5	8.5291767 12036133	257.68493 65234375	339.47756 95800781	151.49536 1328125	0.0	20.358547 21069336	6.7312207 22198486	979.7	217.669	2405	2365	2345	2022-08- 21T06:05: 47	2022-08- 21T07:06: 21	37.2	20220821-08
7597	nw_sup_c hange																			974.9	217.088	0	2325	2307	2022-08- 21T07:05: 48	2022-08- 21T07:05: 48	37.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	ВЗ	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7596	nw_inf_ch ange																			974.5	216.72	0	2324	2306	2022-08- 21T07:05: 42	2022-08- 21T07:05: 42	37.1	
7595	reeling_ex change	153.32945 25146484 4	7.6001381 87408447	5.0994443 89343262	0.0	0.0	1.6740269 66094970 7		293.98919 67773437 5	163.38932 80029297	0.0	22.186124 80163574 2	7.3399982 45239258	221.80715 94238281 2	292.10101 31835937 5	130.41192 62695312 5	0.0	17.505651 47399902 3	5.7768850 32653809	973.4	215.599	2366	2325	2307	2022-08- 21T05:06: 15	2022-08- 21T06:05: 47	37.5	20220821-07
7594	reeling_ex change	128.06265 25878906 2	6.3556838 0355835	4.2517266 27349853 5	0.0	0.0			246.95559 69238281 2	137.24386 59667968 0 8	0.0	18.621929 16870117 2	6.1833376 88446045	185.67175 29296875	244.62121 58203125	109.17829 13208007 8		4	13303004		216.516	2365	2327	2315	2022-08- 21T04:06: 44	2022-08- 21T05:06: 15	37.4	20220821-06
7593	reeling_ex change	104.18896 484375	5.1746392 25006103 5	3.4466063 97628784	0.0	0.0	1.1350016 59393310 5	171.16227 72216797	199.19935 60791015 6	110.70644 37866211	0.0	15.037318 22967529 3	4.9765648 84185791	149.91728 21044922	197.66452 02636718 8	88.150451 66015625	0.0	11.818397 52197265 6	3.9116024 9710083	974.7	214.805	2370	2328	2310	2022-08- 21T03:07: 04	2022-08- 21T04:06: 44	37.1	20220821-05
7592	nw_sup_c hange																			963.0	214.126	0	2324	2306	2022-08- 21T04:06: 13	2022-08- 21T04:06: 13	37.1	
7591	nw_inf_ch ange																			962.1	213.665	0	2095	2085	2022-08- 21T04:06: 04	2022-08- 21T04:06: 04	37.6	
7590	reeling_ex change	78.944061 27929688	3.9201588 63067627	2.5940804 48150634 8	0.0	0.0	0.8594968 31893920 9	130.16613 76953125	151.48883 05664062 5	84.178833 0078125	0.0	11.455985 06927490 2	3.7814755 4397583	113.76177 21557617 2	150.18925 47607422	66.895217 89550781	0.0	8.9608898 1628418	2.9744858 74176025 4	962.6	211.635	2365	2324	2306	2022-08- 21T02:07: 31	2022-08- 21T03:07: 04	37.6	20220821-04
7589	reeling_ex change	54.889583 58764648 4	2.7293510 43701172	1.8032419 68154907 2	0.0	0.0	0.5932805 53817749	89.152740 47851562	103.76035 30883789	57.673713 68408203	0.0	7.8123016 35742187 5					0.0	07 100 102			216.516	2365	2329	2315	2022-08- 21T01:08: 02	2022-08- 21T02:07: 31	37.2	20220821-03
7588	reeling_ex change	89538574	1.4493436 81335449 2	0.9577780 36594390 9	0.0	0.0	0.3176349 69949722 3	47.810024 26147461	55.642242 43164062 5	30.939153 67126465	0.0	4.2199239 73083496	1.3962916 13578796 4	41.651779 17480469	55.054450 98876953	24.495534 89685058 6	0.0	3.2374691 9631958	1.0789322 85308838	936.1	204.936	2227	2192	2175	2022-08- 21T00:11: 58	2022-08- 21T01:08: 02	37.6	20220821-02
7587	nw_sup_c hange																			931.7	204.127	0	2095	2085	2022-08- 21T01:07: 31	2022-08- 21T01:07: 31	37.8	
7586	nw_inf_ch ange																			930.4	203.466	0	2286	2271	2022-08- 21T01:07: 23	2022-08- 21T01:07: 23	37.7	
7585	onango	0.10.10000	66	0.1836178 00474166 87		0.0	86	43518000	98272705			0.8196856 37950897 2						37893676 8	0.2104634 94062423 7	922.4	197.698	2135	2095	2085	2022-08- 20T23:18: 13	2022-08- 21T00:11: 58	37.2	20220821-01
7584				18.622594 83337402 3		0.0	2020/042	22070312	3125			79.139419 55566406						62.157653 80859375	20.562768 93615722 7	915.0	198.432	2135	2099	2086	35	20T23:18: 13	37.3	20220820-25
7583				21013903		0.0	5.9027857 78045654	864.46197 50976562	1006.2073 97460937 5	559.03955 078125	0.0	75.847381 59179688					0.0		19.715791 70227050 8	547.4	62.3893	692	686	681	58	20T22:24: 35	37.7	20220820-24
7582	reeling_ex change	519.35595 703125	26.264926 91040039	17.173740 38696289	0.0	0.0	5.6735644 34051514	836.80059 81445312	973.98968 50585938	541.14733 88671875	0.0	73.447181 70166016	24.352983 47473144 5	730.32849 12109375	969.92395 01953125	428.99227 90527344	0.0		19.109891 89147949 2	950.7	215.009	2317	2276	2260	38	20T21:02: 58	37.3	20220820-23
7581	nw_sup_c hange																			176.0	214.902	0	2232	2221	2022-08- 20T21:03: 14	2022-08- 20T21:03: 14	37.3	
7580	nw_inf_ch ange																			176.0	214.716	0	2232	2221	2022-08- 20T21:03: 12	2022-08- 20T21:03: 12	37.5	
7579	reeling_ex change	99414062 5	86938476 6	16.318361 28234863 3		0.0	5.3879542 35076904	795.75811 76757812	926.18634 03320312	514.59912 109375	0.0	69.856979 37011719	23.164152 14538574 2	694.91741 94335938	922.81848 14453125	408.20596 31347656	0.0	54.881942 74902344	18.171968 46008300 8	953.0	219.256	2325	2286	2271	2022-08- 20T19:06: 14	2022-08- 20T20:04: 38	37.3	20220820-22
7578				15.465214 72930908 2		0.0	5.0952987 67089844	754.60369 87304688	878.26269 53125	487.97186 27929687 5	0.0	75341797	11364746	658.67944 3359375	30273438	50097656	0.0	97802734	17.237104 41589355 5	458.9	42.2497	463	458	455	2022-08- 20T17:37: 23	2022-08- 20T19:06: 14	37.6	20220820-21
7577	reeling_ex change	448.38848 87695312 5	22.684999 46594238 3	14.866420 74584961	0.0	0.0	0335083	046875	852.25274 65820312	44140625	0.0	88085938	44116211	639.45629 8828125	00/908/5	0/285150		50.472522 7355957	16.725837 70751953	889.8	190.277	2028	1995	1980	2022-08- 20T16:46: 19	2022-08- 20T17:37: 23	37.3	20220820-20
7576	reeling_ex change	426.16778 56445312 5	21.580398 55957031 2	14.139367 10357666	0.0	0.0	4.6495256 42395019 5	696.68182 37304688	810.8125	450.51211 54785156	0.0	61.116973 87695312 5	20.293094 63500976 6	608.37463 37890625	807.43133 54492188	357.33825 68359375	0.0	48.039623 26049805	15.919114 11285400 4	951.5	221.276	2358	2313	2299	58	20T16:46: 19	37.0	20220820-19
7575	nw_sup_c hange																			948.0	219.942	0	2232	2221	51	20T16:45: 51	37.1	
7574	nw_inf_ch ange																			947.1	219.303	0	132	132	2022-08- 20T16:45: 45	2022-08- 20T16:45: 45	37.6	
7573	reeling_ex change	399.76266 47949219	20.262853 62243652 3	13.265964 50805664	0.0	0.0	4.3631677 62756348	655.52239 99023438	762.88739 01367188	423.86376 953125	0.0	57.506042 48046875	19.079980 85021972 7	572.75268 5546875	759.95709 22851562	336.41546 63085937 5	0.0	64208984	15.005550 38452148 4	937.9	212.569	2275	2232	2221	2022-08- 20T14:49: 42	2022-08- 20T15:46: 58	37.7	20220820-18

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7572	reeling_ex change	373.63442 99316406	18.962257 38525390 6	12.408998 48937988 3	0.0	0.0	4.0803451 53808594	615.54852 29492188	716.33746 33789062	398.02374 26757812 5	0.0	54.009887 6953125	17.911861 41967773 4	538.23815 91796875	713.91766 35742188	316.12985 22949219	0.0	35742187	14.106014 25170898 4	940.6	215.016	2275	2236	2229		2022-08- 20T14:49: 42	37.1	20220820-17
7571	reeling_ex change	348.53955 078125	17.726024 62768554 7	11.590261 45935058 6	0.0	0.0	7	700020	08359375			92400409	90002793	47336394	667.77252 19726562	5		39.743183 13598633	13.189105 03387451 2	340.1	19.7536	234	232	231		2022-08- 20T13:52: 34	37.8	20220820-16
7570	reeling_ex change	345.89254 76074219	17.604255 67626953	11.500305 17578125	0.0	0.0	3.7831287 38403320 3	571.83721 92382812	665.43127 44140625	369.74462 890625	0.0	50.156295 77636719	16.649824 14245605 5	499.98010 25390625	662.99444 58007812	293.66189 57519531	0.0		13.103665 35186767 6	933.0	209.904	2243	2204	2187	2022-08- 20T12:47: 30	2022-08- 20T13:43: 51	37.6	20220820-15
7569	nw_sup_c hange																			945.7	209.579	0	132	132		2022-08- 20T13:43: 53	37.0	
7568	nw_inf_ch ange																			932.6	209.423	0	2333	2315		2022-08- 20T13:43: 46	37.2	
7567		320.06140 13671875			0.0	0.0	3.5021340 84701538	532.61999 51171875	619.78692 62695312	344.38253 78417969	0.0	46.736080 16967773 4	15.511606 21643066 4	465.74166 87011719	617.43756 10351562	273.55636 59667969	0.0			271.0	10.8502	135	132	132		2022-08- 20T12:47: 30	37.1	20220820-14
7566	change		4	4		0.0	14178467	76953125	616.78338 62304688	24121094	0.0	4	30255127	21972000	614.60565 18554688	5		31958008			222.385	2375	2330	2315	2022-08- 20T11:44: 12	2022-08- 20T12:43: 59	37.7	20220820-13
7565	reeling_ex change	293.14578 24707031	14.877219 20013427 7	9.7728099 82299805	0.0	0.0				315.71466 06445312 5					566.40472 41210938				11.196629 52423095 7	965.2	219.359	2375	2340	2321	20T10:44: 27	2022-08- 20T11:44: 12	37.4	20220820-12
7564	reeling_ex change	268.74826 04980469	13.516332 62634277 3	8.9688653 94592285	0.0	0.0	2.9410321 71249389 6	446.61273 19335937 5	519.68328 85742188	288.74847 41210937 5	0.0	39.213516 23535156	12.987621 30737304 7	391.18762 20703125	518.04040 52734375	229.76943 96972656 2	0.0	91918945	10.260825 15716552 7	951.1	216.093	2339	2298	2276	20T09:45: 34	2022-08- 20T10:44: 27	37.2	20220820-11
7563	nw_sup_c hange																			947.1	214.414	0	2333	2315	20T10:43: 59	2022-08- 20T10:43: 59	37.2	
7562	nw_inf_ch ange																			945.8	215.283	0	2336	2323	20T10:43: 50	2022-08- 20T10:43: 50	37.7	
7561		244.32864 37988281 2				0.0				262.54873 65722656					470.55581 66503906			33037422			218.53	2375	2333	2315	20T08:45: 47	2022-08- 20T09:45: 34	37.8	20220820-10
7560	reeling_ex change	220.01858 52050781 2	10.829413 41400146 5	7.3477902 41241455	0.0	0.0				235.56474 30419922			•		422.02481 07910156			8	41455078	968.2	221.086	2375	2335	2325	20T07:46: 01	2022-08- 20T08:45: 47	36.9	20220820-09
7559		196.13810 72998047			0.0	0.0	2.1479289 53170776 4	323.22314 453125	376.11407 47070312 5	208.93937 68310547	0.0	28.412279 12902832	9.4551715 85083008	283.13397 21679687 5	373.64273 07128906	166.29977 41699218 8	0.0	22.298364 63928222 7		960.8	216.374	2346	2304	2292	20T06:46: 57	2022-08- 20T07:46: 01	37.1	20220820-08
7558	nw_sup_c hange																			955.5	215.314	0	2323	2313	20T07:45: 22	2022-08- 20T07:45: 22	37.2	
7557	nw_sup_c hange																			955.5	215.314	0	2323	2313	20T07:45: 22	2022-08- 20T07:45: 22	37.2	
7556	reeling_ex change	171.12023 92578125	70349121	01531962		0.0				182.33351 13525390 6		2	430542	79248047	326.27212 52441406	5		3	6.4948806 76269531		220.709	2375	2336	2323	20T05:47: 09	2022-08- 20T06:46: 57	37.8	20220820-07
7555		6	91021209			0.0				155.58029 17480468 8	0.0				278.29995 72753906			01010010	5.5372333 52661133	972.1	219.62	2376	2337	2327	20T04:47: 23	2022-08- 20T05:47: 09	37.4	20220820-06
7554	reeling_ex change	120.85758 97216796 9	5.9524955 74951172	4.0394916 53442383	0.0	0.0	44674682	50585937	232.27569 58007812 5	59130859	0.0	17.557765 96069336	5.8268308 63952637	175.40510 55908203	230.16836 54785156 2	103.03585 81542968 8	0.0	13.855854 98809814 5	4.6061339 37835693	977.1	226.444	2422	2379	2369	20T03:46: 25	2022-08- 20T04:47: 23	37.7	20220820-05
7553	nw_sup_c hange																			970.0	222.81	0	2323	2313	20T04:46: 50	2022-08- 20T04:46: 50	37.6	
7552	nw_inf_ch ange																			969.2	222.435	0	2324	2313	20T04:46: 44		37.7	
7551	change	96.096336 3647461	6184082	9//09/05		0.0	3	8	0/900/3			2	67053223	98486328	181.26884 46044922	68359375			3.6151585 57891845 7		221.231	2365	2323	2313	20T02:46: 53	2022-08- 20T03:46: 25	37.0	20220820-04
7550	reeling_ex change	70.459449 7680664	3.4812178 61175537	2.3479623 79455566 4	0.0	0.0	0.7663892 50755310 1								133.90139 77050781 2			10113332	2.6679732 79953003		222.482	2365	2326	2319	20T01:47: 23	2022-08- 20T02:46: 53	37.0	20220820-03
7549	reeling_ex change	45.829605 10253906	2.2643654 34646606 4	1.5180504 32205200 2	0.0	0.0	0.4965726 43518447 9	74.663551 3305664	86.877639 77050781	48.262706 7565918	0.0	6.5777049 06463623	2.1635181 90383911	65.690750 12207031	86.196243 28613281	38.558048 24829101 6	0.0	5.1914968 49060059	1.7178736 92512512 2	942.7	210.105	2262	2223	2213	2022-08- 20T00:50: 24	2022-08- 20T01:47: 23	37.1	20220820-02

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7548	nw_sup_c hange																			938.3	208.322	0	2324	2313	2022-08- 20T01:46: 53	2022-08- 20T01:46: 53	37.9	
7547	nw_inf_ch ange																			937.4	206.314	0	2331	2316	2022-08- 20T01:46: 46	2022-08- 20T01:46: 46	37.9	
7546	reeling_ex change	2	3110042	0.7336135 50662994 4		0.0	0.2411058 39610099 8	35.399482 72705078	41.165622 71118164	22.861732 48291015 6	0.0	3.1443960 66665649 4	1.0267611 74201965 3	31.182899 47509765 6	40.949615 47851562 5	18.299093 24645996	0.0	2.4629518 98574829	0.8199406 86225891 1	950.2	219.343	2366	2324	2313	2022-08- 19T23:50: 51	2022-08- 20T00:50: 24	37.2	20220820-01
7545	reeling_ex change	618.55108 64257812	30.737438 20190429 7	20.770534 51538086	0.0	0.0	6.7528834 34295654	993.36071 77734375	1156.0333 25195312 5	642.10913 0859375	0.0	87.144332 88574219	28.946348 19030761 7	870.75012 20703125	1143.9718 01757812 5	510.68975 83007812 5	0.0	68.650932 31201172	22.676828 38439941 4	959.9	222.22	2366	2327	2316	2022-08- 19T22:51: 27	2022-08- 19T23:50: 51	37.8	20220819-27
7544	reeling_ex change	593.06634 52148438	29.462020 87402343 8	19.906702 04162597 7	0.0	0.0	6.4734129 90570068	952.19189 453125	1108.1348 87695312 5	615.50213 62304688	0.0	83.517112 7319336						65.794914 24560547	21.763563 15612793	252.8	8.52636	111	109	109	2022-08- 19T22:48: 34	2022-08- 19T22:51: 27	37.6	20220819-26
7543	reeling_ex change	591.98889 16015625	29.407180 78613281 2	19.865457 53479004	0.0	0.0	6.4548096 65679932	950.21856 68945312	1105.8316 65039062 5	614.22680 6640625	0.0	83.335380 55419922	27.699960 70861816 4	833.01770 01953125	1094.3562 01171875	488.52017 21191406	0.0	65.664695 7397461	21.706411 36169433 6	964.8	227.937	2437	2399	2384	2022-08- 19T21:47: 13	2022-08- 19T22:48: 34	37.6	20220819-25
7542	nw_sup_c hange																			960.8	225.11	0	2331	2316	2022-08- 19T22:48: 03	2022-08- 19T22:48: 03	37.7	
7541	nw_inf_ch ange																			959.5	224.564	0	2324	2311	2022-08- 19T22:47: 56	2022-08- 19T22:47: 56	37.1	
7540	reeling_ex change	565.12634 27734375	28.069040 29846191 4	18.966583 25195312 5	0.0	0.0	6.1661300 65917969	907.63824 46289062	1056.2897 94921875	586.69122 31445312	0.0	79.571823 12011719	26.454774 85656738 3	795.63916 015625	1045.1632 08007812 5	466.58395 38574219	0.0	52954101 6	20.731962 20397949 2	952.5	220.313	2365	2331	2316	2022-08- 19T20:47: 40	2022-08- 19T21:47: 13	37.6	20220819-24
7539	reeling_ex change	538.42376 70898438	26.732353 21044922	18.076234 81750488 3	0.0	0.0	5.8740324 97406006	866.27600 09765625	1008.1488 64746093 8	559.92199 70703125	0.0	75.915557 86132812						59.913890 83862305	19.780527 11486816 4	953.3	219.677	2366	2334	2321	2022-08- 19T19:48: 10	2022-08- 19T20:47: 40	37.3	20220819-23
7538	reeling_ex change	511.17602 5390625	25.356498 71826172	17.166870 1171875	0.0	0.0	5.5788578 98712158	824.89752 19726562	959.98675 53710938	533.14447 02148438	0.0	72.309555 05371094	24.045413 97094726 6	724.07965 08789062	950.84039 30664062	424.59936 5234375	0.0		18.854574 20349121	959.9	228.0	2411	2369	2356	2022-08- 19T18:47: 27	2022-08- 19T19:48: 10	37.4	20220819-22
7537	nw_sup_c hange																			956.4	225.142	0	2324	2311	2022-08- 19T19:47: 42	2022-08- 19T19:47: 42	37.8	
7536	nw_inf_ch ange																			955.5	224.593	0	2330	2317	2022-08- 19T19:47: 35	2022-08- 19T19:47: 35	37.6	
7535		483.86886 59667969				0.0	5.2815032 00531006	783.09094 23828125	911.33575 43945312	506.13095 09277344	0.0	.0000	00012010	687.08264 16015625	902.15710 44921875	402.90216 06445312 5	0.0	54.148609 16137695	17.896886 82556152 3	951.5	216.09	2365	2324	2311	2022-08- 19T17:47: 56	2022-08- 19T18:47: 27	37.3	20220819-21
7534	reeling_ex change	457.42034 91210937 5	22.636461 25793457	15.368543 62487793	0.0	0.0			863.48950 1953125		0.0	65.066581 72607422	21.653507 23266601 6	651.53125	855.44256 59179688	382.06054 6875	0.0	51.314704 89501953	16.996377 94494629	955.0	216.966	2365	2332	2320	2022-08- 19T16:48: 25	2022-08- 19T17:47: 56	37.1	20220819-20
7533	reeling_ex change	430.78497 31445312 5	21.277307 51037597 7	14.477254 86755371 1	0.0	0.0	4.6987061 50054932	700.79095 45898438	815.51324 46289062	452.91073 60839844	0.0			615.67590 33203125			0.0	48.467128 75366211	16.065999 98474121	962.1	221.152	2423	2386	2373	2022-08- 19T15:47: 23	2022-08- 19T16:48: 25	37.1	20220819-19
7532	nw_sup_c hange																			958.1	219.952	0	2330	2317	2022-08- 19T16:47: 56	2022-08- 19T16:47: 56	37.1	
7531	nw_inf_ch ange																			957.7	219.675	0	2324	2308	2022-08- 19T16:47: 51	2022-08- 19T16:47: 51	37.6	
7530	reeling_ex change	403.01361 08398437 5	19.883977 89001465	13.548593 52111816 4	0.0	0.0			765.99780 2734375		0.0	57.709877 01416015 6					0.0		15.104847 90802002	952.9	216.516	2366	2330	2317	2022-08- 19T14:47: 52	2022-08- 19T15:47: 23	37.6	20220819-18
7529	change		8	6		0.0	32635498	32421875	718.45233 15429688	71582031	0.0	54.135452 27050781					0.0	42.814224 24316406	14.178982 73468017 6	952.6	216.183	2365	2334	2320	2022-08- 19T13:48: 21	2022-08- 19T14:47: 52	37.6	20220819-17
7528	reeling_ex change	349.35479 73632812 5	17.189554 21447754	11.753916 74041748	0.0	0.0	3.8205533 02764892 6	575.83911 1328125	670.10144 04296875	372.20077 51464844	0.0	50.474468 23120117	16.805818 55773925 8	507.33221 43554687 5	665.44091 796875	297.55798 33984375	0.0		13.235715 86608886 7	982.8	230.392	2475	2431	2413	2022-08- 19T12:46: 02	19T13:48:	37.7	20220819-16
7527	nw_sup_c hange																			978.0	226.184	0	2324	2314	2022-08- 19T13:47: 42	2022-08- 19T13:47: 42	37.7	
7526	nw_sup_c hange																			978.0	226.184	0	2324	2314	2022-08- 19T13:47: 42	2022-08- 19T13:47: 42	37.7	
7525	reeling_ex change	322.42358 3984375	15.848941 80297851 6	10.848391 53289795	0.0	0.0	3.5275564 19372558 6	533.28009 03320312	620.58441 16210938	344.68057 25097656	0.0	46.752426 14746094	15.573934 55505371 1	470.19400 02441406	616.46276 85546875	275.82165 52734375	0.0	37.047042 84667969	12.273886 68060302 7	958.1	216.09	2366	2324	2308	2022-08- 19T11:46: 30	2022-08- 19T12:46: 02	37.2	20220819-15

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7524	reeling_ex change	296.17898 55957031	14.565463 06610107 4	9.9626836 7767334	0.0	0.0	3.2404646 87347412	491.70700 07324219	572.22906 49414062	317.81936 64550781	0.0	43.117530 82275390 6	14.370080 94787597 7	434.16860 96191406	568.97747 80273438	254.66955 56640625	0.0	34.200153 35083008	11.345497 13134765 6	957.3	217.267	2365	2326	2312	2022-08- 19T10:47	2022-08- 19T11:46: 30	37.7	20220819-14
7523	reeling_ex change	270.49832 15332031	13.310889 24407959	9.0908994 67468262	0.0	0.0	2.9578223 22845459	450.73791 50390625	524.56085 20507812	291.32168 57910156	0.0	39.493267 05932617	13.197920 79925537 1	398.11437 98828125	521.38995 36132812	233.49914 55078125	0.0		10.398077 96478271 5	950.2	213.885	2325	2283	2266	2022-08- 19T09:48: 27	2022-08- 19T10:47	37.1	20220819-13
7522	nw_sup_c hange																			946.2	213.107	0	2324	2314	2022-08- 19T10:46: 32	2022-08- 19T10:46: 32	37.1	
7521	nw_inf_ch ange																			945.4	212.478	0	2320	2314		2022-08- 19T10:46: 25	37.1	
7520	reeling_ex change					0.0	2.7085251 80816650 4	410.67211 9140625	477.95620 72753906	265.40087 890625	0.0	35.955821 9909668	-			•		28.580690 38391113 3	9.4874095 91674805	963.8	214.889	2365	2324	2314	2022-08- 19T08:49: 03	2022-08- 19T09:48: 27	37.7	20220819-12
7519	reeling_ex change	30131400	10.963193 89343261 7	7.4714570 04547119	0.0	0.0	2.4298496 24633789	369.42095 94726562 5	429.93609 61914062 5	238.71516 41845703	0.0	32.357040 40527344	10.815838 81378173 8	327.13082 88574219	426.98266 6015625	191.90371 70410156 2	0.0	25.727434 15832519 5	8.5504493 7133789	273.8	10.7082	136	133	133		2022-08- 19T08:49: 03	37.4	20220819-11
7518	reeling_ex change	221.86437 98828125	10.936462 40234375	7.4507250 78582764	0.0	0.0	2.4298496 24633789	366.98144 53125	427.09176 63574219	237.13290 40527343 8	0.0	32.170593 26171875						30/333/1			213.638	2365	2328	2319	2022-08- 19T07:45: 59	2022-08- 19T08:45: 31	37.4	20220819-10
7517	reeling_ex change	196.29206 84814453	9.6758499 14550781	6.5857028 96118164	0.0	0.0	2.1399447 91793823 2	326.02899 16992187 5	379.42068 48144531	210.67181 39648437 5	0.0	28.562397 00317382 8	9.5449466 70532227	288.76437 37792969	375.98791 50390625	169.41653 44238281 2	0.0	22.729482 65075683 6	7.5322046 27990723	965.3	218.946	2390	2342	2339		2022-08- 19T07:45: 59	37.3	20220819-09
7516	nw_sup_c hange																			961.2	218.535	0	2320	2314		2022-08- 19T07:45: 30	37.3	
7515	nw_inf_ch ange																			960.3	218.163	0	2276	2266		2022-08- 19T07:45: 24	37.2	
7514		2				0.0	3	00033130	49009373			8	37390137	02734375		4		00906203	6.5705747 60437012		220.688	2365	2320	2314	2022-08- 19T05:46: 18	2022-08- 19T06:45: 50	37.6	20220819-08
7513	change	146.07658 38623047	30233043	33393703		0.0				156.79840 08789062 5		21.203189 84985351 6	5			9		6	5.6372823 71520996		217.884	2365	2326	2319		2022-08- 19T05:46: 18	37.2	20220819-07
7512	reeling_ex change	121.57386 77978515 6	5.9998984 33685303	4.0749812 12615967	0.0	0.0	1.3274534 94071960 4	200.88711 54785156 2	233.74507 14111328	129.80561 82861328	0.0	17.588037 49084472 7	5.8882722 85461426	178.12428 28369140 6	228.84161 37695312 5	104.50180 05371093 8	0.0	14.022719 38323974 6	4.6509556 77032471	977.1	221.766	2408	2365	2353	19T03:46: 09	2022-08- 19T04:46: 47	37.4	20220819-06
7511	nw_sup_c hange																			973.1	220.286	0	2276	2266		2022-08- 19T04:46: 17	37.2	
7510	nw_inf_ch ange																			972.2	219.745	0	2346	2340	19T04:46: 11	2022-08- 19T04:46: 11	37.2	
7509	reeling_ex change					0.0	89520263 7	10302734 4	6	55712890 6		13.852603 91235351 6						18493652 3	3.6874470 71075439 5		216.617	2315	2276	2266		2022-08- 19T03:46: 09	37.8	20220819-05
7508	reeling_ex change					0.0				75.893760 68115234		10.301230 43060302 7						74030137	2.7431941 03240967	957.7	213.393	2315	2277	2270		2022-08- 19T02:47: 52	37.8	20220819-04
7507		47.670532 2265625				0.0	4	00830078	90079088				2/01416	2200020	/ 143554/	67480469		77740478	1.7948884 96398925 8	248.7	8.38653	108	106	106		2022-08- 19T01:49: 44	37.7	20220819-03
7506	reeling_ex change	45.835060 11962890 6	2.2720496 6545105	1.5278577 80456543	0.0	0.0	0.5071949 36275482 2	74.887252 80761719	87.128410 33935547	48.367622 37548828	0.0	6.5584783 55407715	2.2164015 76995849 6	66.873107 91015625	85.485595 703125	39.212673 18725586	0.0	5.2600817 68035889	1.7390422 82104492 2	930.6	204.768	2193	2157	2151		2022-08- 19T01:46: 57	37.7	20220819-02
7505	nw_inf_ch ange																			925.5	200.822	0	2332	2311	19T01:46: 21	2022-08- 19T01:46: 21	37.6	
7504	nw_sup_c hange																			925.1	200.728	0	2332	2311	19T01:46: 20		37.2	
7503	reeling_ex change					0.0				23.470081 32934570 3		3.1861255 16891479 5							0.8438022 13668823 2		219.628	2385	2346	2340	18T23:51: 41		37.4	20220819-01
7502	change	508.78976 44042969	05273438	19519043		0.0	2/9/8516	4609375	79492188			79.964355 46875						32246094	20.558431 62536621	966.5	218.652	2385	2353	2349	18T22:51: 40		37.5	20220818-28
7501	reeling_ex change	483.08135 98632812 5	70.497001 64794922	17.049581 52770996	0.0	0.0	5.7258238 79241943	1104.3574 21875	835.62670 8984375	508.76995 84960937 5	0.0	76.259979 24804688	25.345680 23681640 6	950.91125 48828125	797.89019 77539062	399.59106 4453125	0.0	00634765	19.593612 67089843 8	982.6	226.542	2439	2405	2383		2022-08- 18T22:51: 40	37.3	20220818-27

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	C 3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7500	nw_sup_c hange																			974.0	228.764	0	2332	2311	2022-08- 18T22:51: 09	2022-08- 18T22:51: 09	37.6	
7499	nw_inf_ch ange																			973.1	228.287	0	2152	2136	2022-08- 18T22:51: 02	2022-08- 18T22:51: 02	37.5	
7498	reeling_ex change	456.63665 77148437 5	69.180061 34033203	16.175474 16687011 7	0.0	0.0	5.4362959 86175537					72.486709 59472656	24.110252 38037109 4	913.08746 33789062	749.69830 32226562	377.40707 39746094	0.0	56.102954 86450195	18.624958 03833007 8	966.9	216.633	2365	2332	2311	2022-08- 18T20:50: 44	2022-08- 18T21:50: 16	37.0	20220818-26
7497	reeling_ex change	430.01089 47753906	67.859642 0288086	15.294780 73120117 2	0.0	0.0	5.1474671 36383057	1019.9677 12402343 8	737.46850 5859375	454.20938 11035156	0.0	68.842674 2553711	22.903127 67028808 6	876.07769 77539062	702.51422 11914062	355.71234 13085937 5	0.0		17.658363 34228515 6	966.9	222.315	2365	2336	2324	2022-08- 18T19:51: 14	2022-08- 18T20:50: 44	37.0	20220818-25
7496	reeling_ex change	403.58673 09570312 5	66.545783 99658203	14.399370 19348144 5	0.0	0.0	4.8666839 59960937 5	978.57556 15234375	689.29541 015625	427.44796 75292969 0	0.0	65.181762 6953125	21.693237 3046875	838.81604 00390625	654.93560 79101562	333.84069 82421875	0.0	50.242233 27636719		959.2	223.192	2376	2340	2322	2022-08- 18T18:51: 23	2022-08- 18T19:51: 14	37.2	20220818-24
7495	nw_sup_c hange																			952.9	221.461	0	2152	2136	2022-08- 18T19:50: 44	2022-08- 18T19:50: 44	37.7	
7494	nw_inf_ch ange																			951.9	221.01	0	124	126	2022-08- 18T19:50: 39	2022-08- 18T19:50: 39	37.1	
7493		377.43069 45800781		13.532053 94744873	0.0	0.0	25482178	8515625	30040023				07475566	13023	93307612	03490094		47.376880 64575195	15.705175 39978027 3	917.6	205.729	2186	2152	2136	2022-08- 18T17:56: 22	2022-08- 18T18:51: 23	37.6	20220818-23
7492	reeling_ex change	352.78936 76757812 5	64.025032 04345703	12.715313 91143798 8	0.0	0.0	4.3084368 70574951	897.96295 16601562	595.45031 73828125	375.33441 16210937 0 5	0.0	58.114917 75512695	19.339645 38574218 8	767.32702 63671875	563.59130 859375	291.92922 97363281	0.0		14.817414 28375244 1	915.0	199.567	2186	2155	2139	2022-08- 18T17:01: 29	2022-08- 18T17:56: 22	37.5	20220818-22
7491	reeling_ex change	327.53543 09082031	62.770088 19580078	11.880860 32867431 6	0.0	0.0	4.0339794 15893555	859.22363 28125	550.35876 46484375	350.30422 97363281 0	0.0	54.694614 41040039	18.207111 35864257 8	732.94653 3203125	519.55346 6796875	271.73532 10449219	0.0	33032226	13.925682 06787109 4	405.5	38.7534	433	429	428	2022-08- 18T15:36: 22	2022-08- 18T17:01: 29	37.5	20220818-21
7490	reeling_ex change	312.75418 09082031	61.847438 81225586	11.386695 86181640 6	0.0	0.0			529.18389 89257812		0.0	53.114307 40356445	17.667263 03100586	716.94232 17773438	499.47262 57324219	262.49017 33398437 5	0.0	40.728595 73364258	13.522118 56842041	935.8	197.611	2294	2251	2294	2022-08- 18T14:38: 43	2022-08- 18T15:36: 22	37.1	20220818-20
7489	nw_sup_c hange																			931.7	196.43	0	124	126	2022-08- 18T15:36: 20	2022-08- 18T15:36: 20	37.5	
7488	nw_inf_ch ange																			930.8	195.997	0	2321	2366	2022-08- 18T15:36: 12	2022-08- 18T15:36: 12	37.0	
7487	reeling_ex change	292.35314 94140625	57.807750 7019043	10.568146 70562744 1	0.0	0.0	3.6151947 97515869	786.25701 90429688	495.03210 44921875	316.62469 48242187 0 5	0.0	49.657001 49536133	16.528577 80456543	670.47558 59375	467.32617 1875	245.50103 75976562 5	0.0	38.139091 49169922	12.655754 08935546 9	217.9	9.3312	126	124	126	2022-08- 18T14:35: 24	2022-08- 18T14:38: 43	37.8	20220818-19
7486	reeling_ex change	290.97640 99121094	57.538513 18359375	10.516937 25585937 5	0.0	0.0	8	80023438	380/18/5			49.469062 80517578	16.447256 08825683 6	667.52038 57421875	465.27185 05859375	244.42561 34033203	0.0	37.939575 1953125	12.597965 24047851 6	949.3	206.031	2376	2330	2375	2022-08- 18T13:35: 35	2022-08- 18T14:35: 24	37.1	20220818-18
7485	reeling_ex change	269.37136 84082031	53.222362 51831055	9.6506452 5604248	0.0	0.0	3.3332886 69586181 6	726.48400 87890625	457.42324 82910156	292.55252 07519531	0.0	45.839035 03417969	15.256726 26495361 3	619.07360 83984375	431.70050 04882812 5	226.70794 67773437 5	0.0	35.207199 09667969	11.700749 39727783 2	950.7	202.854	2376	2336	2378	2022-08- 18T12:35: 49	2022-08- 18T13:35: 35	37.1	20220818-17
7484	reeling_ex change	248.41241 45507812 5	49.057426 45263672	8.8699073 7915039	0.0	0.0	3.0738580 22689819 3	669.84039 30664062	421.76608 27636719	269.74493 40820312 0 5	0.0			571.17608 64257812			0.0	32.482872 00927734 4	10.799580 57403564 5	948.0	204.243	2395	2351	2394	2022-08- 18T11:35: 31	2022-08- 18T12:35: 49	37.0	20220818-16
7483	nw_sup_c hange																			944.0	203.606	0	2321	2366	2022-08- 18T12:35: 19	2022-08- 18T12:35: 19	37.7	
7482	nw_inf_ch ange																			942.7	202.545	0	2328	2366	2022-08- 18T12:35: 09	2022-08- 18T12:35: 09	37.7	
7481			7	8.1437091 82739258		0.0	0		0	246.58314 51416015 0 6		38.605407 71484375						6	9.8614816 66564941		203.367	2366	2321	2366	2022-08- 18T10:35: 58	2022-08- 18T11:35: 31	37.4	20220818-15
7480				7.4514231 68182373		0.0	06164551	76953125	43002344			35.064586 6394043						26.999433 51745605 5			200.997	2366	2326	2366	2022-08- 18T09:36: 26	2022-08- 18T10:35: 58	37.2	20220818-14
7479	reeling_ex change	185.68289 18457031 2	36.594150 54321289	6.6693530 08270264	0.0	0.0	2.2893123 62670898 4	500.06719 97070312 5	314.92324 82910156	201.36294 55566406 0 2	0.0	31.510419 84558105 5	10.497570 03784179 7	426.53524 78027344	297.59759 52148437 5	156.24357 60498047	0.0	24.280412 67395019 5	8.0658864 97497559	967.1	205.324	2410	2370	2409	2022-08- 18T08:35: 45	2022-08- 18T09:36: 26	37.5	20220818-13
7478	nw_sup_c hange																			961.7	203.808	0	72	74	2022-08- 18T09:35: 51	2022-08- 18T09:35: 51	37.2	
7477	nw_inf_ch ange																			961.2	203.722	0	72	74	2022-08- 18T09:35: 50	2022-08- 18T09:35: 50	37.3	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7476	reeling_ex change	164.71659 85107422	32.442924 49951172	5.8193478 58428955	0.0	0.0	2.0219390 39230346 7	442.61450 1953125	278.75955 20019531	178.21908 56933593 8	0.0	27.905944 82421875	9.3009958 26721191	377.47039 79492187 5	263.34167 48046875	138.29898 07128906 2	0.0	21.488222 12219238 3	7.1328001 02233887	961.2	201.659	2366	2328	2366	2022-08- 18T07:36: 12	2022-08- 18T08:35: 45	37.5	20220818-12
7475	reeling_ex change	144.49339 29443359 4	28.433593 75	5.0276689 52941894 5	0.0	0.0	1.7807527 78053283 7	386.47952 27050781	243.40660 09521484 4	155.60589 59960937 5	0.0	24.366701 12609863 3							6.2289390 56396484	963.8	203.612	2366	2335	2374	2022-08- 18T06:36: 41	2022-08- 18T07:36: 12	37.7	20220818-11
7474	reeling_ex change	61230468	24.311811 44714355 5	4.3184332 84759521 5	0.0	0.0	1.5213643 31245422 4	330.14059 44824219	207.91949 46289062 5	132.90876 77001953	0.0	20.822095 87097168	6.9415802 95562744	281.78594 97070312 5	196.60221 86279297	103.23498 53515625	0.0	16.099517 82226562 5	5.3252553 93981934	911.4	185.7	2169	2128	2168	2022-08- 18T05:42: 12	2022-08- 18T06:36: 41	37.6	20220818-10
7473	nw_sup_c hange																			907.4	184.697	0	72	74	2022-08- 18T06:36: 12	2022-08- 18T06:36: 12	37.5	
7472	nw_inf_ch ange																			906.6	182.051	0	127	129	2022-08- 18T06:36: 06	2022-08- 18T06:36: 06	37.7	
7471	onango	4	1.000200	3.6774010 65826416		0.0	1.2886031 86607360 8	277.93026 73339844	175.04382 32421875	111.90170 28808593 8	0.0	17.522548 67553711						13.564833 64105224 6	4.5138034 82055664	170.4	4.72904	74	72	74	2022-08- 18T05:40: 13	2022-08- 18T05:42: 12	37.2	20220818-09
7470				3.6774010 65826416		0.0				111.27278 13720703 1		17.460380 55419922	5.7997708 32061768	236.52865 60058593 8	165.06846 61865234 4	86.642997 74169922	0.0		4.4837846 75598144 5	902.6	181.089	2115	2074	2114	2022-08- 18T04:46: 56	2022-08- 18T05:40: 13	37.8	20220818-08
7469	reeling_ex change	86.823661 80419922	16.970743 17932129	2.9777581 69174194 3	0.0	0.0	1.0728828 90701294	225.81561 27929687 5	142.23051 45263672	90.926689 14794922	0.0	14.224812 50762939 5	4.7495718 00231934	193.08557 12890625	134.79869 07958984 4	70.737876 89208984	0.0	11.022033 69140625	3.6732118 12973022 5	898.6	179.01	2117	2081	2120	2022-08- 18T03:53: 49	2022-08- 18T04:46: 56	37.1	20220818-07
7468	reeling_ex change	68.195541 38183594	13.264019 96612548 8	2.3385767 93670654 3	0.0	0.0	8	55078125	0234375			11.045089 72167968 8						8.5499067 30651855	2.8590619 56405639 6	209.6	7.55605	108	106	108	2022-08- 18T03:51: 07	2022-08- 18T03:53: 49	37.7	20220818-06
7467	reeling_ex change	67.027053 83300781	13.034435 27221679 7	2.2966859 34066772 5	0.0	0.0				69.812141 41845703		10.920455 93261718 8	3.6441106 79626465	148.46704 1015625	103.68410 49194336	54.370906 82983398 4	0.0		2.7985084 05685425	108.2	47.4086	582	565	575	2022-08- 18T02:44: 17	2022-08- 18T03:51: 07	37.3	20220818-05
7466	reeling_ex change	55.442394 2565918	10.768851 28021240 2	1.9031485 31913757 3	0.0	0.0	0.6842027 30655670 2	154.19552 61230468 8	97.114463 80615234	62.071430 20629883	0.0	9.7366886 13891602	3.2603676 31912231 4	132.12130 73730468 8	92.113639 83154297	48.388088 22631836	0.0	7.4814639 0914917	2.4953935 14633178 7	929.9	192.255	2265	2219	2261	2022-08- 18T01:47: 23	2022-08- 18T02:44: 17	37.4	20220818-04
7465	nw_sup_c hange																			961.6	192.684	0	127	129	2022-08- 18T02:44: 25	2022-08- 18T02:44: 25	37.0	
7464	nw_inf_ch ange																			942.2	192.267	0	2329	2371	2022-08- 18T02:44: 19	2022-08- 18T02:44: 19	37.7	
7463	cnange	97387695	3157959			0.0				40.560428 61938476 6		6.3766145 70617676	2.1343784 33227539	86.832229 61425781	60.468044 28100586	31.787067 41333007 8	0.0	4.9391908 64562988	1.6444356 44149780 3	224.9	9.43268	130	127	129	2022-08- 18T01:43: 59	2022-08- 18T01:47: 23	37.4	20220818-03
7462				1.2004486 32240295 4		0.0	0.4354407 48929977 4	97.479904 17480469	61.393825 53100586	39.248401 6418457	0.0			83.790863 03710938					1.5836017 13180542	949.8	200.578	2366	2321	2360	2022-08- 18T00:44: 26	2022-08- 18T01:43: 59	37.5	20220818-02
7461	reeling_ex change	14.990893 36395263 7	2.9006156 92138672	0.5190951 82418823 2	0.0	0.0	7	30939901	43334901			2.6320044 99435425	0.8881757 25936889 6	36.078739 16625976 6	25.212379 45556640 6	13.213767 05169677 7	0.0	2.0697233 6769104	0.7010185 12248992 9	950.7	200.541	2366	2330	2363	2022-08- 17T23:44: 53	2022-08- 18T00:44: 26	37.1	20220818-01
7460	reeling_ex change	492.63430 78613281	95.990051 26953125	17.506685 25695800 8	0.0	0.0	6.1390748 02398682	1327.3270 26367187 5	835.77770 99609375	534.65795 8984375	0.0	84.337158 203125	27.885644 91271972 7	1132.2551 26953125	787.26702 88085938	414.65542 60253906	0.0		21.342000 96130371	968.7	210.54	2452	2410	2454	2022-08- 17T22:43: 11	2022-08- 17T23:44: 53	37.7	20220817-28
7459	nw_sup_c hange																			966.1	207.908	0	2329	2371	2022-08- 17T23:44: 33	2022-08- 17T23:44: 33	37.3	
7458	nw_inf_ch ange																			964.8	207.092	0	2333	2365	23	17T23:44: 23	37.2	
7457	onange	30033130	00300054	O		0.0	5.8701238 63220215	1269.1922 60742187 5	799.17956 54296875	511.28042 60253906	0.0	65429688	45739746	1083.1154 78515625	7578125	88183594	0.0	52685547	20.421190 26184082	933.0	202.707	2366	2329	2371	2022-08- 17T21:43: 37	2022-08- 17T22:43: 11	37.5	20220817-27
7456				16.096761 70349121		0.0	5.6283016 20483398	1213.2609 86328125	763.98150 63476562	488.77084 35058594	0.0	77.061759 94873047						58.911464 69116211	19.524566 65039062 5	951.9	201.082	2366	2332	2377		2022-08- 17T21:43: 37	37.6	20220817-26
7455	reeling_ex change	430.85873 41308594	83.999908 44726562	15.397817 61169433 6	0.0	0.0	5.3653926 84936523	1157.9787 59765625	729.19262 6953125	466.53924 56054687 5	0.0	73.606117	24.342277		687.21472	361.75839			18.623361 58752441 4	958.6	207.254	2422	2389	2422	2022-08- 17T19:43: 07	2022-08- 17T20:44: 04	37.2	20220817-25
7454	nw_sup_c hange																			954.2	203.747	0	2333	2365		2022-08- 17T20:43: 31	37.5	
7453	nw_inf_ch ange																			952.9	203.403	0	2333	2370	2022-08- 17T20:43: 23	2022-08- 17T20:43: 23	37.8	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7452	reeling_ex change	409.52593 99414062 5	79.839271 54541016	14.676017 76123046 9	0.0	0.0	5.0994434 35668945	1100.8937 98828125	693.26184 08203125	443.56579 58984375	0.0	69.960197 44873047	23.148641 58630371	939.00146 484375	653.40783 69140625	343.94418 33496094	0.0	53.395446 77734375	17.717409 13391113 3	948.4	200.08	2366	2333	2365	2022-08- 17T18:43: 34	2022-08- 17T19:43: 07	37.6	20220817-24
7451	reeling_ex change	388.33547 97363281	75.703552 24609375	13.893703 46069336	0.0	0.0			658.45343 01757812		0.0	66.428886 41357422	21.991453 17077636 7	891.50903 3203125	620.42724 609375	326.57058 71582031	0.0	50.715560 91308594	16.839984 89379882 8	950.7	201.249	2366	2345	2374	2022-08- 17T17:43: 51	2022-08- 17T18:43: 34	37.1	20220817-23
7450	reeling_ex change	366.99581 90917969	71.538070 67871094	13.169149 39880371 1	0.0	0.0	4.5780296 32568359	990.82489 01367188	624.04144 28710938	399.26458 74023437 5	0.0	62.952785 49194336	20.847640 99121093 8	845.26824 95117188	588.32452 39257812	309.63397 21679687 5	0.0	48.030467 98706055	15.960029 60205078 1	963.8	204.524	2425	2396	2432	2022-08- 17T16:42: 35	2022-08- 17T17:43: 51	37.3	20220817-22
7449	nw_sup_c hange																			959.9	202.907	0	2330	2369	2022-08- 17T17:43: 22	2022-08- 17T17:43: 22	37.6	
7448	nw_inf_ch ange																			959.9	202.948	0	2330	2369	2022-08- 17T17:43: 20	2022-08- 17T17:43: 20	37.0	
7447	reeling_ex change	345.37051 39160156	67.328788 75732422	12.432378 76892089 8	0.0	0.0	72589111	7421875	48046875		0.0	59.415821 07543945	19.675245 28503418	797.89959 71679688	555.46813 96484375	292.31054 6875	0.0		15.041522 97973632 8	948.4	199.539	2366	2333	2370	2022-08- 17T15:42: 51	2022-08- 17T16:42: 35	37.1	20220817-21
7446	onango	02000011	5	11.700630 18798828 1		0.0	5	2011/188	22851562		0.0	73779297	80505371	08789062	523.22235 10742188	36230469	0.0	42.733570 09887695	2		198.707	2366	2338	2377	2022-08- 17T14:43: 08	2022-08- 17T15:42: 51	37.6	20220817-20
7445	reeling_ex change	302.95843 50585937 5	59.096069 3359375	10.992968 55926513 7	0.0	0.0	3.7823500 63323974 6	826.93603 515625	520.89410 40039062	333.21200 56152344	0.0	52.462608 33740234 4	17.398567 19970703	705.03936 76757812	490.94177 24609375	258.30645 75195312 5	0.0	40.032157 89794922	13.296171 18835449 2	949.7	206.22	2451	2419	2455	2022-08- 17T13:41: 12	2022-08- 17T14:43: 08	37.2	20220817-19
7444	nw_sup_c hange																			941.8	203.797	0	2331	2369	2022-08- 17T14:42: 30	2022-08- 17T14:42: 30	37.7	
7443	nw_sup_c hange																			941.8	203.797	0	2331	2369	30	17T14:42: 30	37.7	
7442	cnange	281.13879 39453125	64868164	2		0.0	6	24414062	515625		0.0	4	4	07617188		2		59912109 4	12.380599 02191162 1		197.999	2366	2330	2369	28	17T13:41: 12	37.4	20220817-18
7441	change	06203123	99194330	9.5647563 93432617		0.0	16079712	17773438	70005469							223.70629 8828125		0040025	11.500616 07360839 8	957.7	199.539	2366	2335	2373	45	17T12:41: 28	37.6	20220817-17
7440	reeling_ex change	240.25268 5546875	46.928680 41992187 5	8.8579273 22387695	0.0	0.0	3.0036153 79333496	660.61340 33203125	416.19555 6640625	266.17776 48925781	0.0	41.838321 68579101 6	13.924918 17474365 2	564.18914 79492188	393.07662 96386719	206.68458 55712890 6	0.0		10.626842 49877929 7	962.1	198.965	2406	2369	2409	58	17T11:41: 45	37.1	20220817-16
7439	nw_sup_c hange																			958.1	198.513	0	2331	2369	15	17T11:41: 15	37.6	
7438	nw_inf_ch ange																			957.3	197.883	0	2334	2369	08	17T11:41: 08	37.5	
7437	reeling_ex change			8.1576366 42456055	0.0	0.0	4	43703123	41300394	244.06150 81787109 4		6	4	43004088	/1093/5	189.55015 56396484 4		29.362709 04541015 6	9.7602128 98254395	956.1	197.706	2366	2331	2369	14	17T10:40: 58	37.6	20220817-15
7436	-	81005859 4	93945312 5	7.4707441 32995605 5		0.0	5/293/01	34900938	28222000							172.24575 80566406 2		6048584	8.8677787 78076172	955.9	199.164	2366	2335	2373	31	17T09:41: 14	37.0	20220817-14
7435	reeling_ex change	02246093 8	35.090835 57128906	6.7867093 08624268	0.0	0.0	2.2433705 32989502	72851562 5	55664062 5	199.50259 39941406 2	0.0	31.305900 57373047	10.457714 08081054 7	422.47357 17773437 5	294.61380 00488281	154.75891 11328125	0.0	24.024450 30212402 3	7.9456324 57733154	941.8	192.838	2311	2278	2314	09	17T08:41: 31	37.7	20220817-13
7434	nw_sup_c hange																			937.4	191.314	0	2334	2369	01	17T08:41: 01	37.4	
7433	nw_inf_ch ange		24 220425				4.0004077							275 24552				24 250425	7.0550470	936.5	190.892	0	2271	2304	53	17T08:40: 53	37.2	
7432	reeling_ex change			6.1062707 90100098		0.0	9	0/519531	05566406			27.863763 8092041						62622070 3	7.0552473 06823730 5		199.928	2366	2334	2369	32	17T07:43: 09	37.1	20220817-12
7431				5.4256658 55407715		0.0			242.74592 59033203 240.90098	155.24009 70458984 4	0.0					119.93997 19238281 2		2	6.1347250 93841553		6.57958	97	95	97	56	17T06:43: 32	37.6	20220817-11
7430		•		5.3745026 58843994		0.0	24639892 6	02148437 5	57177734 4	47802734 (4						119.18175 50659179 7		20203072	6.1040248 87084961		199.387	2367	2341	2378	13	17T06:40: 56	37.8	20220817-10
7429	reeling_ex change	117.95943 45092773 4	23.187601 08947754	4.6986727 71453857	0.0	0.0	1.4/69619 70329284 7	326.31262 20703125	205.76858 52050781 2	131.58807 37304687 5	0.0	20.677560 80627441 4	6.8703250 88500977	277.65487 67089844	194.12878 41796875	101.69834 13696289	0.0	15.757357 59735107 4	5.2121481 89544678	924.0	187.958	2203	2174	2206	2022-08- 17T04:45: 34	2022-08- 17T05:41: 13	37.0	20220817-09

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7428	nw_sup_c hange																			914.5	184.908	0	2271	2304	2022-08- 17T05:40: 45	2022-08- 17T05:40: 45	37.3	
7427	nw_inf_ch ange																			913.6	184.289	0	2332	2369	2022-08- 17T05:40: 38	2022-08- 17T05:40: 38	37.5	
7426	reeling_ex change	99.626762 39013672	19.599580 76477050 8	3.9675071 23947143 6	0.0	0.0	1.2516226 76849365 2	273.85070 80078125	172.69772 33886718 8	110.43724 06005859 0 4	0.0	17.307495 1171875	5.7757163 04779053	233.00352 47802734 4	162.94537 35351562 5	85.328720 09277344	0.0	13.230971 33636474 6	4.3512835 50262451	949.9	200.327	2301	2271	2304	2022-08- 17T03:47: 36	2022-08- 17T04:45: 34	37.6	20220817-08
7425	reeling_ex change	79.796295 16601562	15.654966 35437011 7	3.1721968 65081787	0.0	0.0	1.0069156 88514709 5	219.43028 25927734 4	138.37991 33300781 2	88.504280 09033203	0.0	13.884311 67602539	4.6251106 26220703	186.58782 95898437 5	130.10559 08203125	68.325523 37646484	0.0	10.633660 31646728 5	3.4933025 83694458	198.0	7.28453	102	100	102	2022-08- 17T03:44: 54	2022-08- 17T03:47: 36	37.1	20220817-07
7424	reeling_ex change	78.933792 11425781	15.477420 80688476 6	3.1417119 50302124	0.0	0.0	0.9887883 66317749	216.35192 87109375	136.44412 23144531 2	87.253349 30419922 0	0.0	13.697420 12023925 8							3.4626832 00836181 6	942.8	196.484	2301	2274	2306	2022-08- 17T02:46: 57	2022-08- 17T03:44: 54	37.1	20220817-06
7423	reeling_ex change	58.927284 24072265 6		38461303	0.0	0.0	0.7455028 89156341 6	162.06552 12402343 8	102.19984 43603515 6	65.367187 5	0.0	10.263140 67840576 2	3.4178576 46942138 7	137.74328 61328125	95.533905 02929688	50.431045 53222656	0.0	7.8244686 12670898	2.5755066 87164306 6	191.5	6.41206	92	91	93	2022-08- 17T02:44: 37	2022-08- 17T02:46: 57	37.6	20220817-05
7422	reeling_ex change	57.642620 08666992	11.276828 76586914	2.2980105 87692260 7	0.0	0.0				64.259162 90283203 0		10.075366 02020263 7	3201410	00201172	30933347	6	0.0	7.7574329 3762207	2.5449581 14624023 4	210.6	8.33771	114	113	115	2022-08- 17T02:41: 37	2022-08- 17T02:44: 37	37.2	20220817-04
7421	reeling_ex change	57.336486 81640625	11.212754 24957275 4	2.2774264 81246948 2	0.0	0.0	0.7275360 22663116 5	156.61524 96337890 6	98.751495 36132812	63.165031 43310547	0.0	9.9501829 14733887	3.2971558 57086181 6	133.19180 29785156 2	92.393676 7578125	48.780071 25854492	0.0	7.6233615 87524414	2.4838609 69543457	965.5	206.553	2388	2352	2391	2022-08- 17T01:41: 18	2022-08- 17T02:41: 37	37.5	20220817-03
7420	nw_sup_c hange																			957.7	206.231	0	2332	2369	2022-08- 17T02:41: 09	2022-08- 17T02:41: 09	37.7	
7419	nw_inf_ch ange																			956.4	205.792	0	2291	2330	2022-08- 17T02:41	2022-08- 17T02:41	37.5	
7418	reeling_ex change	35.442546 84448242	6.9284853 9352417	1.4081791 63932800 3	0.0	0.0	6	9/00/422	33760133			6.2513666 1529541					0.0	4.8096008 30078125	1.5676987 17117309 6	958.1	206.707	2366	2332	2369	2022-08- 17T00:41: 31	2022-08- 17T01:41: 18	37.6	20220817-02
7417	reeling_ex change	89184570	2.7118139 26696777 3	93608856	0.0	0.0	96	33070172	13341191	16.763298 03466797 0		2.6235570 90759277 3					0.0		0.6481318 47381591 8	958.6	207.081	2367	2339	2378	2022-08- 16T23:41: 50	2022-08- 17T00:41: 31	37.8	20220817-01
7416		559.10278 3203125			0.0	0.0	6.3094682 69348144 5	1093.5612 79296875	1049.4779 05273437 5	556.54272 4609375 0	0.0	84.502838 13476562	27.904342 65136718 8	950.68719 48242188	1021.6182 25097656 2	440.23345 94726562 5	0.0	65.688491 82128906	21.842622 75695800 8	946.8	201.207	2310	2284	2323	2022-08- 16T22:43: 27	2022-08- 16T23:41: 50	37.5	20220816-26
7415	nw_sup_c hange																			940.0	199.403	0	2291	2330	2022-08- 16T23:41: 27	2022-08- 16T23:41: 27	37.0	
7414	nw_inf_ch ange																			938.8	199.923	0	2188	2217	2022-08- 16T23:41: 18	2022-08- 16T23:41: 18	37.2	
7413	reeling_ex change	538.33795 16601562	44.920787 8112793	19.078598 02246093 8	0.0	0.0	6.0611548 42376709	1037.0999 75585937 5	1013.8737 18261718 8	533.77618 40820312 0	0.0	80.865051 26953125	26.712182 99865722 7	902.25482 17773438	987.93743 89648438	422.50003 05175781	0.0	62.877773 28491211	20.912933 34960937 5	945.4	201.926	2317	2291	2330	2022-08- 16T21:44: 56	2022-08- 16T22:43: 27	37.6	20220816-25
7412	reeling_ex change	516.85180 6640625	40.741878 50952148 4	18.228855 13305664	0.0	0.0	5.7918462 7532959	980.02105 71289062	977.86962 890625	510.75845 33691406			21142578	30007100	1875	70000100	0.0	60.136363 9831543	19.980495 45288086	945.8	202.984	2316	2290	2331	2022-08- 16T20:46: 37	2022-08- 16T21:44: 56	37.5	20220816-24
7411	reeling_ex change	495.76818 84765625	36.637523 65112305	17.399297 7142334	0.0	0.0	5.5333285 33172607	923.17187 5	942.03112 79296875	487.84399 4140625 0	0.0	73.632171 63085938	24.312244 41528320 3	805.81829 83398438	920.73925 78125	387.18591 30859375	0.0		19.104501 72424316 4	238.6	11.4554	150	149	152	2022-08- 16T20:42: 42	2022-08- 16T20:46: 37	37.2	20220816-23
7410	reeling_ex change	495.01724 24316406	36.484588 62304687 5	17.368234 63439941 4	0.0	0.0	5.5241622 92480469	919.34204 1015625	939.61370 84960938	486.29959 10644531	0.0	73.380279 54101562	24.221286 77368164	802.79498 29101562	918.63476 5625	386.08111 57226562 5	0.0	57.193740 84472656	19.041776 65710449 2	921.6	193.397	2224	2197	2226	2022-08- 16T19:46: 33	2022-08- 16T20:42: 42	37.5	20220816-22
7409	nw_sup_c hange																			917.6	191.726	0	2191	2178		2022-08- 16T20:42: 12	37.3	
7408	nw_inf_ch ange																			917.6	191.639	0	2191	2178	2022-08- 16T20:42: 11	16T20:42:	37.0	
7407		474.06765 74707031			0.0	0.0	5.2665286 06414795	865.25836 18164062	905.51129 15039062	464.49566 65039062 0 5		69.915412 90283203						54.592510 22338867	18.160192 48962402 3	926.3	191.33	2216	2188	2217	2022-08- 16T18:50: 35	2022-08- 16T19:46: 33	37.6	20220816-21
7406	reeling_ex change	454.21633 91113281	28.562227 24914550 8	15.747900 00915527 3	0.0	0.0	5.0142040 25268555	811.33673 09570312	871.51922 60742188	442.73168 9453125	1.0	66.514251 70898438	21.985748 29101562 5	710.42926 02539062	854.33233 64257812	352.24499 51171875	0.0	51.998054 50439453			192.031	2216	2191	2219	2022-08- 16T17:54: 43	16T18:50:	37.1	20220816-20
7405	reeling ex	433.57794 18945312 5	24.511280	14.944970 13092041	0.0	0.0	4.7619290 35186768	755.59570 3125	836.35784 91210938	420.23455 81054687 0 5		62.924896 24023437 5						49.332996 3684082			43.9327	526	522	528	2022-08- 16T16:34: 59	2022-08- 16T17:54: 43	37.1	20220816-19
7404				14.207744 59838867	0.0	0.0	4.5135903	736.02685		408.60562		61.105121	20.213138	646.28808		325.84127		47.866386 41357422			205.363	2221	2191	2178	2022-08- 16T15:38:	2022-08- 16T16:34:	37.0	20220816-18

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7404	reeling_ex change	5	20.948438 64440918		0.0	0.0	4.5135903 35845947	736.02685 546875	809.24890 13671875	408.60562 13378906	0.0	61.105121 61254883	6	646.28808 59375	795.40557 86132812	325.84127 80761719	0.0	47.866386 41357422	15.953660 96496582	935.2	205.363	2221	2191	2178	12	59	37.0	20220816-18
7403	nw_sup_c hange																			184.9	0.840502	0	2191	2178		2022-08- 16T16:35: 47	37.0	
7402	nw_inf_ch ange																			178.6	0.280167	0	2335	2319	2022-08- 16T16:35: 37	2022-08- 16T16:35: 37	37.1	
7401	reeling_ex change	390.39883 42285156	19.787771 22497558 6	13.401679 03900146 5	0.0	0.0	4.2578740 11993408	693.51751 70898438	762.51824 95117188	385.02163 69628906	0.0	57.587928 77197265 6	19.026227 95104980 5	609.14349 36523438	750.10424 8046875	307.12319 94628906	0.0		15.046088 21868896 5	265.9	10.2728	129	127	126	2022-08- 16T15:34: 47	2022-08- 16T15:38: 12	37.2	20220816-17
7400	reeling ev	388 52737		13.339577		0.0	4.2396111 48834228	691.37152 09960938	760.15106 20117188	383.82733 15429687	0.0	57.399284 36279297	18.994951 24816894	606.79858 3984375	747.26519 77539062	305.95346 06933594	0.0	44.937755 5847168	14 002704	966.5	215.792	2365	2334	2320			36.8	20220816-16
7399	reeling_ex change				0.0	0.0					0.0	53.681255 34057617						42.011989 59350586	14.024375 91552734	974.3	213.619	2366	2338	2326	2022-08-		36.9	20220816-15
7398		337.69366	17.199785 23254394	11.614540 10009765		0.0					0.0	49.964317 32177734 4						39.162078 85742187	13.051134 10949707	967.9	217.727	2385	2354	2338	2022-08-		36.8	20220816-14
7397	nw_sup_c hange	5	5	б			б					4	3					5		961.7	219.167	0	2335	2319	2022-08- 16T13:33:	2022-08- 16T13:33:	36.6	
7396	nw_inf_ch ange																			960.8	218.584	0	2330	2317		16T13:32:	36.8	
7395		310.99612 42675781	15.886601 44805908	10.693668 36547851 6	0.0	0.0	3.3960986 13739013 7	556.90045 16601562	612.26721 19140625	309.12817 3828125	0.0	46.270065 30761719	15.296791 07666015	488.07672 11914062	602.62780 76171875	246.09954 83398437	0.0	36.122867 58422851	12.060435 29510498	971.6	217.348	2366	2335	2319		16T12:32:	36.7	20220816-13
7394				9.8080940 24658203		0.0				284.35955 81054687 5	0.0	42.582931 51855469					0.0		11.104808 80737304	963.8	216.168	2366	2337	2321		16T11:31:	37.2	20220816-12
7393				8.9627065 65856934		0.0				5 259.49530 02929687 5		38.900115 96679687 5	10 000166					30.335456 84814453	7 10.122035 02655029	983.7	222.622	2442	2407	2391		16T10:31:	37.1	20220816-11
7392	nw_sup_c	3007 1210	8	0000001			6	020120	0.1000.0	5		5	3	20.00.20	00010020	7007000		0.01.1.00	3	979.3	219.406	0	2330	2317		16T10:30:	36.6	
7391	nw_inf_ch																			978.8	219.674	0	2330	2324	49 2022-08- 16T10:30:	49 2022-08- 16T10:30:	36.6	
7390	reeling_ex	234.67224	11.963147 16339111	8.0778579 71191406	0.0	0.0	2.5661554	421.46987	463.32617	233.89930 72509765 (0.0	35.086715 69824219	11.589823 72283935	368.62011	457.01434 32617187	185.86221 31347656	0.0	27.267999	9.1092510	972.4	219.052	2365	2330	2317	42 2022-08- 16T08:28:	42 2022-08- 16T09:28:	37.3	20220816-10
7389				7.191406 7.1958975 79193115		0.0	2.2884023	376.85128	414.25369	6 209.13020	0.0	31.387594 22302246						24.332458	8.1226863			2365	2332	2324	17 2022-08-	51		20220816-09
7388				79193115 6.3457989 69268799		0.0	2 0102405		26269531 364.94827	184 23399		22302246 27.686212 53967285						21.405910	86108398 7.1611680			2400	2365	2359	44 2022-08-	17		20220816-08
7387	change nw_sup_c	5	22692871	69268799	0.0	0.0	54809570 3	49609375	27050781	4		53967285	09643555	35449219	5	4	0.0	49194336	98449707	974.9	217.461		2334	2327	14 2022-08-	44		20220010 00
	hange nw_inf_ch																								09 2022-08-	09 2022-08-		
7386	ange	159 40510	7 8675028	5.4847989			1.7394448					23.935504	7 8700246	250 11116	311.38385	126.09677		18.539226	6 1660270		217.368		2334	2327	08 2022-08-			
7385	change	55908203	11584473	08233643	0.0	0.0	2	5	5	03808593 (23.935504 91333007 8 20.190120						2	6.1660270 69091797		215.959	2365	2330	2324		16T06:26: 14 2022-08-	36.6	20220816-07
7384		51708984 4	6.6953125	4.6618719 10095215		0.0	23225402 8 1.2168867			134.39379 8828125	0.0	20.190120 69702148 4	o.6350998 878479	97900390 6	262.77938 84277344 214.73502	84228515 6	0.0	40.744454	5.1963796 61560059		214.447	2365	2335	2325	16T04:25: 05	16T05:25: 40		20220816-06
7383	reeling_ex change	07861328 1	5.5088210 105896	3.8137238 02566528 3	0.0	0.0	58804321	34082031	75976562 5	78247070 (0.0	16.449409 48486328	5.3923206 3293457	28613281	13964843	86.597618 10302734	0.0	53045654	4.2579879 76074219	967.4	219.472	2385	2352	2346	10100.24		36.6	20220816-05
7382	nw_sup_c hange																			962.6	215.09	0	2336	2329	16T04:24: 29		36.5	
7381	nw_inf_ch ange																			962.6	214.998	0	2336	2329	2022-08- 16T04:24: 28	2022-08- 16T04:24: 28	37.0	
7380	reeling_ex change	85.456085 20507812	4.2432518 00537109	2.9322738 64746093	0.0	0.0	0.9347096 08554840	152.03924 56054687	167.06716 91894531	84.325607 29980469	0.0	12.641250 61035156	4.1745471 9543457	132.28695 67871093	165.39212 03613281	66.704704 28466797	0.0		3.2648909 09194946	964.4	216.452	2366	2334	2327	2022-08- 16T02:23:	2022-08- 16T03:24	37.0	20220816-04

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7380	change	85.456085 20507812	00537109	ō	0.0	0.0				84.325607 29980469			4.1745471 9543457		2	28466797	0.0	9.7635011 67297363	3	964.4	216.452	2366	2334	2327	25	16103:24	37.0	20220816-04
7379	reeling_ex change	60.167953 49121094	3.0033900 73776245	2.0662782 19223022 5	0.0	0.0	0.6568128 46660614	107.31443 78662109 4	117.87942 50488281 2	59.512008 66699219	0.0	8.9551830 29174805	2.9510548 11477661	93.526039 12353516	116.92019 65332031 2	47.169593 81103515 6	0.0	6.8900794 98291016	2.3026008 60595703	969.2	220.138	2366	2335	2328		2022-08- 16T02:23: 25	36.7	20220816-03
7378	reeling_ex change	35.214023 59008789	1.7840111 25564575 2	1.2073103 18946838 4	0.0	0.0	0.3866286 57579422	62.427589 41650390 6	68.655036 92626953	34.660945 89233398 4	0.0	5.1965894 69909668	1.7251658 43963623	54.183429 71801758	67.744003 29589844	27.315702 43835449 2	0.0		1.3362873 79264831 5	972.2	221.672	2403	2371	2366	2022-08- 16T00:21: 19	2022-08- 16T01:22: 53	37.1	20220816-02
7377	nw_sup_c hange																			968.7	219.844	0	2336	2329	2022-08- 16T01:22: 26	2022-08- 16T01:22: 26	36.9	
7376	nw_inf_ch ange																			967.8	219.286	0	1346	1338	2022-08- 16T01:22: 18	2022-08- 16T01:22: 18	37.3	
7375	reeling_ex change	8.1073284 14916992	0.4506860 07738113 4	0.2859824 00178909 3	0.0	0.0	0.0821020 15614509 58	16.297124 8626709	17.929756 16455078	9.0493211 74621582	0.0	1.3771711 58790588 4	0.4463004 76789474 5	14.150315 28472900 4	17.672525 40588379	7.1292481 42242432	0.0		0.3363756 23941421 5	963.5	219.428	2365	2336	2329	2022-08- 15T23:20: 45	2022-08- 16T00:21: 19	37.1	20220816-01
7374	reeling_ex change	456.14334 10644531	24.991952 89611816 4	15.533593 17779541	0.0	0.0	4.9886484 14611816	791.65808 10546875	870.09686 27929688	439.39993 28613281	0.0	65.441757 20214844	21.672349 92980957	679.08123 77929688	854.98974 609375	342.42410 27832031	0.0	50.511302 94799805	16.679222 10693359 4	965.3	217.631	2365	2340	2332	2022-08- 15T22:20: 17	2022-08- 15T23:20: 45	36.7	20220815-22
7373	reeling_ex change	429.40042 11425781	23.498752 59399414	14.626975 05950927 7	0.0	0.0	4.6987843 51348877	746.79406 73828125	820.73236 08398438	414.50854 4921875	0.0	61.728691 10107422	20.438587 18872070 3	640.01080 32226562	806.12493 89648438	322.74554 44335937 5	0.0	47.623977 66113281	15.719302 1774292	695.7	75.267	832	828	776	2022-08- 15T15:54: 55	2022-08- 15T22:20: 17	37.1	20220815-21
7372	nw_sup_c hange																			693.2	73.5635	0	1346	1338	2022-08- 15T22:19: 50	2022-08- 15T22:19: 50	36.8	
7371	nw_inf_ch ange																			691.8	73.0423	0	2235	2227	2022-08- 15T22:19: 40	2022-08- 15T22:19: 40	36.5	
7370	reeling_ex change	390.84570 3125	21.350847 24426269 5	13.336022 37701416	0.0	0.0			764.10351 5625		0.0		19.025854 11071777 3					44.282112 12158203	14.637910 84289550 8	729.3	126.045	1367	1346	1338	2022-08- 15T15:02: 45	2022-08- 15T15:54: 55	4.9	20220815-20
7369	reeling_ex change	07054500	21667480	12.773845 67260742 2	0.0	0.0	4.0915346 14562988	668.04766 84570312	734.06896 97265625	370.76953 125	0.0	55.166488 64746094	18.280370 71228027 3	572.43182 37304688	721.30511 47460938	288.61682 12890625	0.0		14.054068 56536865 2	961.7	219.877	2366	2331	2322	2022-08- 15T14:02: 11	2022-08- 15T15:02: 45	36.5	20220815-19
7368	reeling_ex change	347.26266 47949219	18.919082 64160156 2	11.859396 93450927 7	0.0	0.0	3.7934682 36923217 8	621.99670 41015625	683.37573 2421875	345.17422 48535156	0.0	51.333396 91162109 4	17.006944 65637207	532.83929 44335938	671.62365 72265625	268.66204 83398437 5	0.0	22875976	13.076868 05725097 7	960.8	219.073	2365	2336	2325		2022-08- 15T14:02: 11	36.6	20220815-18
7367	reeling_ex change	320.68646 24023437 5	17.436086 65466308 6	10.956109 04693603 5	0.0	0.0	3.5047264 09912109 4	575.45471 19140625	632.16595 45898438	319.32858 27636719	0.0	47.430053 7109375	15.706281 66198730 5	493.17822 265625	621.89959 71679688	248.67025 75683593 8	0.0	36.654796 6003418	12.076906 20422363 3	943.6	209.777	2294	2264	2256	2022-08- 15T12:02: 54	2022-08- 15T13:01: 40	36.8	20220815-17
7366	nw_sup_c hange																			937.0	208.223	0	2235	2227	2022-08- 15T13:01: 10	2022-08- 15T13:01: 10	37.1	
7365	nw_inf_ch ange																			936.1	207.653	0	2285	2278	2022-08- 15T13:01: 04	2022-08- 15T13:01: 04	36.9	
7364	reeling_ex change	295.55758 66699219	16.040731 43005371	10.101799 01123046 9	0.0	0.0	86630249	16015625	583.17077 63671875	09667969	0.0	43.781246 18530273 4	14.471377 3727417	455.04016 11328125	573.96087 64648438	229.44454 95605468 8	0.0	33.758491 51611328	11.144089 69879150 4	939.6	209.085	2265	2235	2227	2022-08- 15T11:04: 54	2022-08- 15T12:02: 54	36.6	20220815-16
7363				9.2907953 2623291		0.0	2.9767088 89007568 4	486.62164 30664062 5	534.53405 76171875	270.03616 33300781	0.0	40.110919 95239258	13.272820 47271728 5	417.07232 66601562 5	526.32476 80664062	210.31997 68066406 2	0.0	69445800 8	10.216001 51062011 7		209.445	2265	2236	2228	2022-08- 15T10:07: 03	2022-08- 15T11:04: 54	36.8	20220815-15
7362				8.4541387 5579834		0.0	2.6994495 39184570 3	442.18780 51757812 5	485.92477 41699219	245.48803 7109375	0.0	36.464050 29296875	12.054719 92492675 8	379.54592 89550781	478.31738 28125	191.39707 94677734 4	0.0	28.166790 00854492 2	9.2903995 51391602	390.9	27.9934	321	338	319	2022-08- 15T09:22: 06	2022-08- 15T10:07: 03	36.7	20220815-14
7361	reeling_ex change	237.23016 35742187 5	12.823667 52624511 7	8.1199426 65100098	0.0	0.0	2.5927948 95172119	432.66482 54394531	475.51458 74023437 5	240.22634 88769531 2	0.0	35.692741 39404297	11.794914 24560546 9	370.89151 00097656	467.41540 52734375	187.02494 81201172	0.0	27.547880 17272949 2	9.0814390 18249512	953.3	211.405	2278	2248	2241	2022-08- 15T08:23: 08	2022-08- 15T09:22: 06	8.9	20220815-13
7360	nw_sup_c hange																			951.9	211.288	0	2285	2278		2022-08- 15T09:21: 56	29.9	
7359	nw_inf_ch ange																				211.171	0	121	120		2022-08- 15T09:21: 51	36.7	
7358	reeling_ex change	212.56210 32714843 8	11.451426 50604248	7.2836475 37231445	0.0	0.0	2.3278729 91561889 6	387.57330 32226562 5	426.16882 32421875	215.29891 96777343 8	0.0	31.947589 87426757 8	10.579230 30853271 5	332.62905 88378906	419.26123 046875	167.71585 08300781 2	0.0	24.654277 80151367 2	8.1556940 07873535	953.7	210.766	2316	2285	2278		2022-08- 15T08:23: 08	36.7	20220815-12
7357	reeling_ex change	187.18319 70214843 8	10.045968 05572509 8	6.4203209 87701416	0.0	0.0	2.0529618 26324463	342.56259 15527344	376.69958 49609375	190.30899 04785156 2	0.0	28.210544 58618164	9.3293962 4786377	293.51174 92675781	370.11181 640625	148.00178 52783203	0.0	21.758863 44909668	7.1999511 71875	960.6	212.985	2315	2285	2277	2022-08- 15T06:24: 42	2022-08- 15T07:23: 52	36.9	20220815-11
7356				5.6014342 30804443	0.0	0.0				164.96298 21777343		24.469255 44738769	8.1083440 78063965	254.81929 01611328	321.42666 62597656	128.48562 62207031	0.0	18.934364 31884765	6.2480130 19561768	233.6	6.04478	84	83	83	2022-08- 15T06:22:	2022-08- 15T06:24:	36.6	20220815-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7356	reeling_ex change	2	8.7099361 41967773	5.6014342 30804443	0.0	0.0	4	296.89694 21386719	326.48867 79785156	8	0.0	5	78063965	01611328			0.0	6	6.2480130 19561768	233.6	6.04478	84	83	83	32	42	36.6	20220815-10
7355	reeling_ex change	161.60188 29345703	8.6175155 63964844	5.5493087 76855469	0.0	0.0	1.7742230 89218139 6	295.44668 57910156	324.89840 69824219	164.16192 62695312 5	0.0	24.340284 34753418	8.0501279 83093262	253.53337 09716797	319.79074 09667969	127.83038 33007812 5	0.0	18.796932 22045898 4	6.2182936 668396	252.3	8.43232	109	108	107	2022-08- 15T06:19: 41	2022-08- 15T06:22: 32	36.6	20220815-09
7354	reeling_ex change	161.12954 71191406 2	8.5911140 44189453	5.5284729 00390625	0.0	0.0	1.7652654 64782714 8	293.33380 12695312 5	322.58462 52441406	162.98324 58496093 8	0.0	24.211313 24768066 4	7.9919104 57611084	251.36567 68798828		126.73199 46289062 5	0.0	18.659500 12207031 2	6.1588549 61395264	930.4	204.637	2218	2189	2182	2022-08- 15T05:23: 08	2022-08- 15T06:19: 41	37.0	20220815-08
7353	nw_sup_c hange																			926.9	202.858	0	121	120	2022-08- 15T06:19: 13	2022-08- 15T06:19: 13	37.1	
7352	nw_inf_ch ange																			925.5	202.392	0	2347	2339	2022-08- 15T06:19: 06	2022-08- 15T06:19: 06	36.6	
7351	reeling_ex change	137.32991 02783203	7.2665414 81018066	4.7179098 12927246	0.0	0.0	1.5062217 71240234 4	249.64570 61767578	274.56610 10742187 5	138.71768 18847656	0.0	91186523	59783935	06738281	270.23284 91210937 5		0.0	15.921925 54473877	5.2641143 79882812 5	257.5	9.85764	125	121	120	2022-08- 15T05:19: 52		37.1	20220815-07
7350	reeling_ex change	135.45147 70507812	7.1600122 45178223	4.6546869 2779541	0.0	0.0			272.03295 8984375			-			267 59703	_	0.0	15.785056 11419677	5.2041511 53564453	963.4	218.728	2375	2346	2338	2022-08-		37.0	20220815-06
7349				3.7992424 96490478 5		0.0	1.2081574 20158386 2								217.21383 66699218 8		0.0	12.836720	4.2098903 65600586		217.544	2375	2349	2341	2022-08-		36.6	20220815-05
7348	reeling_ex	83.714401	4.3594012	2.8799107 07473755		0.0	0.9124116	153.72802	169.10473 6328125	85.431640					166.70748 90136718 8				3.2088103 29437256	953.3	215.401	2340	2313	2305	2022-08- 15T02:18:		37.2	20220815-04
7347	nw_sup_c hange											2			o .					949.8	212.897	0	2347	2339	2022-08-		36.5	
7346	nw_inf_ch ange																			948.4	212.434	0	2346	2338	2022-08-		36.7	
7345	reeling_ex	58.291687 01171875	2.9648098 94561767	2.0124363 89923095 7	0.0	0.0	0.6366493 10588836	107.07278 44238281 2	117.79872 89428711	59.502384 18579101	0.0	8.8093872 0703125	2.8868615 62728882	92.064865 11230469	116.35906 98242187 5	46.416641 23535156	0.0		2.2326147 55630493	966.3	219.064	2375	2347	2339	2022-08-		37.0	20220815-03
7344	rooling ov		1.5813403	1.1371961 83204650 9		0.0			66.671150 20751953		0.0				65.252449 03564453		0.0	3.8762466 90750122	1.2524091 00532531	966.9	219.441	2376	2348	2341	2022-08-		37.1	20220815-02
7343				0.2641091 04871749 9	0.0	0.0	0.0889824 70333576	13.236732 48291015	14.563807 48748779 3			1.0963886 97624206	0.3466305 73272705	44 400000	14.536059 37957763		0.0	0.8841884	0.2740561 96212768 55	964.3	222.696	2414	2385	2377	2022-08-		37.2	20220815-01
7342	nw_sup_c		1	9			2	0	3			5	1	2	,			9	33	960.8	222.619	0	2346	2338	2022-08- 15T00:16:		36.8	
7341	nw_inf_ch ange																			959.5	221.052	0	2349	2338	2022-08-		37.1	
7340	rooling ov	574.55889 89257812	31.054779 05273437	18.784072 87597656 2	0.0	0.0	6.2704238 89160156	1040.6962 890625	1145.1451 41601562 5	578.22302 24609375	0.0	86.087821 96044922	28.581504 82177734	890.93176 26953125	1128.1116 94335937 5	449.14312 74414062	0.0	66.270935 05859375	21.857421 875	956.8	216.714	2375	2346	2338	2022-08-		37.3	20220814-26
7339	reeling ev		20 817457	17.919218	0.0	0.0			1093.5761 71875						1077.7612 3046875			65380859	20.883358 00170898 4	959.7	218.56	2375	2350	2342	2022-08-		37.1	20220814-25
7338				17.056640 625	0.0	0.0			1041.9547 11914062 5						1026.5251 46484375			60.284965 51513672	19.908281	957.7	217.839	2378	2352	2342	2022-08- 14T20:12:	2022-08- 14T21:13:	37.1	20220814-24
7337	nw_sup_c		1						J				3						J	954.2	215.683	0	2349	2338		14T21:12:	36.5	
7336	nw_inf_ch ange																			952.9	215.338	0	2339	2329	2022-08- 14T21:12:	14T21:12:	37.2	
7335	reeling_ex	497.41162 109375	27.277383 80432129	16.166864 3951416	0.0	0.0	5.4373040 19927978	899.62048 33984375	989.89703 36914062	499.82409 66796875	0.0	74.404144 28710938	24.710659 02709961	770.57720 94726562	975.94097 90039062	388.44549 56054687	0.0	74804687	18.929195 40405273		216.622	2375	2349	2338	2022-08- 14T19:11:	14T20:12:	37.2	20220814-23
7334	-			15.240404 12902832	0.0	0.0	5.1443414	851.72882	937.16699 21875	473.21005	0.0				924.69232 17773438			-	4 17.942358 01696777	957.7	222.001	2375	2354	2341	2022-08- 14T18:10:	14T19:11:	37.3	20220814-22
7333				14.373211 86065673 8		0.0	4.8510227	804.10980	884.75311 27929688	446.76342					873.50463 8671875			51.269893 64624023	16.047057	960.3	228.319	2435	2409	2398	2022-08- 14T17:08:	14T18:10:	36.8	20220814-21
7332	nw_inf_ch ange			8					12000				2					4	,	955.9	224.957	0	127	127	0000 00	43 2022-08- 14T18:10:	36.5	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7332	nw_inf_ch ange																			955.9	224.957	0	127	127	08	08	36.5	
7331	nw_sup_c hange																			955.9	225.034	0	127	127	2022-08- 14T18:10: 07	2022-08- 14T18:10: 07	37.2	
7330	reeling_ex change	416.93844 60449219	22.913801 19323730 5	13.481596 94671630 9	0.0	0.0	4.5569829 9407959	754.82946 77734375	830.49499 51171875	419.36688 23242187 5	0.0	99300347	39030000	134313	820.42315 67382812	5		48.149745 94116211	15.915606 49871826 2	949.8	221.882	2365	2339	2329	2022-08- 14T16:07: 46	2022-08- 14T17:08: 18	36.6	20220814-20
7329	reeling_ex change	389.60314 94140625	21.394815 44494629	12.583095 55053711	0.0	0.0	4.2608423 23303223	707.40338 13476562	778.27746 58203125	393.00296 02050781	0.0	58.497653 96118164	19.448699 95117187 5	607.46154 78515625	769.18914 79492188	306.19686 88964844	0.0	45.150138 85498047	14.916431 42700195 3	956.1	218.132	2365	2345	2335	2022-08- 14T15:07: 14	2022-08- 14T16:07: 46	37.0	20220814-19
7328	reeling_ex change	363.84597 77832031	19.973199 84436035	11.708698 27270507 8	0.0	0.0	3.9730985 16464233 4	659.71093 75	725.77563 4765625	366.49279 78515625	0.0	54.593692 77954101 6	18.108182 90710449 2	567.15319 82421875	717.94122 31445312	285.86453 24707031	0.0	42.150177	13.924766 54052734 4		204.156	2200	2170	2167	2022-08- 14T14:10: 59	2022-08- 14T15:07: 14	36.6	20220814-18
7327	nw_inf_ch ange																			911.0	202.813	0	2000	1999	2022-08- 14T15:06: 37		37.0	
7326	nw_sup_c hange																			910.5	202.813	0	2000	1999	2022-08- 14T15:06: 36		36.5	
7325	reeling_ex change	339.24935 91308594	18.623615 26489257 8	10.881104 46929931 6	0.0	0.0	3.7045791 14913940 4	615.49133 30078125	677.08996 58203125	341.90008 54492187 5	0.0	50.878746 03271484 4	16.884193 42041015 6	529.44561 76757812	670.03924 56054688	266.82006 8359375	0.0		13.005088 80615234 4	263.6	10.3317	129	127	127	2022-08-		36.6	20220814-17
7324	reeling ev		18 518135	10.821257		0.0	3.6878378	612.66613		340.32800	0.0	50.686645 5078125					0.0	89233398	12.944242 47741699 2	927.4	207.095	2214	2185	2181	2022-08- 14T13:10: 51	2022-08- 14T14:07: 35	36.7	20220814-16
7323	reeling_ex change	312.48022 4609375	17.175882 33947754	10.020439 14794921 9	0.0	0.0	3.4120554 92401123	567.23529 05273438	623.93872 0703125	315.06515 50292969	0.0	46.906944 27490234 4	15.569384 57489013 7	488.93896 484375	618.61883 54492188	246.41653 44238281 2	0.0	36.363227 84423828	12.010597 22900390 6	930.4	206.649	2215	2187	2180	2022-08- 14T12:14: 15	2022-08- 14T13:10: 51	36.7	20220814-15
7322	reeling_ex change	287.67633 05664062 5	15.832314 49127197 3	9.2062778 47290039	0.0	0.0	3.1384115 21911621	522.30505 37109375	574.48297 11914062	290.09112 54882812 5	0.0	43.193141	14.333254		569.81054			33.499694 82421875	11.063743 59130859 4	408.6	33.5164	377	373	372	2022-08- 14T12:02: 53	2022-08- 14T12:14: 15	36.7	20220814-14
7321	reeling_ex change	283.25936 88964844	15.596163 74969482 4	9.0636415 48156738	0.0	0.0	3.0887677 66952514 6	514.93969 7265625	566.38092 04101562	285.99661 25488281	0.0	42.554294 58618164	14.124160 76660156 2	444.24655 15136719	561.70062 25585938	223.86982 72705078	0.0	33.024021 14868164	10.917044 63958740 2	881.8	186.6	2013	1986	1982	2022-08- 14T11:09: 48	2022-08- 14T12:02: 53	4.9	20220814-13
7320	nw_inf_ch ange																			880.5	185.479	0	2354	2348	2022-08- 14T12:01: 27	2022-08- 14T12:01: 27	37.1	
7319	reeling_ex change	262.14614 86816406	14.447310 44769287 1	2/111816	0.0	0.0	2.8634428 97796631	474.30786 1328125	521.68646 24023438	263.40902 70996094	0.0				517.58117 67578125		0.0		10.072092 05627441 4	890.3	187.619	2030	2000	1999	2022-08- 14T10:17: 53		37.1	20220814-12
7318	reeling_ex change	239.67678 83300781 2	13.222953 79638671 9	7.6638231 27746582	0.0	0.0	2.6134746 07467651 4	434.36697 38769531	477.76223 75488281	241.19854 73632812 5	0.0	35.875171 66137695	11.911853 79028320 3	375.29617 30957031	474.02392 578125	189.10803 22265625	0.0	27.922142 02880859 4	9.2275600 43334961	479.2	49.1488	552	550	547	2022-08- 14T08:50: 35	2022-08- 14T10:17: 53	36.5	20220814-11
7317	reeling_ex change	220.26277 16064453	12.146127 70080566 4	7.0323047 63793945	0.0	0.0	2.3999555 11093139 6	412.26501 46484375	453.46960 44921875	228.91709 89990234 4	0.0				449.68048 09570312 5			26.490949 63073730 5	8.7624654 76989746	263.2	9.88382	127	125	125	2022-08- 14T08:47: 17	2022-08- 14T08:50: 35	37.2	20220814-10
7316	reeling_ex change	219.16595 45898437 5	12.093873 02398681 6	7.0021653 175354	0.0	0.0	2.3909556 86569214	409.56158 44726562 5	450.48257 44628906	227.42950 43945312 5	0.0	33.844779 96826172	11.236030 57861328 1	354.10507 20214844	446.99523 92578125	178.41522 21679687 5	0.0	26.286359 78698730 5	8.7045049 6673584	962.9	215.533	2365	2340	2332	2022-08- 14T07:47: 35	2022-08- 14T08:47: 17	37.1	20220814-09
7315	reeling_ex change	194.18510 43701172	10.706447 60131836	6.1686582 56530762	0.0	0.0	2.1203131 67572021 5	363.47103 88183594	399.80914 30664062 5	201.83877 56347656 2	0.0	30.033353 80554199 2	9.9809026 71813965	314.54010 00976562 5	396.53338 62304687 5	158.48460 38818359 4	0.0	23.354511 26098632 8	7.7236719 13146973	951.9	214.963	2326	2296	2289	2022-08- 14T06:48: 48	2022-08- 14T07:47: 35	37.1	20220814-08
7314	nw_sup_c hange																			948.4	211.6	0	2354	2348	2022-08- 14T07:47: 07	2022-08- 14T07:47: 07	37.6	
7313	nw_inf_ch ange																			947.1	211.137	0	2358	2347		2022-08- 14T07:46: 59	37.7	
7312	reeling_ex change	171.28436 27929687 5	9.4527740 47851562	5.4070544 24285889	0.0	0.0	1.8721424 34120178 2	318.53079 22363281	350.38134 765625	176.92268 37158203	0.0	26.348157 88269043	8.7378063 2019043	275.35296 63085937 5	346.78228 75976562 5	138.73631 28662109 4	0.0	20.427387 23754882 8			218.562	2386	2354	2348	2022-08-		37.5	20220814-07
7311				4.6241388 32092285		0.0				150.92840 57617187 5	0.0	22.460033 41674804 7			295.59176 63574219	118.45317 84057617 2	0.0	17.433443 06945800 8	5.7636365 89050293	966.9	219.279	2385	2357	2352	2022-08- 14T04:48: 21		37.0	20220814-06
7310				3.7814226 15051269 5		0.0				125.40921 02050781 2		18.698005 67626953						14.521194 45800781 2	4.7859764 09912109	956.4	215.617	2369	2343	2331		2022-08- 14T04:48: 21	37.7	20220814-05
7309	nw_sup_c hange																			951.5	217.368	0	2353	2343	2022-08-		37.8	
7308	nw_sup_c hange																			951.5	217.368	0	2353	2343	0000 00	2022-08- 14T04:47:	37.8	

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7308	nw_sup_c hange																			951.5	217.368	0	2353	2343	46	46	37.8	
7307	reeling_ex change	95.568717 95654297	5.2663578 98712158	3.0133101 94015503	0.0	0.0	1.0402606 72569275	178.72454 83398437 5	196.60624 69482422	99.304695 12939453	0.0	14.748115 53955078 1	4.8754305 83953857	155.06216 43066406 2	194.22650 14648437 5	78.152877 80761719	0.0		3.8127386 56997680 7	960.8	218.849	2385	2358	2347		2022-08- 14T03:48: 31	37.1	20220814-04
7306	reeling_ex change	70.875373 84033203	3.9027259 349823	2.2427573 20404052 7	0.0	0.0	0.7723500 13256073	131.80990 60058593 8	145.01383 97216797	73.245834 35058594	0.0	10.920159 33990478 5	3.6232905 38787842	114.47310 63842773 4	142.99484 25292968 8	57.694171 90551758	0.0	8.5457439 42260742	2.7951445 57952881	963.0	218.942	2386	2362	2350		2022-08- 14T02:48: 17	37.3	20220814-03
7305	reeling_ex change	45.229465 48461914	2.5010480 88073730 5	1.4368166 92352295	0.0	0.0	0.4904170 33433914 2	83.916702 27050781	92.317001 34277344	46.628520 96557617	0.0	6.9587154 38842773	2.3115065 09780884	73.826644 89746094	92.021430 96923828	37.207557 67822265 6	0.0	5.4771513 93890381	1.7865840 19660949 7	948.0	209.517	2290	2260	2249		2022-08- 14T01:48: 04	37.0	20220814-02
7304	nw_sup_c hange																			944.0	207.492	0	2353	2343		2022-08- 14T01:47: 35	37.1	
7303	nw_inf_ch ange																			942.7	208.684	0	2352	2347	2022-08- 14T01:47:		37.5	
7302	reeling_ex change	21.763034 82055664	1.2087486 98234558	0.6923969 98405456	0.0	0.0	0.2354067 41499900	39.161464 69116211	43.087596 89331055	21.765316 00952148	0.0	3.2509179 11529541	1.0655858 51669311	34.720672 60742187	43.346401 21459961	17.503408 43200683	0.0	10388183	0.8371559 97753143 3	969.0	220.585	2385	2353	2343	2022-08-	2022-08-	37.8	20220814-01
7301	reeling ev		31 689704	17.845529	0.0	0.0	6.1457390 78521728		1143.4583 74023437	578.01617 43164062	0.0	86.619598 38867188					0.0	66.854454	22.186334 60998535	965.6	221.47	2385	2358		2022 00	2022-08-	37.6	20220813-24
7300				17.013759 61303711	0.0	0.0	-	-	-	551.86791 9921875		82.768981 93359375					0.0	63.854415 89355469	21.204174 04174804	949.3	215.235	2322	2289	2285	2022-08- 13T21:51:			20220813-23
7299	nw_sup_c hange		2						5						5				,	944.9	212.972	0	2352	2344	2022-08- 13T22:49:		37.1	
7298	nw_sup_c																			944.9	212.972	0	2352	2344	2022-08- 13T22:49:	2022-08- 13T22:49:	37.1	
7297	reeling_ex	514.19653 3203125		16.244928 35998535	0.0	0.0	5.5969638 82446289	952.15649 4140625	1041.2758 7890625	526.38415 52734375	0.0	78.904418 9453125	26.119201 66015625	821.63403 3203125	1020.5609 13085937	412.16302 49023437	0.0	60.981758 11767578	20.217401 5045166	967.4	221.924	2385	2352	2347	2022-08- 13T20:50:	13T21:51:	37.4	20220813-22
7296	reeling ov		27.412097	15.422513 96179199	0.0	0.0	5.3157849	904.97363		500.14450	0.0	74.979011 53564453			5	5	0.0	57.963783 26416015 6	19.226617 81311035	966.6	221.47	2386	2355	2349	2022-08- 13T19:50:	13T20:50:	37.1	20220813-21
7295				2 14.634562 49237060 5	0.0	0.0				474.29595 94726562 5	0.0	71.116859 43603516					0.0	54.958797 45483398	18.231258 39233398		218.728	2376	2341	2335	2022-08- 13T18:50:	13T19:50:	37.2	20220813-20
7294	nw_sup_c		6	5						5			3			5		4	4	956.4	215.597	0	2352	2344		13T19:50:	37.5	
7293	nw_inf_ch ange																			955.0	214.968	0	2335	2326	2022-08- 13T19:50:	13T19:50:	37.1	
7292	reeling_ex	50976562	47827148	13.814711 57073974	0.0	0.0	4.7544813	812.76184	887.91052 24609375	448.90863 03710937	0.0	67.324821 47216797	22.275094 98596191	702.03283	868.77783 203125	351.84765 625	0.0	52.053249 35913086		962.1	219.279	2385	2352	2344	2022-08- 13T17:50:	13T18:50:	37.3	20220813-19
7291		5 410.94027 70996094		6 13.020747 18475341 8	0.0	0.0	4.4805788	766.34783		423.10815	0.0	63.444042 20581055						49.132900	5 16.277410 50720215	961.2	222.472	2386	2361	2350	2022-08- 13T16:50:	13T17:50:	37.2	20220813-18
7290				8 12.209850 31127929 7		0.0	4.1880068	720.11572		397.41250	0.0				769.35937 5			20000711	15.287876		223.915	2418	2383	2379		13T16:50:	37.1	20220813-17
7289	nw_sup_c	5	8	7				_00020	. 0 . 0 0 1 2	_ 1000 100		4	8	302.0400	-	20701		2.077022	.20.0009	967.4	220.12	0	2335	2326	2022-08- 13T16:49:	13T16:49:	37.6	
7288	nw_inf_ch ange																			966.5	218.387	0	2334	2332	2022-08- 13T16:49:	13T16:49:	37.6	
7287	-	358.04586	20.192676 54418945	11.371915 81726074 2	0.0	0.0	3.8986010 55145263 7	673.16632	734.26965	371.32061 76757812	0.0	55.738307 95288086	18.447460 17456054	582.96893	718.66717	291.86288	0.0	22094726	14.295807 83843994	960.3	216.452	2365	2335	2326	2022-08- 13T14:49:	13T15:49:	37.0	20220813-16
7286				2 10.595425 60577392 6		0.0				5 345.93075 56152344								6	1 13.334881 78253173 8			2366	2344	2330	25 2022-08- 13T13:49:	10 2022-08- 13T14:49:		20220813-15
7285				6 9.7784757 61413574		0.0	3 3610220			320 69268		6 48.146022 79663086	24021582	24023438	38476362	10003900		37.362190	12.350131		216.328		2336	2333	44 2022-08-	25		20220813-14
7284	nw_sup_c	33105469	8	б1413574			4	19921875	0390625	5		79663086	8	22949219	2//34375	4		24658203	98852539	955.5	214.88		2334	2332	54	2022-08- 13T13:49:		
	hange																								13113:49	13113:49		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7284	nw_sup_c hange																			955.5	214.88	0	2334	2332	12	12	37.2	
7283	nw_inf_ch ange																			954.6	217.367	0	2348	2343		2022-08- 13T13:49: 05	37.8	
7282	reeling_ex change	283.32937 62207031	16.064571 38061523 4	52893066	0.0	0.0	3.0935199 26071167	536.91394 04296875	584.35998 53515625	295.55450 43945312 5	0.0	44.372219 08569336						34.380901 33666992	11.394760 13183593 8	963.4	217.538	2366	2334	2332	2022-08- 13T11:50: 10	2022-08- 13T12:49: 54	37.4	20220813-13
7281	reeling_ex change	258.83447 265625	14.699224 47204589 8	8.2340898 51379395	0.0	0.0	2.8251976 96685791	491.31982 421875	534.20721 43554688	270.23779 296875	0.0	40.637748 71826172	13.477225 30364990 2	424.79513 54980469	522.27966 30859375	212.11408 99658203	0.0		10.379959 10644531 2	970.0	216.786	2365	2336	2332	2022-08- 13T10:50: 29	2022-08- 13T11:50: 10	37.2	20220813-12
7280	reeling_ex change	235.78179 93164062 5	13.402233 12377929 7	7.4934720 99304199	0.0	0.0	2.5705068 11141967 8	446.45291 13769531	484.86477 66113281	245.29324 34082031 2	0.0	36.893630 98144531	12.228182 79266357 4	385.69793 70117187 5	473.87594 60449219	192.41210 9375	0.0	28.554290 77148437 5	9.4187831 87866211	952.9	210.608	2302	2267	2260	2022-08- 13T09:52: 19	2022-08- 13T10:50: 29	37.4	20220813-11
7279	nw_sup_c hange																			948.9	208.053	0	2357	2341	2022-08- 13T10:49: 56	2022-08- 13T10:49: 56	37.1	
7278	nw_inf_ch ange																			948.0	207.615	0	2357	2341	2022-08- 13T10:49: 52	2022-08- 13T10:49: 52	37.2	
7277	reeling_ex change	213.65452 57568359 4	12.166724 20501709	6.7833533 28704834	0.0	0.0	2.3300168 51425171	402.29779 05273437 5	436.30590 8203125	220.73986 81640625	0.0	33.195289 61181640 6	11.012870 78857421 9	347.08605 95703125	425.87582 39746094	172.95965 57617187 5	0.0	25.635589 59960937 5	8.4796419 14367676	973.6	217.493	2385	2348	2343	2022-08- 13T08:52: 05	2022-08- 13T09:52: 19	37.7	20220813-10
7276	reeling_ex change	190.04803 46679687	10.865910 53009033 2	6.0460336	0.0	0.0	2.0765075 68359375	356.14505 00488281	385.55587 76855469	195.10076 90429687 5	0.0	29.379364 01367187 5	9.7410936 35559082	307.00314 33105469	376.23306 27441406	152.73672 48535156 2	0.0	22.657455 44433593 8	7.5038442 61169434	976.2	221.16	2386	2351	2350	2022-08- 13T07:51: 52	2022-08- 13T08:52: 05	37.1	20220813-09
7275	reeling_ex change	165.76702 88085937 5	9.4981517 79174805	5.2842931 74743652	0.0	0.0	1.8136196 13647461	310.14437 86621094	334.96487 42675781	169.55072 02148437 5	0.0	25.536697 38769531 2	8.4662714 0045166	267.11422 72949219	326.59753 41796875	132.63583 37402343 8	0.0		6.5215640 0680542	958.1	215.312	2337	2305	2295	2022-08- 13T06:52: 48	2022-08- 13T07:51: 52	37.8	20220813-08
7274	nw_sup_c hange																			954.2	216.465	0	2357	2341	2022-08- 13T07:51: 24	2022-08- 13T07:51: 24	37.2	
7273	nw_inf_ch ange																			953.3	216.019	0	2136	2125	2022-08- 13T07:51: 19	2022-08- 13T07:51: 19	37.3	
7272	reeling_ex change	142.04725 64697265 6	8.1675024 03259277	4.5481209 75494385	0.0	0.0	1.5522965 1927948	264.84780 88378906	285.14114 37988281	144.39816 28417968 8	0.0	21.768735 88562011 7	7.2122588 15765381	227.72032 16552734 4	277.02053 83300781	112.79137 42065429 7	0.0	16.773321 1517334	5.5324730 87310791	966.9	219.517	2386	2357	2341	2022-08- 13T05:52: 34	2022-08- 13T06:52: 48	37.1	20220813-07
7271	reeling_ex change	117.51564 78881836	6.9618630 40924072	3.7867276 66854858 4	0.0	0.0	07594299 3	14990234 4	5	65820312 5		17.825153 35083007 8	5.9392452 23999023	187.84313 96484375	227.19030 76171875	92.702407 83691406	0.0	13.799263 00048828 1	4.5666642 18902588	969.6	220.95	2386	2360	2347	2022-08- 13T04:52: 23	2022-08- 13T05:52: 34	37.3	20220813-06
7270	reeling_ex change	92.920295 71533203	5.6666221 61865234	2.9846363 06762695 3	0.0	0.0	1.0153517 72308349 6	171.88475 03662109 4	182.89668 27392578	92.770294 18945312	0.0	14.006287 57476806 6	4.6578660 0112915	148.13171 38671875	177.88482 66601562 5	72.679801 94091797	0.0	10.815486 90795898 4	3.5916235 44692993	929.1	199.771	2162	2133	2123	2022-08- 13T03:57: 46	2022-08- 13T04:52: 23	37.6	20220813-05
7269	nw_sup_c hange																			921.6	198.338	0	2136	2125	2022-08- 13T04:51: 53	2022-08- 13T04:51: 53	37.3	
7268	nw_inf_ch ange																			920.7	197.871	0	2171	2217	2022-08- 13T04:51: 46	2022-08- 13T04:51: 46	37.6	
7267	reeling_ex change	71.920410 15625	4.5204205 51300049	2.3388781 54754638 7	0.0	0.0	0.7935677 17075347 9	128.86442 56591797	135.57868 95751953	68.878509 52148438	0.0	10.486024 85656738 3						35021973		929.5	207.012	2165	2136	2125	2022-08- 13T03:03: 06	2022-08- 13T03:57: 46	37.5	20220813-04
7266	reeling_ex change	47.829364 77661133	3.1989598 27423095 7	1.5966970 92056274 4	0.0	0.0	0.5305137 63427734 4	85.216354 37011719	87.547126 77001953	44.648757 93457031	0.0	6.8328719 13909912	2.2538864 61257934 6	73.587944 03076172	85.570297 24121094	35.126476 2878418	0.0	5.3149914 74151611	1.7407445 90759277 3	929.0	207.165	2165	2136	2125	2022-08- 13T02:08: 33	2022-08- 13T03:03: 06	37.1	20220813-03
7265	reeling_ex change	25.891782 76062011 7	1.9771553 27796936	0.9163321 25663757 3	0.0	0.0	0.2834230 06534576 4					3.2153148 65112304 7	1.0855244 39811706 5	36.140254 97436523 4	39.003368 37768555	16.239725 11291504	0.0	53436279	0.8288085 46066284 2	537.3	57.8163	664	657	655		2022-08- 13T02:08: 33	37.2	20220813-02
7264	reeling_ex change	3.5113353 72924804 7	0.7017267 34638214 1	0.1363491 71400070 2	0.0	0.0	0.0470975 48842430 115	11.694779 39605712 9	7.0790634 15527344	4.0372080 80291748	0.0	0.7319472 43213653 6	0.2573712 46814727 8	9.3525218 96362305	6.3566722 86987305	2.9373412 13226318 4	0.0	0.5508916 97406768 8		928.1	180.59	2207	2154	2199		2022-08- 13T00:11: 18	37.7	20220813-01
7263	nw_sup_c hange																			1200.0	180.901	0	2171	2217	2022-08- 13T00:11: 29	2022-08- 13T00:11: 29	37.5	
7262	nw_inf_ch ange																			946.1	180.654	0	2305	2359		2022-08- 13T00:11: 24	37.5	
7261	reeling_ex change	456.16033 93554687 5	89.617431 640625	17.668409 34753418	0.0	0.0	5.6900815 96374512	1338.9785 15625	810.16180 41992188	463.41952 51464844	0.0	81.625137 32910156	27.069660 18676757 8	1130.7247 31445312 5	772.79907 2265625	355.00024 4140625	0.0	61.748554 22973633	20.400676 72729492 2	929.0	184.142	2225	2171	2217		2022-08- 12T23:15: 31	37.2	20220812-26
7260	reeling_ex change	437.83050 53710937	86.041801 45263672	16.939191 81823730	0.0	0.0	5.4647493 36242676	1284.2839 35546875	777.07208 25195312	444.49957 27539062	0.0	78.334625 24414062	25.978036 88049316	1085.2385 25390625	741.93280 02929688	340.72042 84667969	0.0	59.255081 17675781	19.559679 03137207	927.7	183.281	2225	2176	2220	2022-08- 12T21:23:	2022-08- 12T22:19:	37.8	20220812-25

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7260	reeling_ex change		86.041801 45263672	5	0.0	0.0	36242676	35546875	25195312		0.0	78.334625 24414062	4	1085.2385 25390625	741.93280 02929688	340.72042 84667969	0.0	59.255081 17675781	19.559679 03137207	927.7	183.281	2225	2176	2220	18	21	37.8	20220812-25
7259	reeling_ex change	418.75308 22753906	82.313713 07373047	16.202690 12451172	0.0	0.0	5.2285656 92901611	1230.1558 83789062 5	744.30499 26757812	425.76449 58496094	0.0	75.045646 66748047	24.876783 37097168	1039.0067 13867187 5	710.56939 69726562	326.22027 58789062 5	0.0	56.770412 44506836	18.739421 84448242 2	423.8	31.9816	402	442	451	2022-08- 12T20:55: 50	2022-08- 12T21:23: 18	37.2	20220812-24
7258	reeling_ex change	410.44140 625	80.674110 41259766	15.871837 61596679 7	0.0	0.0	5.1232652 66418457	1215.4526 3671875	735.41802 97851562	420.68273 92578125	0.0	74.139472 96142578	24.585464 47753906 2	1026.4620 36132812 5	702.05682 37304688	322.28805 54199219	0.0	56.045005 79833984 4	18.484489 44091797	960.3	196.395	2365	2305	2359	2022-08- 12T19:56: 07	2022-08- 12T20:55: 50	37.6	20220812-23
7257	nw_sup_c hange																			974.6	196.647	0	2305	2359	2022-08- 12T20:55: 53	2022-08- 12T20:55: 53	37.8	
7256	nw_inf_ch ange																			960.3	196.103	0	2304	2359	2022-08- 12T20:55: 48	2022-08- 12T20:55: 48	37.1	
7255	reeling_ex change	390.32125 85449219	76.722602 84423828	15.093243 59893798	0.0	0.0	4.8697133 06427002	1157.4663 0859375	700.32629 39453125	400.59869 38476562	0.0	70.568328 85742188	23.411375 04577636 7	977.32336 42578125	668.70098 87695312	306.86343 38378906	0.0	53.391773 22387695	17.613269 80590820 3	961.3	195.023	2365	2305	2359	2022-08- 12T18:56: 23		37.6	20220812-22
7254	reeling_ex change	370.32907 10449219	72.789749 14550781	14.304747 58148193	0.0	0.0			664.70080 56640625			66.998725 89111328							16.729598 99902343 8	960.9	198.017	2365	2314	2361	2022-08-		37.1	20220812-21
7253	reeling ev	350.31417 84667969	68 849761	13.530075	0.0	0.0			620 50030			63.427299 49951172							15.869281 76879882 8	949.0	193.962	2335	2276	2329	2022-08-		37.1	20220812-20
7252	nw_sup_c hange			0				3		5			3			3		0	0	944.9	192.368	0	2304	2359	2022-08- 12T17:56:		37.2	
7251	nw_inf_ch ange																			943.6	191.829	0	2304	2357	2022-08-		37.6	
7250	reeling_ex	330.93649 29199219	65.060607 91015625	12.769732 47528076	0.0	0.0			595.04571 53320312		0.0	59.966697 69287109 4	19.910018 92089843	830.69750 9765625	569.29705 81054688	260.89950 56152344	0.0		14.969149 58953857 4	958.1	195.48	2365	2304	2359		2022-08-	37.3	20220812-19
7249	rooling ov	310.88760 37597656	61 124460	11.989213		0.0	3.8827850 81863403	924.65185 546875	559.45434 5703125	320.05554 19921875	0.0	56.395088 19580078					0.0	42.723670 95947265	14 102345	956.8	196.021	2365	2309	2364	2022-08- 12T14:58: 18	2022-08-	37.6	20220812-18
7248	rooling ov	290.39871 21582031	57 153/76	11.176187	0.0	0.0	3.6182734 96627807	866.37652 58789062	524.18676 7578125	299.87954 71191406	0.0	E2 02E012	17 522220	732.63409 42382812	502.72210				13.207612 99133300 8	965.6	195.313	2372	2306	2364	2022-08- 12T13:58:	2022-08- 12T14:58: 18	37.7	20220812-17
7247	nw_sup_c			9			6								5	0		6	0	957.3	193.857	0	2301	2359	2022-08-		37.1	
7246	nw_inf_ch ange																			956.8	193.319	0	2301	2359	2022-08- 12T14:57:	2022-08- 12T14:57:	37.8	
7245	reeling_ex	271.35757 44628906	53.482936 85913086	10.437733 65020752	0.0	0.0	3.3847024 44076538	808.06896 97265625	488.88980 10253906	279.69226 07421875	0.0	49.249500 2746582	16.347087 86010742	683.70532 2265625	469.50027 46582031	214.74977 11181640	0.0		12.322723 38867187 5	961.7	193.11	2365	2304	2357	2022-08-	43 2022-08- 12T13:58: 23	37.4	20220812-16
7244	reeling_ex	251.39720 15380859 4	49.527938 84277344	9.6607961 65466309	0.0	0.0	3.1302206 51626587	750.82354 73632812	454.23962 40234375	259.87579 34570312	0.0	45.739379 8828125					0.0	34.750545	11.451109 88616943 4	963.8	194.648	2365	2312	2360	2022-08-		37.3	20220812-15
7243		, 231.86973				0.0	2.8911039	692.74420	419.08532 71484375	239.76062		42.234470 36743164						32.051624 2980957	10 560156	962.3	194.438	2352	2287	2344	2022-08-		37.7	20220812-14
7242	nw_sup_c												2			0			4	955.0	191.702	0	2301	2359	2022-08- 12T11:58:	2022-08- 12T11:58:	37.3	
7241	nw_inf_ch ange																			954.2	191.371	0	2324	2373		12T11:58:	37.2	
7240		212.95474 24316406 2	41.912132 26318359 4	8.1300430 29785156	0.0	0.0	2.6634628 77273559	635.87683 10546875	384.67257 69042969	220.06805 41992187	0.0	38.787780 76171875	12.855474 47204589	537.05023 19335938	369.51089 47753906	168.70315 55175781	0.0	29.347848 89221191	9.6814088 82141113		197.519	2365	2301	2359	2022-08-	12T10:59:	37.3	20220812-13
7239		194.30038 45214843 8	4			0.0			349.69851 68457031			35.224273 68164062	11.709996 22344970	488.11566 16210937	335.85321 04492187		0.0	26.705644 60754394	0 0020202		196.187	2365	2308	2364	2022-08- 12T09:00:	12T09:59:	37.7	20220812-12
7238	reeling_ex	174.51417 54150390	34.347434 99755859	6.6237540 24505615	0.0	0.0	2.1883389		314.65203	179.98570 25146484		5 31.716094 97070312 5		5		138.10574 34082031	0.0	5 24.039703 36914062	7.9247059 82208252	949.3	187.454	2293	2232	2286		12T09:00:	37.6	20220812-11
7237	nw_sup_c		4				4		5	4		5	2		5	2		5	,,	944.9	187.162	0	2324	2373	2022-08- 12T08:59:	12T08:59:	37.7	
7236	nw_inf_ch ange																			944.5	187.907	0	2324	2373	36 2022-08- 12T08:59:	36 2022-08- 12T08:59:	37.1	
	-																											

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7236	nw_inf_ch ange																			944.5	187.907	0	2324	2373	30	30	37.1	
7235	reeling_ex change	156.67601 01318359 4	30.819107 05566406 2	5.9218978 88183594	0.0	0.0	1.9692510 36643982	464.08734 13085937 5	280.76806 640625	160.59112 54882812 5	.0	28.309627 53295898 4	9.3831996 91772461	392.08383 17871094	269.60629 27246094	123.17819 97680664	0.0	21.492765 42663574 2	7.0396437 6449585	972.2	195.765	2385	2324	2373		2022-08- 12T08:02: 11	37.5	20220812-10
7234	reeling_ex change	137.37561 03515625	27.006193 16101074 2	5.1558365 82183838	0.0	0.0	1 7245005	406.34027	245.83029			24.788742 06542968 8	8.2256994 24743652	343.13320 92285156	236.00242 61474609 4	107.79947 66235351 6	0.0	18.771844 8638916	6.1799163 81835937 5	972.2	197.779	2385	2330	2379	2022-08- 12T06:01: 46	2022-08- 12T07:01: 58	37.7	20220812-09
7233		118.19838 71459961		4.4702081 68029785	0.0	0.0	1.4803696 87080383 3	348.06515 50292969	210.58319 09179687 5	120.45883 94165039	.0	21.213947 29614257 8	7.0360660 55297852	294.19342 04101562 5	202.21598 81591797	92.413574 21875	0.0	16.123912 81127929 7	5.2834892 27294922	968.3	193.983	2354	2291	2342	2022-08- 12T05:02: 19	2022-08- 12T06:01: 46	37.2	20220812-08
7232	nw_sup_c hange																			960.3	191.991	0	2324	2373		2022-08- 12T06:01: 16	37.1	
7231	nw_inf_ch ange																			959.9	191.659	0	2325	2374		2022-08- 12T06:01: 11	37.3	
7230	reeling_ex change	99.168930 05371094	19.451343 53637695 3	3.7056641 57867431 6	0.0	0.0	1.2439101 93443298 3	291.14419 55566406	176.14312 74414062 5	100.76817 32177734 0	.0	17.745603 56140136 7	5.8666667 93823242	245.95785 52246093 8	168.85684 20410156 2	77.252250 67138672	0.0	13.472250 93841552 7		971.4	195.933	2385	2324	2373		2022-08- 12T05:02: 19	37.4	20220812-07
7229	reeling_ex change	79.801216 12548828	15.598435 40191650 4	2.9381177 42538452	0.0	0.0	1.0055733 91914367 7	232.67863 46435547	140.76786 80419922	80.530838 01269531	.0	14.174043 65539550 8	4.7170028 68652344	196.61822 50976562 5	134.34709 16748047	61.754539 48974609 4	0.0	10.746014 59503173 8		970.5	197.779	2385	2330	2377	2022-08- 12T03:01: 53	2022-08- 12T04:02: 05	37.4	20220812-06
7228	reeling_ex change	59.985996 24633789	11.656062 12615966 8	2.1555151 93939209	0.0	0.0	58144378	22412109		60.361663 81835937 5	.0	10.603248 59619140 6					0.0	8.0794229 50744629	2.6395878 79180908	924.6	178.52	2189	2131	2178		2022-08- 12T03:01: 53	37.3	20220812-05
7227	nw_sup_c hange																			920.2	177.532	0	2325	2374		2022-08- 12T03:01: 24	37.3	
7226	nw_inf_ch ange																			919.8	177.132	0	2173	2218		2022-08- 12T03:01: 19	37.6	
7225	reeling_ex change	41.504161 8347168	8.0519227 98156738	1.4876495 59974670 4	0.0	0.0	0.5267363 78669738 8	121.44756 31713867 2	73.454406 73828125	42.038990 02075195	.0	7.3704257 01141357	2.4435119 62890625	102.52155 30395507 8	70.176483 15429688	32.189243 31665039	0.0	5.6191363 33465576	1.8278043 27011108 4	967.4	195.682	2385	2325	2374		2022-08- 12T02:06: 34	37.8	20220812-04
7224	change	7	60943603 5	65589904 8		0.0	0.2867867 64860153 2	64.090873 71826172	38.765384 67407226 6	22.171249 38964843 0	.0	3.8581233 02459717	1.2913292 64640808	54.151458 74023437 5	37.042762 75634765 6	17.000797 27172851 6	0.0	2.9729499 81689453	0.9811750 05435943 6	966.1	194.214	2385	2331	2379		2022-08- 12T01:06: 20	37.8	20220812-03
7223	reeling_ex change	2.3470790 38619995	0.4579266 60776138 3	0.0892146 97480201 72	0.0	0.0	0.0369326 80755853 65	6.9132418 63250732	4.1753764 15252685 5	2.3818612 09869384 8	.0	0.3971814 81122970 6	0.1297149 65820312 5	6.1274495 12481689 5	4.1770410 53771973	1.9160948 99177551 3	0.0	0.3105888 06867599 5		269.0	9.39578	133	130	133	2022-08- 12T00:02: 48	2022-08- 12T00:06: 14	37.9	20220812-02
7222	!:	0.0504207	0.1305992	0.0296974 18212890 625		0.0				1.2318884 13429260 0		0.2269691 22886657 71	0.0648574 82910156 25	3.1478104 59136963	2.1446554 66079712	0.9796533 58459472 7	0.0	0.1863532 96041488 65		948.9	187.27	2306	2245	2294	2022-08- 11T23:04: 36	2022-08- 12T00:02: 48	37.6	20220812-01
7221	nw_sup_c hange																			944.5	186.436	0	2173	2218	2022-08- 12T00:02: 18	2022-08- 12T00:02: 18	37.4	
7220	nw_inf_ch ange																			943.6	185.906	0	2316	2373		2022-08- 12T00:02: 11	37.5	
7219		453.66445 92285156			0.0	0.0	5.6459941 86401367	1319.8758 54492187 5	798.43585 20507812	456.93429 56542969	.0	80.203521 72851562	26.670454 02526855 5	1105.3769 53125	759.35253 90625	347.11401 3671875	0.0	60.283496 85668945	19.914873 12316894 5	932.6	182.326	2230	2173	2218	2022-08- 11T22:08: 23	2022-08- 11T23:04: 36	37.4	20220811-24
7218	reeling_ex change	434.45440 67382812 5	85.161064 14794922	17.138856 88781738 3	0.0	0.0	5.4056358 33740234	1265.5837 40234375	765.62750 24414062	438.16049 19433594	.0	76.907737 7319336	25.592458 72497558 6	1059.9606 93359375	727.97576 90429688	332.84014 89257812 5	0.0	57.797424 31640625	19.085327 1484375	934.8	181.232	2230	2175	2219	2022-08- 11T21:12: 14	2022-08- 11T22:08: 23	37.8	20220811-23
7217	reeling_ex change	415.60620 1171875	81.471351 62353516	16.394275 66528320 3	0.0	0.0	5.1713232 99407959	1211.4232 17773437 5	732.85180 6640625	419.41821 2890625	.0	73.613433 83789062	24.508981 70471191 4	1014.7505 49316406 2	696.69158 93554688	318.63330 078125	0.0	55.319664 00146484 4	18.256231 3079834	394.0	28.637	362	355	353		2022-08- 11T21:12: 14	37.6	20220811-22
7216		410.83288 57421875		16.197513 58032226 6	0.0	0.0			727.55432 12890625		.0	73.103416 4428711	24.311330 79528808 6	1007.5733 03222656 2	691.72644 04296875	316.37939 453125	0.0	54.887668 60961914	18.123926 16271972 7	955.1	194.565	2363	2292	2327		2022-08- 11T20:39: 30	37.9	20220811-21
7215	nw_inf_ch ange																			951.9	193.857	0	2319	2374	2022-08- 11T20:39: 10	11T20:39:	37.2	
7214	nw_sup_c hange																			951.9	193.939	0	2319	2374	2022-08- 11T20:39: 08	11T20:39:	37.7	
7213	reeling_ex change	391.30541 9921875	76.694725 0366211	15.424497 60437011 7	0.0	0.0	4.8774018 28765869	1145.1735 83984375	692.78009 03320312	396.46917 72460937 5	.0	69.594894 40917969	23.152795 79162597 7	959.50268 5546875	658.41180 41992188	301.28314 20898437 5	0.0	52.300788 87939453	17.266223 90747070 3	960.3	194.674	2385	2316	2373	2022-08- 11T18:39: 42	2022-08- 11T19:39: 53	37.4	20220811-20
7212	reeling_ex change	369.79721 06933594	72.478828 43017578	14.573574 06616211	0.0	0.0				376.56277 46582031		66.089805	21.993062	911.27703	625.00402 83203125	286.14114		49.653694 15283203	16.381381	959.0	194.214	2385	2323	2378	2022-08- 11T17:39:	2022-08- 11T18:39:	37.7	20220811-19

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7212	reeling_ex change	369.79721 06933594	72.478828 43017578	14.573574 06616211	0.0	0.0	4.6134080 88684082		657.97509 765625	376.56277 46582031	0.0	66.089805 60302734	21.993062 97302246	911.27703 85742188	625.00402 83203125	286.14114 37988281	0.0	49.653694 15283203	16.381381 98852539	959.0	194.214	2385	2323	2378	34	42	37.7	20220811-19
7211	reeling_ex change	350.12460 32714844	68.623458 86230469	13.801402 09197998	0.0	0.0	4.3626780 50994873	1029.2845 45898437 5	622.66613 76953125	356.36587 52441406	0.0	62.579917 90771484 4	20.810188 29345703	863.09143 06640625	592.04522 70507812	270.99838 25683594	0.0	47.018127 44140625	15.536787 03308105 5	949.8	191.625	2345	2278	2333	2022-08- 11T16:40: 24	2022-08- 11T17:39: 34	37.2	20220811-18
7210	nw_sup_c hange																			945.4	189.278	0	2319	2374		11T17:39	37.2	
7209	nw_inf_ch ange																			944.5	189.601	0	2325	2376	2022-08- 11T17:38: 54	2022-08- 11T17:38: 54	37.1	
7208	change	330.87619 01855469	89990234	8		0.0	4.1222391 12854004	972.29888 91601562	588.16827 39257812	336.64215 08789062 5	0.0	5949707	44140625	12695312	25/8125	8			14.669585 22796630 9	965.3	195.052	2385	2319	2374	2022-08- 11T15:40: 14	2022-08- 11T16:40: 24	37.2	20220811-17
7207	reeling_ex change	310.93588 25683594	60.992366 79077148 4	12.263459 20562744 1	0.0	0.0	3.8749804 49676513 7	913.76599 12109375	552.76129 15039062	316.36999 51171875	0.0	55.558425 90332031	18.456083 29772949 2	767.11663 81835938	525.94738 76953125	240.84053 03955078	0.0		13.781701 08795166	963.0	196.478	2385	2327	2381	2022-08- 11T14:40: 05	2022-08- 11T15:40: 14	37.5	20220811-16
7206	reeling_ex change	291.40203 85742187	57.198997 49755859			0.0	3.6316313 74359131	855.75921 63085938	517.64544 67773438	296.28802 49023437 5	0.0	51.990520 47729492	17.311532 97424316 4	719.05364 99023438	492.69635 00976562 5	225.75210 57128906 2	0.0		12.909712 79144287 1	943.6	188.325	2306	2242	2298	2022-08- 11T13:41: 54	2022-08- 11T14:40: 05	37.7	20220811-15
7205	nw_sup_c hange																			938.8	185.906	0	2325	2376	2022-08- 11T14:39: 29	2022-08- 11T14:39: 29	37.7	
7204	nw_inf_ch ange																			937.9	187.661	0	2321	2373	2022-08- 11T14:39: 24	2022-08- 11T14:39: 24	37.2	
7203	reeling_ex change	75195312	53.574581 14624023 4	10.754243 85070800 8	0.0	0.0	3.3990089 89334106 4	800.04028 3203125	483.95062 25585937 5	277.00375 36621094	0.0	48.654582 97729492	16.177385 33020019 5	671.84393 31054688	460.09289 55078125	210.93267 82226562 5	0.0	97875976	12.082222 93853759 8	965.2	195.933	2385	2325	2376	2022-08- 11T12:41: 45	2022-08- 11T13:41: 54	37.2	20220811-14
7202	reeling_ex change	252.92662 04833984 4	49.746273 04077148 4	9.9563732 1472168	0.0	0.0	3.1506760 12039184 6	742.39715 57617188	449.07080 078125	257.03625 48828125	0.0		45.050550			105 00100	0.0	34.044425 96435547	11.203783 98895263 7	966.9	196.227	2385	2329	2379		2022-08- 11T12:41: 45	37.8	20220811-13
7201	reeling_ex change	233.32418 82324218 8	45.956069 94628906	9.1756963 7298584	0.0	0.0	2.9030361 17553711	684.27770 99609375	413.90734 86328125	236.91627 50244140 6	0.0	41.609020 2331543					0.0	31.417860 03112793	10.331820 48797607 4	945.8	186.876	2286	2221	2274	2022-08- 11T10:43: 55	2022-08- 11T11:41: 37	37.5	20220811-12
7200	nw_sup_c hange																			943.1	185.165	0	2321	2373		2022-08- 11T11:41: 17	37.1	
7199	nw_inf_ch ange																			942.3	184.754	0	2320	2371	2022-08- 11T11:41: 10	2022-08- 11T11:41: 10	37.3	
7198	reeling_ex change	215.11636 35253906 2	42.447132 1105957	8.4524831 77185059	0.0	0.0	2.6790218 35327148 4	628.82800 29296875	380.36874 38964844	217.71371 45996093 8	0.0	38.173942 56591797	12.722637 17651367 2	528.42285 15625	361.34161 37695312 5	165.88072 20458984 4	0.0	28.856571 19750976 6	9.4564218 52111816	968.7	194.424	2386	2321	2373	2022-08- 11T09:43: 47	2022-08- 11T10:43: 55	37.4	20220811-11
7197				7.6511521 3394165		0.0	2.4347152 70996093 8	570.79107 66601562	345.25473 02246094	197.60986 328125	0.0	34.613956 45141601 6	11.561151 50451660 2	479.68835 44921875	328.10049 43847656	150.58816 52832031 2	0.0	26.234712 60070800 8	8.5735893 24951172	968.3	197.611	2385	2329	2384	2022-08- 11T08:43: 40	2022-08- 11T09:43: 47	37.5	20220811-10
7196				6 9610506		0.0	2.1910145 28274536	512.07397 4609375	309.73715 20996094	177.28956 60400390 6	0.0	31.034038 54370117 2	10.383903 50341796 9	430.70629 8828125	294.62640 38085937 5	135.20693 96972656 2	0.0	23.550025 93994140 6	7.7128129 00543213	963.4	198.134	2359	2295	2345	2022-08- 11T07:44: 12	2022-08- 11T08:43: 40	37.2	20220811-09
7195	nw_sup_c hange																			959.5	195.697	0	2320	2371	2022-08- 11T08:43: 09	2022-08- 11T08:43: 09	37.8	
7194	nw_inf_ch ange																			958.6	195.359	0	2320	2371	2022-08- 11T08:43: 04	2022-08- 11T08:43: 04	37.5	
7193	reeling_ex change	155.01081 84814453	30.538631 43920898 4	6.0723814 96429443	0.0	0.0	1.9398663 04397583	454.27795 41015625	274.78494 26269531	157.28781 12792968 8	0.0	27.528245 92590332	9.1969413 75732422	381.81582 64160156	261.19692 99316406	119.84779 35791015 6	0.0	20.859762 19177246	6.8148932 45697021 5	975.7	198.157	2385	2320	2371	2022-08- 11T06:44: 03	2022-08- 11T07:44: 12	37.1	20220811-08
7192	reeling_ex change	135.69438 17138672	26.721618 65234375	5.3156304 35943603 5	0.0	0.0	1.6991176 60522461	395.25366 2109375	239.09083 55712890 6	136.84190 36865234 4	0.0	23.964855 19409179 7						18.167884 82666015 6	5.9461102 48565674	974.3	196.143	2385	2331	2377	2022-08- 11T05:43:		37.7	20220811-07
7191				4.5543341 63665771 5		0.0	1.4577625 98991394	337.20385 7421875	203.97369 38476562 5	116.74139 40429687 5	0.0	20.461231 23168945 3						45 500444	5.0787277 22167969	963.4	196.563	2366	2302	2353	2022-08-		37.8	20220811-06
7190	nw_sup_c hange																			959.5	193.152	0	2320	2371	2022-08-	2022-08- 11T05:43:	37.2	
7189	nw_inf_ch ange																			958.6	192.655	0	2316	2370	2022-08-	2022-08- 11T05:43:	37.2	
7188	reeling_ex change	96.329833 984375		3.7669460 77346801 8	0.0	0.0	1.2043880 22422790 5	278.81137 08496094	168.65435 79101562 5	96.533981 32324219	0.0	16.932479 85839843 8	5.6857643 12744141	233.69961 54785156 2	160.19551 08642578	73.339775 08544922	0.0	12.842097 28240966 8	4.1805238 72375488	966.5	198.409	2385	2320	2371	2022-08- 11T03:44:		37.7	20220811-05
																										•		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7187			14709472	2.9647772 31216430 7	0.0	0.0			133.23928 83300781 2	76.249244 6899414	0.0	2	07043457		8	6			3.3110969 06661987 3	968.7	197.696	2385	2327	2374	2022-08- 11T02:44: 02	2022-08- 11T03:44: 08	37.4	20220811-04
7186	reeling_ex change	04402107	10.808130 26428222 7	2.1787979 60281372	0.0	0.0	0.6968060 13584137	161.80502 31933593 8	97.882156 37207031	56.016437 53051758	0.0	9.7915058 13598633	3.3196675 77743530 3	134.78268 43261718 8	92.753379 82177734	42.287067 41333008	0.0	7.3810839 65301514	2.4115326 40457153 3	958.6	194.107	2364	2296	2349	2022-08- 11T01:44: 25	2022-08- 11T02:44: 02	37.7	20220811-03
7185	nw_inf_ch ange																			953.7	191.212	0	2324	2375	2022-08- 11T02:43: 26	2022-08- 11T02:43: 26	37.5	
7184	nw_sup_c hange																			953.7	191.13	0	2324	2375	2022-08- 11T02:43: 25	2022-08- 11T02:43: 25	37.1	
7183		35.339824 67651367			0.0	0.0	0.4439192 71230697 63	102.93535 61401367 2	62.276168 82324219	35.640121 45996094	0.0	6.2210373 878479	2.1232271 19445801	85.655715 94238281	58.962669 37255859 4	26.872083 66394043	0.0	4.7188539 50500488	1.5397424 69787597 7	968.2	197.611	2385	2316	2370	2022-08- 11T00:44: 17	2022-08- 11T01:44: 25	37.8	20220811-02
7182	reeling_ex change	6	93542480 5	11007690 4		0.0	0.1822198 03333282 47	44.320659 63745117	26.827308 65478515 6	15.355767 25006103 5	0.0	2.7152197 36099243	0.9219027 75764465 3	36.724044 79980469	25.395742 41638183 6	11.525111 19842529 3	0.0		0.6603537 79792785 6	965.6	198.241	2385	2321	2373	2022-08- 10T23:44: 11	2022-08- 11T00:44: 17	37.1	20220811-01
7181	reeling_ex change	460.78509 52148437 5	91.928276 06201172	17.961996 07849121	0.0	0.0	5.7491741 18041992				0.0	79.218383 7890625	26.306545 25756836	1077.0910 64453125	776.12384 03320312	345.08441 16210937 5	0.0	59.914043 42651367	19.732675 55236816 4	955.2	195.305	2329	2261	2316	2022-08- 10T22:45: 26	2022-08- 10T23:44: 11	37.2	20220810-25
7180	nw_sup_c hange																			948.4	191.776	0	2324	2375	2022-08- 10T23:43: 35	2022-08- 10T23:43: 35	37.3	
7179	nw_inf_ch ange																			947.6	191.44	0	2323	2375	2022-08- 10T23:43: 30	2022-08- 10T23:43: 30	37.5	
7178	reeling_ex change	441.14114 37988281	88.129531 86035156	17.196537 01782226 6	0.0	0.0	30131123	0903120	40023	433.06085 20507812 5		75.781524 65820312						57.256629 94384765 6	06298828	963.8	198.157	2385	2324	2375	2022-08- 10T21:45: 18	2022-08- 10T22:45: 26	37.7	20220810-24
7177		420.75036 62109375			0.0	0.0	00793457	4453125	511/18/5			72.285491 94335938						03340203	17.976945 87707519 5	962.6	197.696	2385	2327	2376	2022-08- 10T20:45: 12	2022-08- 10T21:45: 18	37.2	20220810-23
7176	reeling_ex change	400.35342 40722656	80.181388 85498047	15.607405 66253662 1	0.0	0.0	4.9912610 05401611	1107.9886 47460937 5	702.02099 609375	392.51492 30957031	0.0	68.672843 93310547	22.745710 37292480 5	929.87316 89453125	674.15686 03515625	298.88015 74707031	0.0	51.867107 39135742	17.064884 18579101 6	960.4	192.575	2353	2284	2340	2022-08- 10T19:45: 52	2022-08- 10T20:45: 12	37.0	20220810-22
7175	nw_sup_c hange																			954.6	191.619	0	2323	2375	40	10T20:44: 40	37.4	
7174	nw_inf_ch ange																			953.7	191.288	0	2318	2369	35	10T20:44: 35	37.6	
7173	reeling_ex change	379.63073 73046875	76.110595 703125	7	0.0	0.0	4.7399106 0256958					65.164237 97607422						43530273 4	16.184234 61914062 5	963.0	195.052	2385	2323	2375	43	10T19:45: 52	37.2	20220810-21
7172	change	358.63528 44238281	2006836	5		0.0	4.4796042 44232178	991.44384 765625	631.51428 22265625	352.17745 97167969	0.0	61.606048 58398437 5						46313476 6	15.338556 28967285 2	962.1	192.41	2385	2326	2377	37	10T18:45: 43	37.9	20220810-20
7171	reeling_ex change	337.70639 03808594	67.970169 06738281	13.159997 94006347 7	0.0	0.0	4.2183132 17163086	934.15911 86523438	596.85101 31835938	332.34457 39746094	0.0	58.161849 97558594	19.259931 56433105 5	784.45996 09375	573.07183 83789062	253.24298 09570312 5	0.0		14.433403 96881103 5	947.1	185.403	2342	2273	2325	33	10T17:45: 37	37.7	20220810-19
7170	nw_sup_c hange																			943.1	186.99	0	2318	2369	07	10T17:45: 07	37.1	
7169	nw_inf_ch ange																			942.7	186.827	0	2321	2383	03	10T17:45: 03	37.0	
7168	criarige	5	40020123	41//2401		0.0	6	72203023	00007100			54.672248 84033203						41.274467 46826172	6		188.841	2386	2318	2369	25	10T16:46: 33	37.4	20220810-18
7167		297.37179 56542969				0.0	7	44140625	0625			07040000	34037401	689.00030 51757812	5	8		01010100			191.152	2385	2341	2386	19	10T15:46: 25	37.3	20220810-17
7166	reeling_ex change	277.02084 35058594	56.047386 16943359 4	10.774600 0289917	0.0	0.0	3.4646553 99322509 8	761.64062 5	492.43429 56542969	272.59573 36425781	0.0	47.662929 53491211	15.789916 03851318 4	640.82983 3984375	473.25515 74707031	208.13032 53173828	0.0	36.005233 76464844	11.853767 39501953 1	949.3	189.627	2387	2321	2383	06	10T14:46: 19	37.1	20220810-16
7165	nw_sup_c hange																			944.9	188.157	0	2321	2371	44	10T14:45: 44	37.3	
7164	nw_inf_ch ange																			944.9	188.077	0	2321	2371	2022-08- 10T14:45: 43	2022-08- 10T14:45: 43	37.3	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7163	reeling_ex change	256.86196 89941406	52.060729 98046875	9.9797525 40588379	0.0	0.0	3.2163176 53656006	704.59484 86328125	457.91156 00585937 5	252.82084 65576172	0.0	44.169986 72485351 6	14.637316 70379638 7	592.72406 00585938	439.74145 5078125	193.02116 39404297	0.0	33.398334 50317383	10.975922 58453369 1	958.1	199.877	2385	2321	2383	2022-08- 10T12:45: 59	2022-08- 10T13:46: 06	37.1	20220810-15
7162	reeling_ex change	5	343/011/	9.1821908 95080566		0.0	2.9619581 69937134	646.92431 640625	423.00323 48632812 5	232.83876 03759765 6	0.0	40.677288 05541992						62304687 5	10.096713 06610107 4	964.9	192.492	2385	2334	2388	2022-08- 10T11:45: 53	2022-08- 10T12:45: 59	37.1	20220810-14
7161	reeling_ex change	216.30834 9609375	44.107154 84619140 6	8.3740615 84472656	0.0	0.0	2.7068722 24807739 3	589.54809 5703125	388.29589 84375	212.97303 77197265 6	0.0	37.188816 07055664	12.323371 88720703 1	496.01022 33886719	372.51571 65527344	162.64868 1640625	0.0	28.078462 60070800 8	9.2472581 86340332	959.0	187.409	2349	2284	2336	2022-08- 10T10:46: 38	2022-08- 10T11:45: 53	37.0	20220810-13
7160	nw_sup_c hange																			952.4	179.656	0	2321	2371	2022-08- 10T11:45: 20	2022-08- 10T11:45: 20	37.8	
7159	nw_inf_ch ange																			951.5	179.549	0	2320	2373	2022-08- 10T11:45: 14	2022-08- 10T11:45: 14	36.9	
7158	reeling_ex change	2	4	30917230	0.0	0.0	5	0120	3703123	193.24989 31884765 6		33.698867 79785156					0.0	03307071	8.3980636 59667969		193.415	2385	2321	2371	30	10T10:46: 38	37.3	20220810-12
7157	onango		4	5		0.0				173.11270 14160156 2	0.0	08007812 5	96063232 4	43945312 5	305.93414 30664062 5	02929687 5		21000001	7.5481529 23583984		193.669	2385	2333	2380	24	10T09:46: 30	37.1	20220810-11
7156	reeling_ex change	156.40692 13867187 5	32.498222 35107422	6.0270352 36358643	0.0	0.0			284.08404 54101562 5	153.32664 48974609 4	0.0	26.720205 30700683 6	8.8454008 102417	352.14535 52246094	272.46136 47460937 5	117.43073 27270507 8	0.0	20.219884 87243652 3	6.6973628 99780273	967.4	193.446	2390	2322	2376	08	10T08:46: 24	37.1	20220810-10
7155	nw_sup_c hange																			963.8	192.811	0	2320	2373	54	10T08:45: 54	37.5	
7154	nw_inf_ch ange		20 527507					250 42206				22 467909		202 20702	220 00502	100 11107		17 500 400		963.0	192.4	0	125	128	47	10T08:45: 47	37.5	
7153	reeling_ex change	2	4	5.2247605 3237915		0.0				133.24694 82421875		6	20070221	5	238.90582 27539062 5	9		3	5.8139219 28405762		196.311	2385	2320	2373	2022-08- 10T06:46 2022-08-	08		20220810-09
7152	reeling_ex change	4	7	4.4742164 61181641	0.0	0.0				113.49631 50024414		19.739973 06823730 5					0.0		4.9285202 02636719		193.751	2386	2335	2379	10T05:45: 53	2022-08- 10T06:46 2022-08-	37.5	20220810-08
7151		95.500984 19189453	34143066 4	3.7045876 97982788	0.0	0.0	85050964 4	31152343 8	24414062 5	93.382514 95361328	0.0	16.185918 8079834	5.3342690 46783447	38818359 4	86914062 5	71.572357 17773438	0.0	12.250989 91394043	4.0128870 01037598	899.5	171.984	2048	1989	2037		10T05:45: 53	37.2	20220810-07
7150	nw_sup_c hange																			895.1	170.541	0	125	128		10T05:45: 27	37.4	
7149	nw_inf_ch ange		47 400705	2.0454420			0.9991852	195.29124	149.73724	70 407504		13.197991	4.0557404	404 05454	143.16967	50.204672		0.0044000	3.2510972	894.7	170.117	0	2371	2360	10T05:45: 21 2022-08-	10T05:45: 21 2022-08-		
7148	change	78.997535 7055664 77.781883 2397461	41009002	90432493		0.0	0.0000741	102 04205	147 77050	22070312	0.0	5	3583374	00010020	1134315	393/9883			3.2510972 02301025 4		9.29446	131	125	128	10T04:50: 59	10T04:54: 20 2022-08-	37.1	20220810-06
7147	change reeling_ex	FO 4000FO	40.040700			0.0	3 0.7530820	5 137.42491	5 114.72590	56.362003		12.972997 66540527 3						33303040	3.2205948 82965088 2.3962872		182.217		2133	2182	38 2022-08-			20220810-05
7146	change	4	4	85406494	0.0	0.0	7 0.5064626	4	1	32641601 0 6 37.341743		9.6520919 79980469			29467773 4 77.907974			4.7250752	1.5683780		183.29		2148	2191	56 2022-08-			20220810-04
7145	change	39.940132 14111328 24.662321	6 /193773	0.9991306		0.0	7	21820172	20410010	40923828		21020000	93001499	3913000	24310400	77709901		5	90858459 5 1.1692597 86605835		46.4753	565	555	566	53 2022-08-			20220810-03
7144	change	2	9944458	66255950 9	0.0	0.0	96974945 07	6887207	71484375	28.063459 39636230 5	0.0	13012695	15374755 9	37036133	62.528259 27734375	7923584	0.0	8147583	86605835		209.668		2364	2358	24 2022-08-	10T01:06: 53 2022-08-		20220810-02
7143	hange																			76.0	208.794		122	122	13 2022-08-	10T01:07: 13 2022-08-		
7142	hange	6.1853704	1.6156191	0.2417462			0.0837346	12.909618	14.919343	6.4378929		1.0796769 85740661 6	0.3655578	10.901919	14.264983	4.9602651			0.2461622	76.0	208.794		122	122	13 2022-08-	10T01:07: 13 2022-08-		
7141	criarige	43231403	0230007	2		0.0	5	7	8	13818359		1.0796769 85740661 6 97.308586						8 74 274000	95341491 7 24.469717 02575683		208.323		2371	2360	53 2022-08-	10T00:14: 24 2022-08-		20220810-01
7140	change	521.83972 16796875	53222656 2	72009277 3	0.0	0.0	40936279	9453125	8046875	5859375	0.0	12060547	65625	61328125	72265625	44140625	0.0	97314453	02575683 6	956.8	210.764	2390	2375	2368	09T22:29: 23	09T23:21: 53	42.5	20220809-30

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7139	reeling_ex change	501.63748 16894531	129.99125 67138672	20.169258 11767578	0.0	0.0	6.5603437 42370605 5	1127.6038 81835937 5	1302.8127 44140625	562.99053 95507812	0.0				1263.4421 38671875		0.0	71.497947 6928711	23.546625 1373291	933.9	200.162	2282	2263	2254	2022-08- 09T21:39: 22	2022-08- 09T22:29: 23	43.3	20220809-29
7138	nw_sup_c hange																			929.9	200.12	0	122	122	2022-08- 09T22:28: 57	2022-08- 09T22:28: 57	42.5	
7137	nw_inf_ch ange																			929.0	199.961	0	2367	2364	2022-08- 09T22:28: 52	2022-08- 09T22:28: 52	43.4	
7136	reeling_ex change	482.82482 91015625	125.11519 62280273 4	19.411268 23425293	0.0	0.0	6.3073167 80090332	1085.7557 37304687 5	1254.4672 8515625	542.09716 796875	0.0	90.209304 80957031	30.063552 85644531 2	924.18078 61328125	1217.0372 31445312 5	418.69509 88769531	0.0	68.831207 27539062	22.681224 82299804 7	211.8	8.94961	123	122	122		2022-08- 09T21:39: 22	42.8	20220809-28
7135	reeling_ex change	481.32717 89550781	124.72869 87304687 5	19.352695 46508789	0.0	0.0	6.2886466	1083.3623		540.89715		90.038879 39453125	30.002872 46704101 6	922.09143 06640625	1214.3472 90039062 5	417.76654 05273437 5	0.0	68.710296 63085938	22.650276 18408203	956.8	211.022	2389	2370	2360	2022-08- 09T20:44	2022-08- 09T21:36: 30	43.2	20220809-27
7134	reeling_ex change	462.03479 00390625	119.68954 46777343 8	18.566358 56628418	0.0	0.0	6.0384416 58020019 5	1039.6571 04492187 5	1201.2078 85742187 5	519.09045 41015625	0.0	86.410026 55029297	28.785579 68139648 4	884.69183 34960938	1165.4753 41796875	400.82839 96582031	0.0	65.887748 71826172	21.720312 11853027 3	957.0	208.403	2389	2372	2365	2022-08- 09T19:51: 30	2022-08- 09T20:44	42.4	20220809-26
7133	reeling_ex change	442.82980 34667969	114.69934 84497070 3	17.785596 84753418	0.0	0.0	5.7973113 05999756	995.88580 32226562	1150.6663 81835937 5	497.23663 33007812 5	0.0	82.781860 3515625	27.563123 70300293	847.77478 02734375	1117.1936 03515625	384.11178 58886719	0.0		20.819339 75219726 6	952.7	208.94	2396	2373	2371	2022-08- 09T18:58: 49	2022-08- 09T19:51: 30	42.6	20220809-25
7132	nw_sup_c hange																			944.0	209.681	0	2366	2364	2022-08- 09T19:51	2022-08- 09T19:51	43.4	
7131	nw_sup_c hange																			944.0	209.681	0	2366	2364	2022-08- 09T19:51	2022-08- 09T19:51	43.4	
7130	reeling_ex change	422.90921 02050781	109.54345 703125	16.989223 48022461	0.0	0.0	5.5327792 16766357	951.34582 51953125	1099.1966 55273437 5	474.99896 24023437 5	0.0	79.101539 6118164	26.309732 43713379	810.22442 62695312	1068.0728 75976562 5	367.09967 04101562 5	0.0		19.884601 59301757 8	944.9	210.853	2389	2367	2364		2022-08- 09T18:58: 49	42.6	20220809-24
7129	reeling_ex change	402.65097 04589844	104.32911 68212890 6	16.183023 45275879	0.0	0.0	5.2577509 88006592	907.27783 203125	1048.2805 17578125	453.00155 63964844	0.0	75.469070 43457031	25.092601 77612304 7	772.92968 75	1019.1932 98339843 8	350.20419 31152344	0.0	57.583919 52514648 4	18.981941 22314453	949.3	213.047	2389	2372	2369	2022-08- 09T17:13: 50	2022-08- 09T18:06: 20	43.4	20220809-23
7128	reeling_ex change	382.55612 18261719	99.150405 88378906	15.381681 44226074 2	0.0	0.0	4.9962916 37420654	863.55914 30664062	997.78021 24023438	431.17343 13964844	0.0	71.791915 89355469	23.874464 03503418	736.06744 38476562	970.89758 30078125	333.50613 40332031	0.0		18.049379 34875488 3	935.7	208.978	2367	2345	2343		2022-08- 09T17:13: 50	42.4	20220809-22
7127	nw_inf_ch ange																			930.8	206.503	0	2366	2362	2022-08- 09T17:13: 18	2022-08- 09T17:13: 18	43.1	
7126	nw_sup_c hange																			930.8	206.414	0	2366	2362		2022-08- 09T17:13: 17	43.2	
7125	reeling_ex change	362.86471 55761719	94.067245 48339844	14.585063 93432617 2	0.0	0.0	4.7395725 25024414	819.70294 18945312	947.10522 4609375	409.27151 48925781	0.0	68.129287 71972656	22.654695 51086425 8	698.86114 50195312		316.65216 06445312 5	0.0	52.071720 12329101 6	17.148248 67248535	941.4	209.668	2389	2366	2364	2022-08- 09T15:29: 16	2022-08- 09T16:21: 46	42.6	20220809-21
7124	reeling_ex change	342.65020 75195312 5	88.792961 12060547	13.771394 72961425 8	0.0	0.0	4.4745321 27380371	775.93133 54492188	896.54101 5625	387.42071 53320312 5	0.0	64.463806 15234375	21.437503 81469726 6	662.00531 00585938	873.56567 3828125	299.96469 11621094	0.0	49.311889 6484375	16.252506 25610351 6	940.5	211.781	2390	2369	2366		2022-08- 09T15:29: 16	42.5	20220809-20
7123	reeling_ex change	323.44964 59960937 5	83.802894 59228516	13.003022 19390869 1	0.0	0.0			846.62646 484375	365.83386 23046875	0.0	60.865325 92773437 5	20.260578 15551757 8	625.01916 50390625	824.86315 91796875	283.20117 1875	0.0	46.545333 86230469	15.336062 43133545	922.9	202.56	2287	2266	2262	2022-08- 09T13:46: 28	2022-08- 09T14:36: 46	43.3	20220809-19
7122	nw_sup_c hange																			919.3	201.017	0	2366	2362		2022-08- 09T14:36: 21	43.4	
7121	nw_inf_ch ange																			918.0	199.1	0	2357	2354	2022-08- 09T14:36: 15	2022-08- 09T14:36: 15	43.1	
7120	reeling_ex change	304.57223 51074219	78.888641 35742188	12.229697 22747802 7	0.0	0.0	3.9783623 21853637 7	690.52685 546875	797.86407 47070312	344.75918 57910156	0.0	57.343688 96484375	19.097278 59497070 3	589.15789 79492188	777.56903 07617188	266.93246 45996094	0.0		14.457161 90338134 8	946.2	211.312	2389	2366	2362		2022-08- 09T13:46: 28	43.2	20220809-18
7119	reeling_ex change	285.68939 20898437 5	74.018829 34570312	11.472807 88421630 9	0.0	0.0	3.7289063 93051147 5	646.92376 70898438	747.49102 78320312	322.97277 83203125	0.0	53.722400 6652832	17.888072 96752929 7	552.31152 34375	728.98376 46484375	250.22027 58789062 5	0.0	41.129386 90185547	13.551509 85717773 4	230.4	11.1473	145	143	143	2022-08- 09T12:50: 46	2022-08- 09T12:54: 07	42.8	20220809-17
7118				11.395298 95782470 7		0.0	3.7021188 73596191 4	644.25317 3828125	744.40118 40820312	321.63931 27441406	0.0	53.499332 42797851 6	17.829376 22070312 5	549.84155 2734375	725.78253 17382812	249.12367 24853515 6	0.0	40.948047 63793945	13.491237 64038086	948.5	212.788	2389	2367	2365	2022-08- 09T11:58: 16	2022-08- 09T12:50: 46	43.1	20220809-16
7117	reeling_ex change	264.04699 70703125	68.453338 62304688	10.599700 92773437 5	0.0	0.0	3.4521913 52844238 3	600.24542 23632812	693.57379 15039062	299.67120 36132812 5	0.0	49.815731 04858398 4	16.602710 72387695 3	512.75701 90429688	676.82128 90625	232.31318 66455078	0.0	50537109	12.587381 36291503 9	967.8	219.854	2480	2456	2455	09T11:03:	2022-08- 09T11:58: 16	42.7	20220809-15
7116	nw_sup_c hange																			959.9	217.096	0	2357	2354	2022-08- 09T11:57: 25	2022-08- 09T11:57: 25	43.4	
7115	nw_inf_ch ange																			959.5	216.736	0	2359	2359		2022-08- 09T11:57: 20	42.5	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7114	reeling_ex change	244.11929 32128906 2	63.349010 4675293	9.7958574 29504395	0.0	0.0	3.1852614 87960815 4	554.54339 59960938	640.78338 62304688	276.86676 02539062 5	0.0					214.71112 06054687 5		35.302612 3046875	11.623442 64984130 9	947.6	210.627	2380	2357	2354	2022-08- 09T10:11: 29	2022-08- 09T11:03: 45	42.4	20220809-14
7113	change	83154297	07299805	9.0356702 80456543	0.0	0.0	2.9349362 85018921	510.94873 046875	590.41839 59960938	255.12872 31445312 5	0.0	42.399337 76855469	14.130270 95794677 7	436.74005 12695312 5	576.51824 95117188	197.88256 8359375	0.0	49169922	10.722297 66845703 1		209.792	2378	2356	2352	2022-08- 09T09:19: 18	2022-08- 09T10:11: 29	42.6	20220809-13
7112	reeling_ex change	205.77919 00634765 6	53.335094 4519043	8.2446460 72387695	0.0	0.0	2.6819736 95755005	467.49633 7890625	540.22723 38867188	233.44578 55224609 0	0.0	38.814678 19213867	12.939735 41259765 6	400.26223 75488281	528.26416 015625	181.33222 96142578	0.0	29.778310 77575683 6	9.8223886 48986816	920.7	198.062	2243	2233	2234	2022-08- 09T08:30: 03	2022-08- 09T09:19: 18	43.4	20220809-12
7111	nw_sup_c hange																			916.7	199.045	0	2359	2359	2022-08- 09T09:18: 55	2022-08- 09T09:18: 55	42.7	
7110	nw_inf_ch ange																			915.8	196.645	0	2358	2358	49	09T09:18: 49	42.4	
7109				7.5164699 55444336		0.0	0000271	40204070	01171075			6	2	00000701	13703331			8	8.9816904 06799316		207.347	2370	2359	2359	13	09T08:30: 03	42.5	20220809-11
7108		-		6.7656135 55908203		0.0				191.10478 21044922						148.84750 36621093 8	0.0	10000100	8.0785999 2980957		13.9644	177	176	176	11	09T07:38: 13	43.2	20220809-10
7107				6.6765713 69171143		0.0	18295288	953125	64453125		0.0	41308593	67102050		59570312	147.56651 30615234 4	0.0		8.0182247 16186523		207.645	2369	2360	2360	14	09T07:34: 11	42.8	20220809-09
7106	reeling_ex change	148.95890 80810547	38.587203 97949219	5.9402828 21655273	0.0	0.0	1.9383064 50843811	336.33721 92382812 5	388.69525 14648437 5	167.97738 64746093 8	0.0			289.00424 19433594		130.94030 76171875	0.0	21.462041 8548584	7.1100125 31280518	953.3	209.169	2401	2391	2391	32	09T06:42: 14	42.9	20220809-08
7105	nw_sup_c hange																			950.2	209.12	0	2358	2358	56	09T06:41: 56	43.2	
7104	nw_inf_ch ange	100 00001	00.545000				4 0000070		000 50750	440,00000		0.4.000705		051 00010		440.00754				949.3	206.198	0	2359	2359	50	09T06:41: 50	42.7	
7103	reeling_ex change	6	6	13030010	0.0	0.0				146.32003 78417968 8						113.99754 33349609 4		107 1337 9			206.971	2369	2358	2358	34	09T05:49: 32	43.4	20220809-07
7102				4.3776779 17480469		0.0			98632812 5 239.08424	124.78152 46582031 2	0.0	20.808916 09191894 5						9	36669922	946.7	208.643	2369	2364	2364	2022-08- 09T04:05: 36 2022-08-	09T04:57: 34	42.6	20220809-06
7101		91.696334 83886719	18457031 2	3.6254408 35952759	0.0	0.0			37744140	45581054 C	0.0	74072265 6	5.7248845 10040283	88964843 8	24707031 2	80.699516 29638672	0.0	50238037	4.3990964 88952637	952.2	211.061	2367	2356	2356	09T03:13: 41 2022-08-	09T04:05: 36	42.5	20220809-05
7100	nw_inf_ch ange																			944.9	209.645	0	2222	2218		09T04:05: 13	43.3	
7099	nw_inf_ch ange		19 613633									13 648001			195 42210			10 //20722	3.4852638	944.9	209.645	0	2222	2218		09T04:05: 13	43.3	
7098				2.8318486 21368408		0.0	5/63/6//	78857422	2/343/5	81.865180 96923828 59.896240		13.648091 31622314 5	4.5419273 37646484	140.81745 91064453	38818359 4	63.807060 24169922	0.0	14721679 7	24462890 6		211.451	2370	2359	2359		09T03:13: 41	43.2	20220809-04
7097				2.0969669 81887817 4		0.0	9	2	2	234373			•	•	-	46.833904 26635742	0.0	0200000	1 6367042	952.5	211.242	2370	2364	2365		09T02:21: 41	43.2	20220809-03
7096	reeling_ex change	33.520900 72631836	8.6961736 67907715	1.3161580 56259155 3	0.0	0.0	54084396 36	76.321647 64404297	88.207481 38427734	38.122100 83007812 5	0.0	6.3742365 83709717	34759521 5	65.685516 35742188	86.420448 30322266	29.747598 64807129	0.0	4.8235402 10723877	06466674	948.7	212.915	2370	2364	2360		09T01:29: 42	42.4	20220809-02
7095	nw_sup_c hange																			944.0	212.506	0	2222	2218		09T01:29: 15	43.2	
7094	nw_inf_ch ange	14.636568	3.7980706	0.5783776			0.1830509					2.7314257		28.054758		12.706550		2.0137672	0.6739943	943.6	212.139	0	2361	2364		09T01:29: 09	43.4	
7093	criarige	8	3	0.5783776 04484558 1 20.179161		0.0				16.286546 70715332		2.7314257 62176513 7						42431640 6	62354278 6		202.96	2228	2222	2218	08T23:48: 50 2022-08-	09T00:37: 45	42.4	20220809-01
7092	reeling_ex change	531.39599 609375	45458984 4 115.37884	20.179161 07177734 4 19.458587	0.0	0.0	C F4CC407	4405 4000		581.05651 85546875	0.0					455.81384 27734375			24.402395 24841308 6		198.047	2230	2228	2225	08T23:00: 05	08T23:48: 50	42.7	20220808-30
7091	reeling_ex change	513.53735 3515625	52148437 5	19.458587 64648437 5	0.0	0.0	23052978 5	48632812 5	1268.7485 3515625	560.52050 78125	0.0	92.005676 26953125	96411132 8	954.11175 53710938	02539062	439.75167 84667969	0.0	70.932968 13964844	23.535833 35876465	377.8	30.6073	362	363	327		08T23:00: 05	43.0	20220808-29

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7090		508.00051 87988281	113.93638 61083984 4	19.244356 15539550 8	0.0	0.0	6.4527468 68133545	1097.7879 63867187 5	1259.8666 9921875	556.65972 90039062	.0	91.376296 99707031	30.214063 64440918	947.80450 43945312	1224.7781 98242187 5	436.90484 61914062 5	0.0	70.507003 78417969		950.7	212.811	2384	2376	2357	2022-08- 08T21:48: 46	2022-08- 08T22:41: 16	43.2	20220808-28
7089	nw_inf_ch ange																			947.1	212.083	0	2348	2362	2022-08- 08T22:40: 55	2022-08- 08T22:40: 55	43.3	
7088	nw_sup_c hange																			947.1	211.783	0	2348	2362	2022-08- 08T22:40: 53	2022-08- 08T22:40: 53	43.3	
7087	reeling_ex change	488.31338 50097656	108.80222 32055664	18.470571 51794433 6	0.0	0.0				534.38665 77148438 0		87.661499 0234375	28.987890 24353027 3	910.02691 65039062	1175.0726 31835937 5	419.77993 77441406	0.0	67.646804 80957031	22.441631 31713867 2	947.1	215.165	2369	2361	2364	2022-08- 08T20:56: 47	2022-08- 08T21:48: 46	42.6	20220808-27
7086	reeling_ex change	468.75170 8984375	103.73245 23925781 2	17.702318 19152832	0.0	0.0	5.9344563 48419189 5	1009.3457 03125	1157.6767 578125	512.52392 578125 0	.0	84.056762 6953125	27.786222 45788574 2	872.38378 90625	1125.5384 52148437 5	402.70166 015625	0.0	64.858901 97753906	21.534944 53430175 8	945.8	213.158	2369	2364	2368	2022-08- 08T20:04: 52	2022-08- 08T20:56: 47	42.7	20220808-26
7085	reeling_ex change	449.43954 46777344	98.739608 76464844	16.942567 82531738 3	0.0	0.0			1107.0957 03125		.0	80.408477 78320312	26.570457 45849609 4	834.61499 0234375	1075.8261 71875	385.58053 58886719	0.0	62.017700 1953125	20.590318 67980957	931.1	201.717	2251	2229	2241	2022-08- 08T19:15: 28	2022-08- 08T20:04: 52	42.7	20220808-25
7084	nw_sup_c hange																			920.2	198.21	0	2348	2362	2022-08- 08T20:04: 25	2022-08- 08T20:04: 25	43.1	
7083	nw_inf_ch ange																			919.8	197.85	0	2359	2358	2022-08- 08T20:04: 21	2022-08- 08T20:04: 21	42.4	
7082	change	431.02648 92578125	47363281	4		0.0				469.78668 21289062 0 5				798.77307 12890625				59.361816 40625	19.706745 14770507 8	947.2	212.329	2369	2348	2362	2022-08- 08T18:23: 38	2022-08- 08T19:15: 28	43.2	20220808-24
7081	reeling_ex change	410.55264 28222656	88.706695 55664062	15.432446 47979736 3	0.0	0.0	5.1664252 28118896 5	879.67883 30078125	1007.8560 79101562 5	447.75570 67871094 0	.0	73.227127 07519531	24.228214 26391601 6	761.16912 84179688	979.11083 984375	352.26358 03222656	0.0	57592773	18.789352 41699218 8	252.6	13.2508	172	170	171	2022-08- 08T18:19: 44	2022-08- 08T18:23: 38	42.5	20220808-23
7080	reeling_ex change	409.59249 87792969	88.458335 87646484	15.394041 06140136 7	0.0	0.0	5.1571545 60089111	876.05706 78710938	1003.6691 89453125	445.95159 91210937 0 5	.0	72.941726 68457031	24.107013 70239257 8	758.05047 60742188	975.05853 27148438	350.86956 78710937 5	0.0	56.357830 04760742	18.723918 91479492 2	945.4	212.706	2369	2351	2367	2022-08- 08T17:27: 46	2022-08- 08T18:19: 44	42.7	20220808-22
7079	reeling_ex change	389.00378 41796875	83.133560 18066406	14.590416 90826416	0.0	0.0	4.890625	831.95367 43164062	952.72521 97265625	423.91751 09863281	.0	69.232391 35742188	22.889459 60998535	720.31994 62890625	925.28363 03710938	333.74328 61328125	0.0	50585937	17.779827 11791992 2	956.7	213.351	2396	2388	2378	2022-08- 08T16:34: 51	2022-08- 08T17:27: 46	42.7	20220808-21
7078	nw_sup_c hange																			948.4	210.218	0	2359	2358	2022-08- 08T17:27: 22	2022-08- 08T17:27: 22	43.0	
7077	nw_inf_ch ange																			947.6	210.07	0	1379	1382	2022-08- 08T17:27: 17	2022-08- 08T17:27: 17	43.3	
7076	criarige	23040073	34003300	4		0.0	32659912	27929688	900.58795 16601562	00292969	.0	52441406	97265625	682.09808 34960938	40039062	90625		50.713062 28637695	16.845697 4029541	951.4	211.075	2369	2359	2358	2022-08- 08T15:42: 33	2022-08- 08T16:34: 51	43.3	20220808-20
7075				13.031635 28442382 8	0.0	0.0	4.3699817 6574707	742.52819 82421875	849.38146 97265625	379.25405 88378906 0	.0		20.462461 47155761 7	644.33184 81445312	824.81854 24804688	299.25585 9375	0.0	47.935588 83666992	15.922215 46173095 7	944.5	213.96	2369	2364	2360	2022-08- 08T14:50: 21	2022-08- 08T15:42: 33	43.4	20220808-19
7074	reeling_ex change	329.32550 04882812 5	67.728401 18408203	12.253822 32666015 6	0.0	0.0	4.1131587 02850342	698.38641 35742188	798.36553 95507812	357.20086 66992187 0 5	.0	58.076198 57788086	19.231462 47863769 5	606.37316 89453125	774.56158 44726562	282.04351 80664062 5	0.0	45.098617 55371094	14.981913 56658935 5	600.8	87.3584	983	985	986	2022-08- 08T14:28: 37	2022-08- 08T14:50: 21	42.9	20220808-18
7073	nw_sup_c hange																			594.6	85.1004	0	2374	2375	2022-08- 08T14:49: 54	2022-08- 08T14:49: 54	42.7	
7072	nw_inf_ch ange																			593.2	84.6711	0	2374	2375	2022-08- 08T14:49: 50	2022-08- 08T14:49: 50	43.4	
7071	change	321.05725 09765625	01757812	19720459	0.0	0.0	82000732	11914062	/14043/3	5		4	02368164	590.77758 7890625	23632812	26953125	0.0	41503906	14.610099 79248046 9		123.689	1378	1379	1382	2022-08- 08T13:58: 07	2022-08- 08T14:28: 37	42.6	20220808-17
7070				11.462592 12493896 5		0.0	6	7578125	09179688					568.33892 82226562				02421070	14.056972 50366211		209.444	2369	2372	2375	2022-08- 08T13:05: 51	2022-08- 08T13:58: 07	42.7	20220808-16
7069	reeling_ex change	289.37112 42675781	57.310367 58422851 6	10.690414 42871093 8	0.0	0.0	3.5919382 57217407 2	610.38726 80664062	696.66979 98046875	313.24322 50976562 0 5	.0			530.54217 52929688				39.474689 48364258	13.116868 01910400 4	971.5	212.329	2369	2378	2380	2022-08- 08T12:13: 34	2022-08- 08T13:05: 51	42.4	20220808-15
7068	reeling_ex change	270.60479 73632812 5	52.436088 56201172	9.9604148 8647461	0.0	0.0	3.3494684 69619751	566.11279 296875	645.50030 51757812	291.12164 30664062 0 5	.0	47.108295 44067383	15.565977 09655761 7	492.89108 27636719	624.08538 81835938	230.55973 81591797	0.0	36.691268 92089844	12.191409 11102295	948.4	209.091	2347	2349	2351	2022-08- 08T11:21: 46	2022-08- 08T12:13: 34	43.3	20220808-14
7067	nw_sup_c hange																			944.0	206.22	0	2374	2375	2022-08- 08T12:13: 07	2022-08- 08T12:13: 07	42.5	

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	С3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7066	nw_inf_ch ange																			943.1	205.861	0	2377	2371		2022-08- 08T12:13: 01	42.6	
7065	reeling_ex change	251.34297 18017578	47.451698 30322265 6	9.2057504 65393066	0.0	0.0	3.0930182 93380737 3	522.19866 94335938	594.77264 40429688	269.18865 96679687 5	0.0	43.454116 82128906	14.391607 28454589 8	455.63220 21484375	574.57067 87109375	213.61480 71289062 5	0.0	33.906871 7956543	11.273418 42651367 2	958.8	211.242	2368	2374	2375	2022-08- 08T10:29: 28	2022-08- 08T11:21: 46	43.1	20220808-13
7064		232.53898 62060547				0.0	2.8517184 25750732 4	478.23242 1875	543.99255 37109375	247.22354 12597656 0 2	0.0	39.805671 69189453	13.168644 90509033 2	417.84149 16992187 5	524.43298 33984375	196.48228 45458984 4	0.0	41174316	10.357721 32873535 2	958.1	211.904	2369	2379	2380		2022-08- 08T10:29: 28	43.2	20220808-12
7063	reeling_ex change	212.61160 27832031 2	37.425056 45751953	7.6680464 74456787	0.0	0.0	2.5932550 43029785	433.89364 62402344	492.77627 56347656	225.07894 89746093 0 8	0.0	36.093971 25244140 6	11.957962 98980712 9	380.14953 61328125	474.40020 75195312 5	179.38476 5625	0.0	28.271987 91503906 2	9.4167728 42407227	962.6	215.787	2395	2401	2397		2022-08- 08T09:37: 13	42.6	20220808-11
7062	nw_sup_c hange																			957.7	212.629	0	2195	2200		2022-08- 08T09:36: 38	43.1	
7061	nw_sup_c hange																			957.7	212.629	0	2195	2200		2022-08- 08T09:36: 38	43.1	
7060	reeling_ex change	193.67193 60351562 5	32.551109 31396484 4	6.9150424 00360107	0.0	0.0				202.81465 14892578		32.379947 66235351 6						32001933	8.4817523 95629883		211.618	2369	2377	2371		2022-08- 08T08:44: 20	42.5	20220808-10
7059		02441406 2	46972656 2	5		0.0	2.0932090 28244018 6	345.41503 90625	390.56613 15917969	180.92745 97167968 0 8	0.0	28.719390 86914062 5	9.5126123 42834473	304.12411 49902344	373.48739 62402344	144.90237 42675781 2	0.0	22.626819 61059570 3	7.5470800 39978027	965.5	213.249	2369	2379	2379		2022-08- 08T07:52: 02	42.6	20220808-09
7058	reeling_ex change	156.28535 46142578	22.803075 79040527 3	5.4591865 53955078	0.0	0.0	1.8503885 26916504	301.28247 0703125	339.55996 70410156	158.88319 39697265 0 6	0.0	25.061792 37365722 7	8.2901754 37927246	266.17175 29296875	323.03820 80078125	127.68714 14184570 3	0.0		6.5852985 38208008	908.8	188.927	2137	2142	2146		2022-08- 08T06:59: 46	42.7	20220808-08
7057	nw_sup_c hange																			905.2	187.098	0	2195	2200		2022-08- 08T06:59: 26	43.3	
7056	nw_inf_ch ange																			904.3	186.591	0	2363	2363	08T06:59: 20	2022-08- 08T06:59: 20	43.3	
7055		139.06272 88818359 4				0.0	1.6257535 21919250 5					21.674528 12194824 2						25988769 5	5.7687602 04315185 5		197.263	2189	2195	2200	26	08T06:12: 33	43.1	20220808-07
7054		120.95529 93774414				0.0	1.3877110 48126220 7	219.97148 13232422	245.63301 08642578	118.29351 80664062 5	0.0	18.256963 7298584						4	4.8874745 36895752	923.6	195.192	2188	2194	2199	08T04:36: 17	2022-08- 08T05:24: 26	43.3	20220808-06
7053		102.52822 87597656 2				0.0	8	6	8			14.825922 96600341 8							46209717	534.0	55.3889	638	642	645	10	08T04:36: 17	42.9	20220808-05
7052	reeling_ex change	84.717285 15625	4.4096441 2689209	2.6645305 15670776 4	0.0	0.0	0.9148052 93083190 9	151.85211 18164062 5	166.98056 03027343 8	84.230445 8618164	0.0	12.578844 07043457	4.1824746 13189697	136.46537 78076172	157.02149 96337890 6	68.819381 71386719	0.0	35412597	3.4022862 91122436 5	968.3	215.103	2284	2261	2262	08T02:19: 33	2022-08- 08T03:18: 10	36.8	20220808-04
7051	nw_sup_c hange																			1200.0	215.595	0	2343	2340	08T03:18: 37	2022-08- 08T03:18: 37	36.7	
7050	nw_sup_c hange																			1200.0	215.595	0	2343	2340	08T03:18: 37	2022-08- 08T03:18: 37	36.7	
7049		59.457527 16064453				0.0	0.6369637 25090026 9					8.8723134 99450684	2.9662518 50128174	96.470413 20800781	110.79933 16650390 6	48.657199 85961914	0.0	7.1517663 00201416			229.38	2385	2363	2363	08T01:18: 23	2022-08- 08T02:19: 33	36.8	20220808-03
7048	criarige	33.962722 77832031	421073	7		0.0	67	828125	25390625			46118164	18510437	54.485378 26538086	8918457	2142334	0.0	10021010			220.402	2385	2369	2365	08T00:17: 13	2022-08- 08T01:18: 23	36.8	20220808-02
7047	reeling_ex change	7.8614940 64331055	0.4103636 44361495 97	0.2451711 29703521 73	0.0	0.0	0.0815526 76856517 79	14.020421 98181152 3	15.414320 94573974 6	7.7728395 46203613	0.0	1.1796017 88520813	0.3920069 93293762 2	12.407206 53533935 5	14.055143 35632324 2	6.2572097 77832031	0.0	05676269	0.3325475 15630722 05		224.215	2356	2314	2313	07T23:16: 46	2022-08- 08T00:17: 13	37.0	20220808-01
7046	nw_sup_c hange																			960.3	218.345	0	2343	2340	08T00:16: 39		36.8	
7045	nw_inf_ch ange																			959.5	218.062	0	2345	2341	08T00:16: 34		37.0	
7044		592.13751 22070312				0.0				587.48724 36523438			82861328	3886/188	59765625	2//343/5		71.070945 7397461	23.496749 87792968 8	975.0	224.88	2385	2343	2340	07T22:15: 35		36.8	20220807-26
7043	reeling_ex change	566.24572 75390625	29.835811 61499023 4	17.937162 39929199 2	0.0	0.0	6.1891961 09771728 5	1012.9422 60742187 5	1114.0279 54101562 5	561.98107 91015625	0.0	84.220970 1538086	27.800973 89221191 4	910.17041 015625	1036.7197 265625	459.09542 84667969	0.0	67.921447 75390625	22.464591 97998047	971.4	220.326	2385	2351	2345		2022-08- 07T22:15: 35	37.0	20220807-25

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
7042	reeling_ex change	540.43994 140625	28.462068 55773925 8	17.108446 12121582	0.0	0.0	5.9148635 86425781	966.98730 46875	1063.4584 9609375	536.45672 60742188	0.0	80.403450 01220703	26.539377 21252441 4	868.63830 56640625	989.66900 63476562	438.15625 0.	0	64.824485 7788086	21.428903 57971191 4	961.2	217.715	2356	2317	2313	2022-08- 07T20:14	2022-08- 07T21:14: 27	36.8	20220807-24
7041	nw_sup_c hange																			957.7	218.257	0	2345	2341		2022-08- 07T21:13: 58	36.6	
7040	nw_inf_ch ange																			956.8	217.809	0	2344	2341	2022-08- 07T21:13: 53	2022-08- 07T21:13: 53	37.0	
7039	reeling_ex change	514.69934 08203125	6	16.297376 63269043		0.0	5.6378049 85046387	921.36737 06054688	1013.2852 78320312 5	511.14477 5390625	0.0	37402344	24230337	30423000	0404373	417.51617 43164062 0. 5		61.780696 86889648 4	20.420410 15625	968.7	223.615	2385	2345	2341	2022-08- 07T19:12: 47	2022-08- 07T20:14	36.9	20220807-23
7038	reeling_ex change	488.66104 12597656	25.678762 43591308 6	15.477665 90118408 2	0.0	0.0	5.3476839 06555176	874.84442 13867188	962.10363 76953125	485.32623 29101562 5	0.0	72.761512 75634766	24.019529 34265136 7	785.86578 36914062	895.64648 4375	396.40127 56347656 0.	0	58.666633 60595703	19.377838 13476562 5	975.2	223.826	2386	2353	2348		2022-08- 07T19:12: 47	37.2	20220807-22
7037	reeling_ex	463.15447 99804687	24.313201	14.687423 70605468		0.0	5.0719785 69030762	828.98010 25390625	911.65057 37304688	459.85830 68847656	0.0	68.934631 34765625	22.734071 73156738 3	744.10168 45703125	848.12939 453125	375.30743 40820312 0. 5	0		18.343515 39611816 4	936.1	208.503	2239	2199	2198		2022-08- 07T18:11: 39	37.2	20220807-21
7036	nw_sup_c hange																			932.1	205.092	0	2344	2341		2022-08- 07T18:11: 09	36.6	
7035	nw_inf_ch ange																			931.2	204.812	0	2347	2344		2022-08- 07T18:11: 03	37.1	
7034	reeling_ex change	438.00820 92285156	22.983917 23632812 5	13.900753 02124023 4	0.0	0.0	4.8003611 56463623	785.62890 625	863.97082 51953125	435.78103 63769531	0.0			705.19958 49609375			0		17.406137 46643066 4	972.3	221.043	2385	2344	2341	2022-08- 07T16:13	2022-08- 07T17:14: 11	36.7	20220807-20
7033	reeling_ex change	412.23229 98046875	21.626413 34533691 4	13.095594 40612793	0.0	0.0	4.5143556 59484863	739.59326 171875	813.33441 16210938	410.22290 0390625	0.0	61.522647 85766601 6	20.255512 23754882 8	663.31091 30859375	756.11224 36523438	334.50613 40332031 0.	0		16.376344 68078613 3	975.7	222.14	2385	2354	2346	2022-08- 07T15:11: 57	2022-08- 07T16:13	36.7	20220807-19
7032	reeling_ex change	386.69735 71777344	20.279422 76000976 6	12.285664 55841064 5	0.0	0.0	4.2350573 53973389	693.31219 48242188	762.44506 8359375	384.51806 640625	0.0			621.78875 73242188				46.441795 34912109 4	15.355007 17163086	258.5	9.38844	118	117	117		2022-08- 07T15:11: 57	36.6	20220807-18
7031	reeling_ex change	386.01571 65527344	20.250228 88183593 8	12.256121 63543701 2	0.0	0.0	4.2263789 17694092	691.12231 4453125	760.04016 11328125	383.30432 12890625	0.0	57.499473 57177734 4	18.919248 58093261 7	619.88323 97460938	706.53204 34570312	312.58499 14550781 0.	0	46.320625 30517578	15.295261 38305664	961.2	219.402	2343	2304	2304	2022-08- 07T14:08: 43	2022-08- 07T15:08: 50	36.8	20220807-17
7030	nw_sup_c hange																			957.3	217.512	0	2347	2344		2022-08- 07T15:08: 19	37.0	
7029	nw_inf_ch ange																			956.4	214.539	0	2352	2345		2022-08- 07T15:08: 12	37.1	
7028	reeling_ex change	5				0.0	3.9442830 08575439 5	645.89190 67382812	710.30169 67773438	358.20223 99902344	0.0			578.63983 15429688			0	43.221382 14111328	14.281099 31945800 8	971.8	221.802	2385	2347	2344	2022-08- 07T13:07: 32	2022-08- 07T14:08: 43	37.1	20220807-16
7027				10.584958 07647705		0.0	3.6541278 36227417	599.42608 64257812	659.17987 06054688	332.40853 88183594	0.0	387 1382	21447754	64453125	/16/9688			83764648	13.238012 31384277 3	974.5	223.447	2385	2349	2346		2022-08- 07T13:07: 32	36.9	20220807-15
7026	reeling_ex change	308.42047 11914062 5	16.185934 06677246	9.7940931 32019043	0.0	0.0	3.3704314 23187256	553.41687 01171875	608.57452 39257812	306.86819 45800781	0.0	46.101261 13891601 6	15.141154 28924560 5	495.70550 53710937 5	564.69573 97460938	249.94122 31445312 0. 5	0		12.224083 90045166	979.3	224.638	2387	2353	2347		2022-08- 07T12:06: 21	37.2	20220807-14
7025	nw_sup_c hange																			974.5	220.708	0	2352	2349		2022-08- 07T12:05: 45	37.3	
7024	nw_sup_c hange																			974.5	220.708	0	2352	2349		2022-08- 07T12:05: 45	37.3	
7023	reeling_ex change	282.64636 23046875	14.845634 46044921 9	8.9862422 94311523	0.0	0.0	3.0920619 96459961	506.63732 91015625	557.14086 9140625	280.92257 69042969	0.0	42.185577 39257812 5	13.857436 18011474 6	453.93307 49511719	516.91540 52734375	228.87445 06835937 0. 5	0	33.934585 57128906	11.184649 46746826 2	980.6	225.639	2385	2352	2345		2022-08- 07T11:05: 08	36.8	20220807-13
7022				8.1881628 03649902		0.0	U			255.33134 46044922		38.314876 55639648 4	12.600252 15148925 8	412.21096 80175781	468.82394 40917969	207.83428 95507812 0. 5	0	94335937 5	10.142476 08184814 5		225.471	2386	2357	2348		2022-08- 07T10:03: 56	37.2	20220807-12
7021	reeling_ex change	231.35830 68847656 2	12.153506 2789917	7.3431792 25921631	0.0	0.0	2.5276062 48855591	413.13912 96386719	454.34368 89648437 5	229.07896 42333984 4	0.0	34.393013 00048828	11.309362 41149902 3	370.85363 76953125	421.38354 4921875	187.00799 56054687 0. 5	0	27.692445 75500488 3	9.1258363 72375488	964.3	219.293	2312	2280	2274		2022-08- 07T09:02: 46	37.3	20220807-11
7020	nw_sup_c hange																			959.9	215.959	0	2352	2349	2022-08- 07T09:02: 15	2022-08- 07T09:02: 15	36.7	
7019	nw_inf_ch ange																			959.0	215.943	0	2347	2342		2022-08- 07T09:02: 09	37.2	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
7018	reeling_ex change	205.92459 10644531 2	10.819977 76031494 1	6.5313744 54498291 0.0	0	0.0	2.2557954 78820801	367.98651 12304687 5	404.71389 77050781	204.05653 38134765 6	0.0	30.651748 65722656 2	10.079587 93640136 7	330.34182 73925781	375.14999 38964844	166.55554 19921875	0.0	24.689085 00671386 7	8.1092367 17224121	981.1	226.525	2385	2352	2349		2022-08- 07T08:03: 26	36.9	20220807-10
7017				5.7212653 16009521 0.0 5		0.0	1.9660673 14147949 2	321.30484 00878906	353.38644 40917969	178.16360 47363281 2	0.0	26.721820 83129882 8	8.7897415 16113281	288.90008 54492187 5	328.05828 85742187 5	145.68794 25048828	0.0		7.0910491 94335937 5	983.7	221.591	2385	2364	2356		2022-08- 07T07:02: 15	37.2	20220807-09
7016	reeling_ex change	154.96800 23193359 4	8.1674957 27539062	4.9285221 09985352 0.0	0	0.0	1.6980993 74771118 2	274.93777 46582031	302.38888 54980469	152.46255 49316406 2	0.0	22.898694 99206543	7.5251178 74145508	246.88667 29736328	280.24893 18847656	124.49976 34887695 3	0.0		6.0420031 54754639	938.3	208.353	2166	2131	2124		2022-08- 07T06:01: 06	36.7	20220807-08
7015	nw_sup_c hange																			934.8	207.687	0	118	118	2022-08- 07T06:00: 39	2022-08- 07T06:00: 39	36.9	
7014	nw_inf_ch ange																			934.3	207.394	0	118	118	2022-08- 07T06:00: 35	2022-08- 07T06:00: 35	36.8	
7013				4.1954450 60729980 0.0 5		0.0	1.4380807 87658691 4	232.39508 05664062 5	255.59809 87548828	128.88032 53173828	0.0	19.319507 59887695 3	6.3747086 52496338	209.12492 37060547	237.26849 36523437 5	105.44847 10693359 4	0.0	15.595849 99084472 7		975.8	229.548	2385	2347	2342		2022-08- 07T05:05: 31	36.6	20220807-07
7012				3.3352918 62487793 0.0		0.0	1.1460428 23791504	186.18992 61474609 4	204.78771 97265625	103.24488 06762695 3	0.0	15.506612 77770996 1	5.1031689 64385986	167.29328 91845703	189.75338 74511718 8	84.355117 79785156	0.0	12.492352 48565673 8	4.1125888 82446289	261.4	9.90201	122	120	119	2022-08- 07T04:01: 13	2022-08- 07T04:04: 28	36.5	20220807-06
7011	reeling_ex change	103.17689 51416015 6	5.4333810 80627441	3.2862038 61236572 0.0 3	0	0.0	1.1278004 64630127	183.96900 93994140 6	202.36323 54736328	102.02074 43237304 7	0.0	15.280187 60681152 3	5.0440149 30725098	165.36557 00683593 8	187.58389 28222656 2	83.397506 71386719	0.0	12.309890 74707031 2	4.0521116 25671387	981.9	228.549	2385	2351	2342		2022-08- 07T04:01: 13	37.1	20220807-05
7010	reeling_ex change	77.536109 9243164	4.0930824 27978516	2.4719505 31005859 0.0 4	0	0.0	0.8477098 94180297 9	137.29560 85205078	151.01495 36132812 5	76.144432 0678711	0.0	11.435355 18646240 2	3.7459447 38388061 5	123.21444 70214843 8	139.64366 14990234 4	62.127422 33276367	0.0	9.2038030 62438965	3.0269727 70690918	945.4	218.824	2262	2228	2224		2022-08- 07T03:00: 05	36.6	20220807-04
7009	nw_sup_c hange																			940.5	216.772	0	2339	2333	07T02:59:	2022-08- 07T02:59: 31	37.2	
7008	nw_sup_c hange																			940.5	216.772	0	2339	2333	07T02:59:	2022-08- 07T02:59: 31	37.2	
7007	reeling_ex change	53.279777 52685547	2.8001558 78067016 6	1.7019845 24726867 0.0 7	0	0.0	0.5792126 65557861 3	93.256141 66259766	102.57086 18164062 5	51.710964 20288086	0.0	7.7611918 44940185 5	08444214	11425781	65332031	5		6.2169761 65771484		259.3	9.83865	120	118	118		2022-08- 07T02:02: 09	36.6	20220807-03
7006		51.691287 99438476 6	2.7269556 52236938 5	1.6522468 32847595 0.0 2		0.0				50.452648 1628418		7.5912199 02038574					0.0	6.0952577 59094238	2.0338807 10601806 6	974.9	225.808	2385	2352	2345		2022-08- 07T01:58: 56	36.6	20220807-02
7005	reeling_ex change	20021111	1.3646560 90736389 2	0.8363636 73210144 0.0	0	0.0	6	5	3120410			3.7387995 71990967	1.2116700 41084289 6	39.766571 04492187 5	44.928535 46142578	20.063222 88513183 6	0.0	99929809	0.9758928 41815948 5	975.3	229.0	2386	2357	2345		2022-08- 07T00:57: 44	37.1	20220807-01
7004	reeling_ex change	601.76867 67578125	31.876775 74157715	19.091564 17846679 0.0 7	0	0.0	6.5594329 83398437 5	1080.1706 54296875	1188.2598 87695312 5	599.60217 28515625	0.0	89.695816 04003906	29.792005 53894043	972.90124 51171875	1113.7979 73632812 5	490.65481 56738281	0.0		23.927564 62097168	967.6	223.808	2345	2298	2301		2022-08- 06T23:56: 34	37.3	20220806-25
7003	nw_sup_c hange																			959.0	221.579	0	2339	2333		2022-08- 06T23:56: 02	36.9	
7002	nw_inf_ch ange																			958.6	222.356	0	2333	2328		2022-08- 06T23:55: 57	36.7	
7001	reeling_ex change	574.98071 2890625	30.441463 47045898 4	18.245725 63171386 0.0 7	0	0.0	6.2686882 01904297	1034.8592 52929687 5	1138.4443 359375	574.46099 85351562	0.0	85.958457 94677734	28.549318 31359863 3	931.82312 01171875	1067.0469 97070312 5	469.92419 43359375	0.0	69.584945 67871094	8	973.8	226.019	2385	2339	2333		2022-08- 06T22:56: 25	37.2	20220806-24
7000				17.427816 39099121 0.0		0.0	5.9897732 73468018	988.20178 22265625	1087.1141 35742187 5	548.54602 05078125		82.048469 54345703						66.480934 1430664	21.887096 40502929 7	978.7	226.525	2385	2348	2341		2022-08- 06T21:55: 15	37.1	20220806-23
6999	reeling_ex change	522.99102 78320312	27.669164 65759277 3	16.588216 78161621 0.0	0	0.0	5.7040243 14880371	942.41174 31640625	1036.7606 20117187 5	523.13879 39453125	0.0	78.254280 09033203	25.993722 91564941 4	848.56768 79882812	972.34857 17773438	427.93496 70410156	0.0	63.367691 04003906	20.851442 33703613 3	963.0	228.505	2414	2366	2365		2022-08- 06T20:54: 05	37.2	20220806-22
6998	nw_sup_c hange																			959.5	227.676	0	2333	2328	06T20:53: 37		37.2	
6997	nw_inf_ch ange																			958.6	227.292	0	2336	2331		2022-08- 06T20:53: 31	36.7	
6996				15.750971 79412841 0.0 8		0.0	20390020	908/5	00040025			74.345352 17285156						30173701	19.809671 40197754		220.014	2375	2333	2328	06T18:51: 12	2022-08- 06T19:52: 08	36.8	20220806-21
6995	reeling_ex change	470.61111 45019531	24.822355 27038574 2	14.900887 48931884 0.0 8	0	0.0	5.1303715 70587158	850.91497 80273438	936.09967 04101562	472.33596 80175781	0.0	70.653457 64160156	23.457033 15734863 3	766.14776 61132812	878.36175 53710938	386.35644 53125	0.0	57.191841 12548828	18.832780 83801269 5	973.2	221.105	2375	2341	2332	06T17:50:	2022-08- 06T18:51: 12	37.0	20220806-20

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6994		445.32968 13964844	42205006	14.104695 32012939 5	0.0	0.0	4.8537921 90551758	805.59686 27929688	886.24011 23046875	447.18725 5859375	0.0			725.55773 92578125		365.87078 85742187 5	0.0	54.158180 23681640 6	17.828796 38671875	959.0	217.926	2338	2299	2293	2022-08- 06T16:50: 19	2022-08- 06T17:50: 19	37.2	20220806-19
6993	nw_sup_c hange																			954.6	217.805	0	2333	2333	2022-08- 06T17:49: 47	2022-08- 06T17:49: 47	37.1	
6992	nw_inf_ch ange																			954.2	215.855	0	2333	2333		2022-08- 06T17:49: 43	37.2	
6991	change	420.52233 88671875	96936035		0.0	0.0	4.5771365 16571045	760.44433 59375	836.55572 50976562	422.11822 50976562 5	0.0	63.171245 57495117						51.178272 24731445	16.802652 35900879	969.5	219.562	2375	2336	2331	2022-08- 06T15:49: 22	2022-08- 06T16:50: 19	36.5	20220806-18
6990	reeling_ex change	393.80267 33398437 5	20.652677 53601074 2	12.463962 55493164	0.0	0.0	4.2936916 35131836	714.34985 3515625	785.82482 91015625	396.51589 96582031	0.0	59.316993 71337890 6						96630859	15.794445 99151611 3	969.2	224.421	2376	2342	2336		2022-08- 06T15:49: 22	36.8	20220806-17
6989	reeling_ex change	88476562	19.287189 48364257 8	55725097	0.0	0.0			734.86779 78515625		0.0	55.454425 81176758	18.420133 59069824 2	602.08648 68164062	690.86944 58007812	303.56863 40332031	0.0	16162109	14.773212 43286132 8	965.2	223.445	2388	2346	2342	2022-08- 06T13:47: 09	2022-08- 06T14:48: 29	37.2	20220806-16
6988	nw_sup_c hange																			961.2	222.813	0	2335	2332		2022-08- 06T14:47: 57	37.1	
6987	nw_inf_ch ange																			960.3	224.201	0	2335	2332	2022-08- 06T14:47: 53	2022-08- 06T14:47: 53	37.0	
6986		343.73315 4296875				0.0	5	5	683.34326 171875	20171875		51.609207 15332031						41.863544 46411133	13.766843 79577636 7	971.4	223.12	2376	2333	2333	2022-08- 06T12:46: 15	2022-08- 06T13:47: 09	36.8	20220806-15
6985	onango	318.12307 73925781	.00002	8	0.0	0.0	3	30/18/5	632.83404 54101562	94028906	0.0	47.785163 87939453	15.857593 53637695 3	518.67803 95507812	595.37524 4140625	261.47473 14453125	0.0	38.736782 07397461	12.743972 77832031 2	973.4	223.383	2375	2340	2335	2022-08- 06T11:45: 19	2022-08- 06T12:46: 15	36.9	20220806-14
6984	reeling_ex change	00004007	15.374923 70605468 8	9.2959337 23449707	0.0	0.0	3.1949710 84594726 6	529.52001 953125	582.43420 41015625	293.87521 36230469	0.0	44.004570 00732422	14.612381 93511962 9	477.74484 25292969	548.03735 3515625	240.84194 94628906 2	0.0	35.676532 74536133	11.729341 50695800 8	959.9	223.562	2389	2350	2344		2022-08- 06T11:45: 19	36.6	20220806-13
6983	nw_sup_c hange																			955.0	222.642	0	184	184		2022-08- 06T11:44: 43	36.8	
6982	nw_sup_c hange																			955.0	222.642	0	184	184	06T11:44: 43	2022-08- 06T11:44: 43	36.8	
6981	change	5	•	36853027	0.0	0.0	3	5	532.54339 59960938	49121094		91772461	7	436.70028 68652344	54296875	86328125	0.0	00449219	1		221.031	2375	2335	2332	2022-08- 06T09:43: 05	2022-08- 06T10:44: 03	36.7	20220806-12
6980		5	•		0.0	0.0	7	34472656	482.31945 80078125	28125		36.384437 56103515 6						7	9.7197580 33752441		224.516	2376	2338	2332	06T08:42: 16	2022-08- 06T09:43: 05	37.2	20220806-11
6979	reeling_ex change	218.03401 18408203	11.415587 42523193 4	6.9142451 28631592	0.0	0.0	2.3704760 07461548	393.02938 84277344	432.28176 87988281	218.10554 50439453	0.0	32.615287 78076172	10.807086 94458007 8	355.06164 55078125	406.23703 00292969	178.99316 40625	0.0	26.577466 96472168	8.7214326 8585205	921.5	201.297	2173	2136	2131	2022-08- 06T07:46: 41	2022-08- 06T08:42: 16	37.1	20220806-10
6978	nw_sup_c hange																			916.2	198.872	0	184	184	06T08:41: 46	2022-08- 06T08:41: 46	36.7	
6977	nw_inf_ch ange																			915.4	200.38	0	2335	2329	40	06T08:41: 40	36.9	
6976	criarige	8	5			0.0			386.21191 40625		0.0	29650879	00146484	317.43188 4765625	20605469	4		3	20342773	304.2	16.1565	188	184	184		2022-08- 06T07:46: 41	37.0	20220806-09
6975	reeling_ex change					0.0	34664917	08203125	33373	192.92674 25537109 4		28.823322 29614257 8						7	1002/032	969.5	223.215	2375	2335	2329	2022-08- 06T06:40: 55	2022-08- 06T07:41: 46	37.2	20220806-08
6974	change	167.17944 3359375	80529785	38333713		0.0			331.49118 04199219			24.969045 63903808 6	44433594	73339844	926/5/81	06591797		00000210	6.6674776 07727051		224.684	2375	2337	2332	06T05:40: 02	2022-08- 06T06:40: 55	37.1	20220806-07
6973	reeling_ex change	141.84521 484375	7.4337449 0737915	4.5019092 55981445	0.0	0.0	1.5396912 09793090 8	255.30317 68798828	280.78811 64550781	141.65689 08691406 2	0.0	21.185234 06982422	7.0343208 31298828	231.22921 75292968 8	264.43124 38964844	116.57054 13818359 4	0.0	17.355291 36657715	5.6187443 73321533	965.2	223.262	2369	2330	2324	06T04:39: 21	2022-08- 06T05:40: 02	36.8	20220806-06
6972	nw_sup_c hange																			961.7	220.937	0	2335	2329	06T05:39: 35	2022-08- 06T05:39: 35	37.0	
6971	nw_inf_ch ange																			961.2	221.565	0	2334	2336		2022-08- 06T05:39: 30	36.9	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6970	reeling_ex change	116.73468 78051757 8	6.1246128 08227539	3.7123899 45983886 7	0.0	0.0	1.2666637 89749145 5	209.98826 59912109 4	230.94209 28955078	116.49671 17309570 0 3	.0	17.408548 35510254	5.7847886 08551025	189.96101 37939453	217.16053 77197265 6	95.743698 12011719	0.0	14.233649 25384521 5	4.6276845 93200684	964.3	223.833	2375	2335	2329	2022-08- 06T03:38: 30	2022-08- 06T04:39: 21	36.7	20220806-05
6969	reeling_ex change	91.575950 6225586	4.8036513 32855225	2.9109926 22375488 3	0.0	0.0	0.9886834 02538299 6	163.77629 08935547	180.12516 78466797	90.861045 83740234 0	.0	13.621724 12872314 5	4.5044984 81750488	148.42835 99853515 6	169.78387 45117187 5	74.820396 42333984	0.0	13220214 8	3.6077654 36172485 4	977.5	223.215	2375	2336	2332	2022-08- 06T02:37: 39	2022-08- 06T03:38: 30	37.1	20220806-04
6968	reeling_ex change	66.938354 4921875	3.5227110 38589477 5	2.1271750 92697143 6	0.0	0.0	0.7196600 43716430 7	118.44402 31323242 2	130.27288 81835937 5	65.720382 69042969 0	.0	9.8504066 46728516	3.2464375 49591064 5	107.53384 39941406 2	123.20256 80541992 2	54.205760 95581055	0.0	8.0677909 85107422	2.6164298 05755615 2	972.2	227.806	2426	2386	2391	2022-08- 06T01:35: 29	2022-08- 06T02:37: 39	36.9	20220806-03
6967	nw_sup_c hange																			967.8	228.029	0	2336	2331	2022-08- 06T02:37: 08	2022-08- 06T02:37: 08	37.0	
6966	nw_sup_c hange																			967.8	228.029	0	2336	2331	2022-08- 06T02:37: 08	2022-08- 06T02:37: 08	37.0	
6965	reeling_ex change	40.307685 85205078	2.1241509 91439819 3	1.2849600 31509399 4	0.0	0.0	0.4355551 89847946 17	72.063415 52734375	79.275352 47802734	39.987102 50854492 0	.0	6.0034112 93029785	1.9770104 88510131 8	65.238784 79003906	74.832283 02001953	32.887561 7980957	0.0	4.8959650 99334717	1.5637239 21775817 9	948.0	223.12	2375	2334	2336	2022-08- 06T00:34: 38	2022-08- 06T01:35: 29	36.9	20220806-02
6964	reeling_ex change	14.766710 28137207	0.7761107 08713531 5	0.4747205 37662506 1	0.0	0.0				14.863211 63177490 0 2		2.2760591 50695801	0.7310128 21197509 8	24.158845 90148925 8	27.690111 16027832	12.183282 85217285 2	0.0	1.8299291 13388061 5	0.5713912 24861145	982.6	223.592	2375	2336	2330	2022-08- 05T23:33: 47	2022-08- 06T00:34: 38	36.8	20220806-01
6963	reeling_ex change	596.64953 61328125	31.249769 21081543	18.666248 32153320 3	0.0	0.0	6.5082345 0088501	1080.2408 44726562 5	1187.5173 33984375	599.73205 56640625 0	.0	89.846893 31054688	29.818374 63378906 2	974.02313 23242188	1110.0699 46289062 5	491.61395 26367187 5	0.0	72.530044 55566406	23.837060 92834472 7	967.6	226.525	2384	2344	2339	2022-08- 05T22:32: 38	2022-08- 05T23:33: 47	37.3	20220805-24
6962	nw_sup_c hange																			961.7	225.247	0	2335	2330	2022-08- 05T23:33: 18	2022-08- 05T23:33: 18	36.7	
6961	nw_inf_ch ange																			961.2	224.887	0	2335	2330	2022-08- 05T23:33: 15	2022-08- 05T23:33: 15	37.2	
6960	criarige	11914002	9720439	,		0.0	6.2321801 18560791	1034.4489 74609375	1137.1549 07226562 5	574.33154 296875	.0	86.042053 22265625	28.541656 49414062 5	932.55346 6796875	1062.7561 03515625	470.69805 90820312 5	0.0	69.442550 65917969	22.844297 40905761 7	966.9	222.952	2376	2336	2331	2022-08- 05T21:31: 48	2022-08- 05T22:32: 38	37.0	20220805-23
6959	reeling_ex change	545.45635 98632812	28.531898 49853515 6	17.054998 39782715	0.0	0.0	5.9537324 90539551	988.66662 59765625	1086.8186 03515625	548.91302 49023438 0	.0	82.237976 07421875	27.291997 9095459	891.48193 359375	1015.7035 52246093 8	449.98300 17089844	0.0	66.411056 51855469	21.845355 98754882 8	966.5	224.852	2375	2336	2331	2022-08- 05T20:30: 58	2022-08- 05T21:31: 48	36.7	20220805-22
6958	reeling_ex change	519.59478 75976562	27.144752 50244140 6	16.251110 07690429 7	0.0	0.0	5.6699328 42254639	942.81182 86132812	1036.4034 42382812 5	523.47039 79492188 0	.0	78.373374 93896484	26.011716 84265136 7	850.11138 91601562	968.57818 60351562	429.10339 35546875	0.0	63.321365 35644531	20.810018 53942871	969.2	224.043	2374	2334	2329	07	05T20:30: 58	37.2	20220805-21
6957	nw_sup_c hange																			965.6	221.245	0	2335	2330	2022-08- 05T20:30: 29	2022-08- 05T20:30: 29	37.2	
6956	nw_inf_ch ange																			964.8	221.739	0	2335	2329	2022-08- 05T20:30: 23	2022-08- 05T20:30: 23	37.2	
6955	onango		5	15.438905 71594238 3		0.0	13043213	11134315	31640625			74.558273 31542969	24.767728 80554199 2	808.72760 00976562	921.45599 36523438	408.24139 40429687 5	0.0	60.238544 46411133	19.807987 21313476 6	970.2	222.669	2375	2335	2330	2022-08- 05T18:29: 15	2022-08- 05T19:30: 07	37.2	20220805-20
6954				14.635416 03088378 9		0.0				472.57525 63476562 0 5		68066406	83239746	3828125	874.25891 11328125	51074219	0.0		18.781951 90429687 5	971.0	225.302	2375	2339	2335	2022-08- 05T17:28: 26	2022-08- 05T18:29: 15	37.0	20220805-19
6953	reeling_ex change	441.06045 53222656	22.939517 97485351 6	13.801683 42590332	0.0	0.0	4.8138933 18176269 5	804.91687 01171875	884.75195 3125	446.92181 39648437 0 5	.0	66.889663 69628906	22.226921 08154297	725.59405 51757812	826.72149 65820312	366.27761 84082031	0.0	54.069709 77783203	17.755483 62731933 6	965.6	223.783	2377	2337	2332	2022-08- 05T16:27: 30	2022-08- 05T17:28: 26	37.3	20220805-18
6952	nw_sup_c hange																			961.7	221.976	0	2335	2329	2022-08- 05T17:27: 56	2022-08- 05T17:27: 56	37.0	
6951	nw_inf_ch ange																			961.2	221.483	0	2333	2329	51	05T17:27: 51	36.8	
6950				12.990961 07482910 2		0.0	80366406	90625	/18/5			80044031	33935547	44720502	779.53802 49023438	2/632031		11499023 4			220.769	2375	2335	2329	39	05T16:27: 30	37.3	20220805-17
6949	reeling_ex change	389.22052 00195312 5	20.214241 02783203	12.185825 34790039	0.0	0.0	22900391	3/4210/3	013023			09033203	00010211	0078125		5			15.722612 38098144 5	970.5	225.062	2375	2340	2330	48	05T15:26: 39	37.3	20220805-16
6948	reeling_ex change	363.22573 85253906	18.852832 79418945 3	11.367026 32904052 7	0.0	0.0	3.9615216 25518799	665.40191 65039062	731.34790 0390625	369.43054 19921875 0	.0	55.273769 37866211	18.375795 36437988 3	600.47314 453125	684.22918 70117188	303.14608 76464844	0.0		14.683232 30743408 2	968.5	224.684	2375	2330	2330	56	05T14:25: 48	36.9	20220805-15
6947	nw_sup_c hange																			962.1	222.208	0	2343	2336		2022-08- 05T14:25: 15	37.2	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6946	nw_inf_ch ange																			961.2	222.017	0	2343	2336		2022-08- 05T14:25: 11	37.2	
6945	reeling_ex change	76367187 5	89196777 3	10.561843 87207031 2		0.0	3.6861212 25357055 7	618.53631 59179688	679.85418 70117188	343.43060 30273437 5	0.0				636.23876 953125			41.655529 0222168	13.676043 51043701 2	970.0	224.966	2375	2333	2329	2022-08- 05T12:24: 05	2022-08- 05T13:24: 56	36.9	20220805-14
6944	reeling_ex change	312.69049 07226562 5	16.216262 81738281 2	9.7937879 56237793	0.0	0.0	98461914	640625	628.27709 9609375	89746094	0.0	47.510833 74023437 5						38.495376 58691406	6		222.574	2375	2337	2334		2022-08- 05T12:24: 05	36.8	20220805-13
6943	reeling_ex change	286.93444 82421875	14.877422 33276367 2	8.9773454 6661377	0.0	0.0	3.1295938 49182129	524.66253 66210938	576.68243 40820312	291.27947 99804687 5	0.0	43.607429 50439453	14.491057 39593505 9	474.66326 90429687 5	540.55163 57421875	239.63922 11914062 5	0.0	35.412685 39428711	11.634490 01312255 9	946.2	211.622	2260	2220	2213		2022-08- 05T11:23: 15	37.2	20220805-12
6942	nw_sup_c hange																			942.3	212.144	0	2343	2336		2022-08- 05T11:22: 43	37.2	
6941	nw_inf_ch ange																			941.0	211.666	0	2336	2329	2022-08- 05T11:22: 36	2022-08- 05T11:22: 36	36.7	
6940	reeling_ex change	5	6	8.2067556 38122559		0.0	6	5078125	14453125	5		14000701	3	30027044		8		88671875			223.184	2386	2343	2336		2022-08- 05T10:25: 19	37.1	20220805-11
6939						0.0			477.26351 92871094						447.00988 76953125			29.229097 36633300 8	9.6290245 05615234	973.5	224.88	2385	2346	2336	06	05T09:24: 13	37.1	20220805-10
6938	reeling_ex change	211.32962 03613281 2	10.949473 38104248	6.6108469 96307373	0.0	0.0	2.3042683 60137939 5	387.78976 44042969	426.19155 88378906	215.23786 92626953	0.0	32.169746 39892578	10.725595 47424316 4	350.22546 38671875	398.49908 44726562 5	176.81619 26269531 2	0.0	26.077087 40234375	8.5979747 7722168	969.6	221.506	2340	2292	2285	05T07:23: 19	2022-08- 05T08:23: 06	37.2	20220805-09
6937	nw_sup_c hange																			960.3	219.335	0	2336	2329	34	05T08:22: 34	37.1	
6936	nw_inf_ch ange																			959.9	219.321	0	2335	2325	05T08:22: 29	2022-08- 05T08:22: 29	36.6	
6935		186.05743 40820312 5				0.0	6	75292969	375.46206 66503906	1134315	0.0				351.81158 44726562 5			5	7.5673069 95391846	970.9	229.169	2385	2336	2329	21	05T07:23: 19	36.9	20220805-08
6934	reeling_ex change	160.53178 40576172	8.3216009 14001465	65093994	0.0	0.0	54554748 5	22070312 5	324.54425 04882812 5	80664062 5		24.462724 68566894 5	8.1525955 20019531	267.25686 64550781	303.76425 17089844	134.94311 5234375	0.0	32006836	6.5599517 82226562 5	972.0	224.332	2386	2341	2335	05T05:21: 24	2022-08- 05T06:22: 21	37.2	20220805-07
6933	reeling_ex change	135.38641 35742187 5	7.0102281 57043457	4.2237019 53887939 5	0.0	0.0	1.4787362 81394958 5	248.85746 76513672	273.51876 83105469	138.10386 65771484 4	0.0	20.631666 18347168	6.8645343 78051758	225.09913 63525390 6	255.57882 69042968 8	113.69139 86206054 7	0.0	16.756471 63391113 3	5.5198512 07733154	965.2	221.958	2359	2308	2296	11	05T05:21: 24	37.3	20220805-06
6932	nw_sup_c hange																			960.3	219.253	0	2170	2160	05T05:20: 46	2022-08- 05T05:20: 46	37.1	
6931	nw_inf_ch ange																			959.9	219.229	0	2170	2160	42	05T05:20: 42	37.0	
6930		110.38754 27246093 8				0.0	1.2034343 48106384 3								207.96633 91113281 2			4	4.5061712 26501465	964.3	224.785	2385	2335	2325	05T03:20: 20	2022-08- 05T04:21: 11	36.7	20220805-05
6929		84.744178 77197266			0.0	0.0		4	2109373	7109373	0.0	12.876487 73193359 4					0.0	10.594053 26843261 7	43862915	969.2	224.237	2385	2337	2329	31	05T03:20: 20	37.3	20220805-04
6928	reeling_ex change	59.194057 46459961	3.0633580 68466186 5	1.8427033 42437744 1	0.0	0.0	02333310	108.70421 60034179 7	119.48883 05664062 5	60.313365 9362793	0.0	8.9858293 5333252	2.9828441 14303589	99.198150 63476562	111.29752 34985351 6	50.097839 35546875	0.0	7.4204158 78295898	2.4079978 46603393 6	920.3	200.207	2129	2085	2079	05T01:25: 12	2022-08- 05T02:19: 31	36.9	20220805-03
6927	nw_sup_c hange																			909.7	198.115	0	2170	2160	57	05T02:18: 57	37.0	
6926	nw_inf_ch ange			1.100===			0.405													909.2	197.735	0	687	689	51	05T02:18: 51	36.6	
6925	change	36.284824 37133789	64906311	3		0.0	0.4020299 61347579 96					03173828	33128357	84838867	67.955192 56591797	2623291	0.0		1.4784415 96031189	932.6	210.321	2215	2170	2160	46	05T01:25: 12	37.2	20220805-02
6924		12.971398 35357666				0.0	0.1431542 18792915 34					44337463 4	57014465 3	99023437 5		57067871 1		26911926 3	0.5149317 97981262 2		210.574	2216	2172	2164	27	05T00:28: 46	36.9	20220805-01
6923	reeling_ex change	553.68316 65039062	80.306846 61865234	19.871597 29003906 2	0.0	0.0	6.5962524 4140625	1008.1777 34375	1203.0758 05664062 5	745.68371 58203125	0.0	92.495033 26416016	30.672344 20776367 2	920.18127 44140625	1142.1528 3203125	621.27447 50976562	0.0	75.935317 99316406	25.010049 81994629	462.3	44.612	486	482	483	2022-08- 04T22:38: 26	2022-08- 04T23:32: 27	36.6	20220804-28

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6922		537.91491 69921875		19.342540 74096679 7	0.0	0.0	6.4252090 45410156	991.66589 35546875	1184.9161 37695312 5	736.50164 79492188	0.0	91.086593 62792969	30.198905 94482422	904.68981 93359375	1124.7846 6796875	613.46130 37109375	0.0	74.782974 24316406	24.645196 91467285	836.9	192.135	1936	1910	1917		2022-08- 04T22:38: 26	37.1	20220804-27
6921	nw_sup_c hange																			870.2	192.707	0	1042	1047		2022-08- 04T22:38: 32	37.2	
6920	nw_inf_ch ange																			866.3	192.607	0	1042	1047		2022-08- 04T22:38: 31	36.7	
6919	reeling_ex change	516.04150 390625	78.417510 98632812	18.584058 76159668	0.0	0.0	6.1828584 67102051	951.58239 74609375	1140.8596 19140625	714.24377 44140625	0.0	87.823600 76904297	29.101325 98876953	868.74835 20507812	1084.2650 14648437 5	595.30065 91796875	0.0	72.122245 78857422	23.760950 08850097 7	508.6	67.849	698	687	689		2022-08- 04T21:49: 50	37.2	20220804-26
6918	reeling_ex change	507.96942 13867187 5	77.997245 78857422	18.309579 84924316 4	0.0	0.0	6.0941367 14935303	936.97625 73242188	1124.8199 46289062 5	706.13092 04101562	0.0	86.584403 99169922	28.714271 54541015 6	855.80334 47265625	1069.8182 37304687 5	588.75628 66210938	0.0	71.154434 20410156	23.425695 41931152 3	576.9	87.4516	885	872	874		2022-08- 04T21:32: 11	36.9	20220804-25
6917	reeling_ex change	498.29205 32226562 5	77.516983 03222656	17.978239 05944824 2	0.0	0.0	5.9952425 95672607	918.54168 70117188	1104.5549 31640625	695.89660 64453125	0.0	85.061149 59716797	28.206745 14770507 8	839.36407 47070312	1051.4187 01171875	580.46838 37890625	0.0	69.941680 90820312	23.029708 86230468 8	499.9	66.8215	683	672	674		2022-08- 04T21:09: 49	37.2	20220804-24
6916	reeling_ex	490.62783 81347656	77.128166	17.724950	0.0	0.0	5.9060654 64019775	904.21887 20703125	1088.8127 44140625	687.92919 921875	0.0	83.875167 84667969	27.817279 81567382 8	826.60046 38671875	1037.1049 8046875	574.01391 6015625	0.0	68.970695 49560547	22.725196 83837890 6	609.9	100.171	1019	1003	1007		2022-08- 04T20:52: 34	36.7	20220804-23
6915	reeling_ex change	479.19827 27050781	76.546760 55908203	17.334636 68823242 2	0.0	0.0	5.7874274 25384521 5	883.07489 01367188	1065.5699 46289062 5	676.19598 38867188	0.0	82.128921 50878906	27.216615 67687988 3	807.62939 453125	1016.0020 14160156 2	564.45446 77734375	0.0	30003304		708.2	138.544	1387	1370	1383	2022-08- 04T19:51: 35	2022-08- 04T20:26: 49	36.8	20220804-22
6914	reeling_ex change	463.83633 42285156	75.756813 0493164	16.820323 94409179 7	0.0	0.0	5.6205673 21777344	854.35113 52539062	1033.9766 84570312 5	660.24438 4765625	0.0	79.715637 20703125	26.435319 90051269 5	781.10388 18359375	986.21258 54492188	551.05230 71289062	0.0	65.581718 44482422	21.625293 73168945 3	1068.8	323.903	3097	3031	3050		2022-08- 04T19:51: 35	36.6	20220804-21
6913	nw_inf_ch ange																			989.4	290.934	0	1091	1093		2022-08- 04T19:41: 15	37.0	
6912	nw_sup_c hange																			989.4	290.824	0	1091	1093	2022-08- 04T19:41: 13	2022-08- 04T19:41: 13	37.1	
6911	reeling_ex change	425.67730 71289062 5	73.738243 10302734	15.620255 47027587 9	0.0	0.0	5.2036910 05706787	784.18438 72070312	956.83319 09179688	621.29705 81054688	0.0	73.891731 26220703	07861328	3/5	31835938	00234370		60.876754 76074219	20.049240 11230468 8	634.7	114.75	1064	1042	1047	2022-08- 04T18:05: 22	2022-08- 04T18:32: 37	36.7	20220804-20
6910	reeling_ex change	412.80068 96972656	73.057617 1875	15.221995 35369873	0.0	0.0	5.0605592 72766113	759.76629 63867188	929.97271 72851562	607.73864 74609375	0.0	71.879318 23730469	23.845123 29101562 5	695.82952 88085938	890.66845 703125	508.01589 96582031	0.0	59.190731 04858398 4	19.524148 94104004	653.1	136.943	1244	1225	1227		2022-08- 04T18:05: 22	37.2	20220804-19
6909	nw_inf_ch ange																			633.3	129.28	0	2376	2391		2022-08- 04T18:03: 28	37.2	
6908	reeling_ex change	397.24761 96289062 5	72.250701 90429688	14.747364 04418945 3	0.0	0.0	4.8903632 16400146 5	731.09375	898.43493 65234375	591.81243 89648438	0.0	69.522186 27929688	23.059146 88110351 6	669.77441 40625	860.76080 32226562	494.87069 70214844	0.0	57.266067 50488281	18.880149 84130859 4	622.6	121.203	1107	1091	1093	2022-08- 04T17:05: 16	2022-08- 04T17:33: 33	37.1	20220804-18
6907	reeling_ex change	383.60784 91210937 5	71.518707 27539062	14.309858 32214355 5	0.0	0.0	4.7396950 72174072	703.81268 31054688	868.42498 77929688	576.66088 8671875	0.0	67.261581 42089844	22.308477 4017334	645.68908 69140625	833.09448 2421875	482.69122 31445312 5	0.0	55.456298 828125	18.303413 39111328	610.7	118.598	1026	1017	1022		2022-08- 04T17:05: 16	36.5	20220804-17
6906	reeling_ex change	354.69873 046875	70.027793 88427734	13.333694 45800781 2	0.0	0.0			818.10351 5625	551.06823 73046875	0.0	63.434471 13037109 4	21.033275 60424804 7	605.35565 18554688	786.62335 20507812	462.12185 66894531	0.0	52.429462 43286133	17.310657 50122070 3	967.8	238.253	2353	2344	2358		2022-08- 04T15:17: 50	37.2	20220804-16
6905	nw_sup_c hange																			1200.0	239.684	0	2376	2391		2022-08- 04T15:18: 11	37.1	
6904	nw_inf_ch ange																			1200.0	238.968	0	2376	2385		2022-08- 04T15:18: 02	37.4	
6903	reeling_ex change	331.40826 41601562 5	65.452163 69628906	12.458398 81896972 7	0.0	0.0	4.1368579 86450195	615.91778 56445312	765.47625 73242188	515.58367 91992188	0.0	59.338088 98925781	19.686305 99975586	566.28161 62109375	735.84741 2109375	432.30688 4765625	0.0	49.051113 12866211	16.201734 54284668	973.6	237.79	2385	2376	2391		2022-08- 04T14:18: 11	37.8	20220804-15
6902				11.564553 26080322 3	0.0	0.0	3.8376793 86138916	573.03601 07421875	712.10717 7734375	479.61209 10644531	0.0		4342041	40820312	00992188	29003906		45.658927 91748047	15.065599 44152832	975.0	243.173	2385	2380	2395	04T12:17:	2022-08- 04T13:17: 44	37.5	20220804-14
6901	reeling_ex change	284.05065 91796875	56.193645 47729492	10.668284 41619873	0.0	0.0	3.5417053 69949341	530.11132 8125	658.70770 26367188	443.61364 74609375	0.0	51.018970 48950195	16.941314 69726562 5	487.57278 44238281	633.48681 640625	372.23428 34472656	0.0	42.260204 31518555		966.8	236.186	2354	2348	2357	04T11:17:	2022-08- 04T12:17: 18	37.1	20220804-13
6900	nw_inf_ch ange																			958.1	233.653	0	2376	2380	04T12:16:	2022-08- 04T12:16: 41	37.7	
6899	nw_sup_c hange																			958.1	233.488	0	2376	2380		2022-08- 04T12:16: 40	37.6	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6898				20884766		0.0	3.2511677 74200439 5	487.51309 20410156	605.77832 03125	407.95849 609375	0	46.907302 85644531	15.582805 63354492 2	448.27703 85742187 5	582.10650 63476562	342.22741 69921875	0.0		12.825521 46911621 1		243.173	2385	2376	2385	2022-08- 04T10:17: 20	2022-08- 04T11:17: 41	37.8	20220804-12
6897	reeling_ex change	238.72094 7265625	47.225006 10351562 5	8.9567184 44824219	0.0	0.0	2.9762389 65988159	444.24584 9609375	552.07299 8046875	371.79870 60546875 0	.0	42.774257 65991211	14.190662 38403320 3	408.80462 64648437 5	530.66027 83203125	312.08670 04394531	0.0	35.399665 83251953	11.689120 29266357 4	971.4	244.211	2386	2378	2389	2022-08- 04T09:17: 02	2022-08- 04T10:17: 20	37.5	20220804-11
6896				8.0569295 88317871		0.0	2.6754388 8092041	400.70489 50195312 5	497.99072 265625	335.36541 74804687 0 5	.0	89306640	67474365	369.16143 79882812 5	479.18646 24023437 5	281.79510 49804687 5	0.0	31.999572 75390625	10.549046 51641845 7	961.7	239.57	2350	2341	2345	2022-08- 04T08:17: 36	2022-08- 04T09:17: 02	37.0	20220804-10
6895	nw_sup_c hange																			957.7	237.511	0	2376	2380	2022-08- 04T09:16: 32	2022-08- 04T09:16: 32	37.6	
6894	nw_inf_ch ange																			956.8	237.202	0	2374	2381	2022-08- 04T09:16: 27	2022-08- 04T09:16: 27	37.6	
6893	reeling_ex change	81201172	8/3//93			0.0	2.3871133 32748413	358.08737 18261719	445.09753 41796875	299.72430 41992187 0 5	.0	34.474346 16088867	11.451513 29040527 3	329.62356 56738281	427.69989 01367187 5	251.58970 64208984 4	0.0	7555751	9.4089479 44641113		241.736	2385	2376	2380	2022-08- 04T07:17: 15	2022-08- 04T08:17: 36	37.7	20220804-09
6892	reeling_ex change	168.97984 31396484 4	33.363956 45141601 6	6.3518481 25457764	0.0	0.0				263.80999 75585937 0 5		30.327289 58129882 8	10.047171 59271240 2	289.59933 47167969	375.13632 20214844	221.03945 92285156 2	0.0		8.2681636 81030273		239.919	2385	2378	2383	2022-08- 04T06:16: 56	2022-08- 04T07:17: 15	37.7	20220804-08
6891	reeling_ex change	146.05822 75390625	28.813673 01940918	5.4838800 43029785	0.0	0.0	1.8177404 40368652 3	271.84005 73730469	338.02932 73925781	227.59419 25048828 0	.0	26.166894 91271972 7	8.6712093 35327148	249.76351 92871093 8	322.70141 6015625	190.57769 77539062 5	0.0	21.672622 68066406 2	7.0947499 27520752	973.1	241.291	2380	2369	2375	2022-08- 04T05:16: 46	2022-08- 04T06:16: 56	37.1	20220804-07
6890	nw_sup_c hange																			968.3	238.225	0	2374	2381		2022-08- 04T06:16: 21	37.2	
6889	nw_inf_ch ange																			967.8	237.609	0	2378	2383	2022-08- 04T06:16: 15	2022-08- 04T06:16: 15	37.7	
6888			5	48773193		0.0	1.5256016 25442504 9	74609375	58886719	4		22.013843 53637695 3	7.2629961 96746826	209.96327 20947265 6	270.61035 15625	160.22306 82373047	0.0	00700021			239.64	2385	2374	2381	2022-08- 04T04:16: 24	2022-08- 04T05:16: 46	37.1	20220804-06
6887				3.7768869 40002441 4		0.0				154.77742 00439453 0		5	01032323		6	6		14.737338 06610107 4	4.8294420 24230957	971.8	243.553	2386	2377	2384	2022-08- 04T03:16: 07	2022-08- 04T04:16: 24	37.6	20220804-05
6886	reeling_ex change	76.328483 58154297	14.988798 14147949 2	2.8589003 08609009	0.0	0.0	0.9451180 10044097 9	141.76725 76904297	176.29750 06103515 6	118.71353 14941406 0 2	.0	13.665000 91552734 4	4.5206537 2467041	130.24246 21582031 2	167.55120 84960937 5	99.409767 1508789	0.0	11.342612 26654052 7	3.7146785 25924682 6	970.5	238.324	2349	2342	2347	2022-08- 04T02:16: 40	2022-08- 04T03:16: 07	37.6	20220804-04
6885	nw_inf_ch ange																			965.6	235.06	0	2374	2385	31	04T03:15: 31	37.7	
6884	nw_sup_c hange																			965.6	234.854	0	2374	2385	30	04T03:15: 30	37.2	
6883	reeling_ex change	53.398910 52246094	10.456619 26269531 2	1.9977096 31919860 8	0.0	0.0				82.977859 49707031 0		9.5717639 9230957						71010477	2.5951499 93896484 4		243.281	2386	2378	2383	2022-08- 04T01:16: 21	2022-08- 04T02:16: 40	37.4	20220804-03
6882	onango	0.00020.	0 . 0 0 2 0	U		0.0				46.730762 48168945 0	.0	5.4059171 67663574							O	980.4	241.525	2385	2381	2385	2022-08- 04T00:16: 02	2022-08- 04T01:16: 21	37.1	20220804-02
6881	reeling_ex change	6.7586989 402771	1.3167588 71078491 2	0.2466226 96518898	0.0	0.0	09401130			10.451549 53002929 0 7	.0	00//4100	419//310	11.231627 46429443 4	12211120	8.5673332 21435547	0.0		0.3068512 97616958 6	970.9	240.053	2383	2372	2381	45	04T00:16: 02	37.7	20220804-01
6880	nw_sup_c hange																			966.9	238.731	0	2376	2385	32	04T00:15: 32	37.4	
6879	nw_sup_c hange																			966.9	238.731	0	2376	2385	32	04T00:15: 32	37.4	
6878				19.788135 52856445 3		0.0	09/41211	01953125	2890625			84.809608 45947266						69.346687 31689453	22.874420 16601562 5	971.4	237.409	2385	2374	2385	24	03T23:15: 45	37.7	20220803-23
6877				18.908170 70007324 2		0.0	17706299	30914002	94921875			80.750373 84033203							21.745674 13330078		237.621	2386	2378	2388	06	03T22:15: 24	37.6	20220803-22
6876	reeling_ex change	447.98205 56640625	112.31026 45874023 4	18.025213 24157715	0.0	0.0	7.4225435 25695801	807.13281 25	1088.6018 06640625	549.02807 6171875 0	.0	76.599159 24072266	25.273872 37548828			456.56915 28320312 5	0.0	62.570690 1550293	20.628641 12854004	970.0	240.155	2384	2375	2384	46	03T21:15: 06	37.7	20220803-21
6875	nw_sup_c hange																			965.6	235.608	0	2373	2383		2022-08- 03T21:14: 35	37.7	

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6874	nw_inf_ch ange																			965.2	235.406	0	2373	2383		2022-08- 03T21:14: 31	37.6	
6873	reeling_ex change	423.30136 10839844	107.46935 27221679 7	17.101276 39770507 8	0.0	0.0	7.1158337 59307861	764.42321 77734375	1035.5426 02539062 5	513.26855 46875	.0	72.508125 30517578	23.916061 40136718 8	694.67938 23242188	977.44586 18164062	426.62689 20898437 5	0.0		19.501548 76708984 4	967.8	237.79	2385	2376	2385	2022-08- 03T19:14: 27	2022-08- 03T20:14: 46	37.6	20220803-20
6872	criarige	397.16467 28515625	7	6		0.0	6.7893643 37921143	721.86163 33007812	982.64520 26367188	477.62335 20507812 0 5	.0	68.387962 3413086	22.561708 45031738 3	655.85913 0859375	927.58282 47070312	396.99621 58203125	0.0	12695312	18.402225 49438476 6	971.0	236.58	2385	2378	2388		2022-08- 03T19:14: 27	37.2	20220803-19
6871	reeling_ex change	372.69366 45507812 5	97.618019 1040039	15.197109 22241211	0.0	0.0	6.4864921 56982422	679.60131 8359375	930.13348 38867188	442.23577 88085937 0 5	.0	64.305671 69189453	21.198987 96081543	616.53820 80078125	876.95861 81640625	366.96701 04980469	0.0	52.424587 24975586	17.278284 07287597 7	972.2	239.551	2408	2394	2406		2022-08- 03T18:14: 08	37.7	20220803-18
6870	nw_sup_c hange																			968.7	239.283	0	2373	2383	2022-08- 03T18:13: 42	2022-08- 03T18:13: 42	37.2	
6869	nw_inf_ch ange																			967.8	238.98	0	2207	2213	2022-08- 03T18:13: 37	2022-08- 03T18:13: 37	37.8	
6868		346.42376 70898437 5				0.0	08843994	01367188	876.65228 27148438	83691406	.0	24609375	90991211		734375	30078125	0.0	59985351 6	16.139339 44702148 4		234.552	2385	2373	2383	2022-08- 03T16:12: 54	2022-08- 03T17:13: 14	37.3	20220803-17
6867	reeling_ex change	321.55688 4765625	87.648017 88330078	13.264878 27301025 4	0.0	0.0	5.8611211 7767334	593.75726 31835938	823.48284 91210938	370.34490 96679687 0 5	.0	56.072460 17456055							03203310		237.51	2386	2385	2384	2022-08- 03T15:12: 37	2022-08- 03T16:12: 54	37.1	20220803-16
6866	reeling_ex change	296.09240 72265625	82.631500 24414062	12.307809 82971191 4	0.0	0.0	5.5421442 98553467	551.22998 046875	770.63403 3203125	334.73150 63476562 0 5	.0	51.971637 72583008	17.118043 89953613 3	498.04837 03613281	723.77319 3359375	276.46780 39550781	0.0	09/7169	13.872345 92437744 1	948.4	226.348	2273	2265	2271		2022-08- 03T15:12: 37	37.1	20220803-15
6865	nw_inf_ch ange																			943.6	224.436	0	2238	2243	2022-08- 03T15:12: 03	2022-08- 03T15:12: 03	37.8	
6864	nw_inf_ch ange																			943.6	224.436	0	2238	2243	03T15:12: 03	2022-08- 03T15:12: 03	37.8	
6863		272.64392 08984375				0.0	66186523	64746094	30664062			48.030761 71875						38.974590 30151367		935.9	218.376	2215	2207	2213	05	03T14:15: 05	37.3	20220803-14
6862	change	249.31571 96044922	03390430	44519043		0.0	98492432	453125	9700020				95/03125	64000781	50054088	000/3828		43407303	7	937.4	221.435	2215	2210	2213	09	03T13:19: 05	37.2	20220803-13
6861	change	226.65815 73486328	54101562	70617676		0.0				234.67828 36914062 0 5		40.415863 03710937 5						4	88598632 8	448.2	45.9858	460	463	463	30	03T12:23: 09	37.5	20220803-12
6860	reeling_ex change	206.66101 07421875	64.852500 91552734	8.9159727 09655762	0.0	0.0	4.4247007 36999512	410.91790 77148437 5	596.07366 94335938	217.52572 63183593 0 8	.0	38.374534 60693359 4	12.639288 90228271 5	369.15383 91113281	555.31933 59375	178.20883 17871093 8	0.0		10.190086 36474609 4	931.7	192.591	2270	2238	2243	03	03T10:52: 30	37.4	20220803-11
6859	nw_sup_c hange																			1200.0	0.6847	0	2238	2243	15	03T10:53: 15	37.8	
6858	nw_inf_ch ange																			1200.0	0.256762	0	2349	2352	03T10:53: 09	2022-08- 03T10:53: 09	37.1	
6857	change	188.96232 60498047	85020117	02502441		0.0				198.87754 82177734 0 4		35.082145 69091797	-	-	•		0.0	65185547	9.3042964 93530273	959.5	200.593	2386	2353	2358	44	03T09:55: 03	37.1	20220803-10
6856		170.31437 68310547				0.0	143921	58105469	9375	179.32498 16894531 0 2		31.623014 45007324 2	43347168	13769531	91308594	6		25.483011 24572754	1017004		198.776	2385	2357	2362	03T07:54: 24	2022-08- 03T08:54: 44	37.3	20220803-09
6855	reeling_ex change	151.45265 19775390 6	47.547218 32275390 6	6.5315465 92712402	0.0	0.0	3.6721589 5652771	301.69909 66796875	437.47341 91894531	159.63932 80029297	.0	28.162378 31115722 7	9.3110742 56896973	270.73562 62207031	405.07702 63671875	130.68766 78466797	0.0	22.664075 85144043	7.4946937 56103516	947.7	193.304	2320	2284	2287	43	03T07:54: 24	37.5	20220803-08
6854	nw_sup_c hange																			943.6	194.275	0	2349	2352	56	03T07:53: 56	37.7	
6853	nw_inf_ch ange																			942.7	193.405	0	2345	2345	51	03T07:53: 51	37.1	
6852	reeling_ex change	132.37251 28173828	94921875	530/61/2		0.0				140.18547 05810547		24.708059 31091308 6						3		****	202.241	2386	2349	2352	03T05:55: 22		37.6	20220803-07
6851	reeling_ex change	113.12881 46972656 2	35.530406 9519043	4.9128613 47198486	0.0	0.0	3.1447916 03088379	227.09721 37451172	329.16601 5625	120.10372 92480468 0 8	.0	21.193593 97888183 6	6.9983253 47900391	203.34620 66650390 6	304.01232 91015625	98.159233 09326172	0.0	17.026115 41748047	5.6237330 43670654	964.8	203.269	2386	2362	2365	2022-08- 03T04:55: 03	2022-08- 03T05:55: 22	37.6	20220803-06

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6850	reeling_ex change	93.777946 47216797	29.425916 67175293	4.0619735 71777344	0.0	0.0	2.6057937 14523315 4	188.80496 21582031 2	273.63812 25585937 5	99.842445 37353516	.0	17.623807 90710449 2	5.8265681 26678467	168.76066 58935547	252.42965 69824218 8	81.485496 5209961	0.0	14.161520 00427246 1	4.6794204 71191406	963.8	204.305	2402	2371	2371	2022-08- 03T03:54: 18	2022-08- 03T04:55: 03	37.2	20220803-05
6849	nw_sup_c hange																			960.3	202.55	0	2345	2345	2022-08- 03T04:54: 38	2022-08- 03T04:54: 38	37.6	
6848	nw_inf_ch ange																			959.9	202.207	0	2347	2347	2022-08- 03T04:54: 31	2022-08- 03T04:54: 31	37.2	
6847	reeling_ex change	75.131210 32714844	23.574615 47851562 5	3.2479035 8543396	0.0	0.0	2.0887491 70303344 7	149.92834 47265625	217.29028 3203125	79.278839 11132812	.0	13.995676 04064941 4	4.6220412 2543335	134.23101 80664062 5	200.88325 50048828	64.795043 9453125	0.0		3.7131307 12509155 3	960.2	201.482	2375	2345	2345	2022-08- 03T02:54: 13	2022-08- 03T03:54: 18	37.0	20220803-04
6846				2.4321901 79824829		0.0	1.5595093 96553039 6	111.47145 84350586	161.53129 57763672	58.937122 3449707 0	.0	10.375914 57366943 4	3.4528431 89239502	99.760429 38232422	149.54273 98681640 6	48.150928 49731445	0.0	8.3475017 54760742	2.7549884 31930542	964.0	202.619	2376	2351	2352	2022-08- 03T01:54: 10	2022-08- 03T02:54: 13	37.8	20220803-03
6845	reeling_ex change	36.924579 62036133	11.606512 06970214 8	1.6051932 57331848 1	0.0	0.0	1.0270861 38725280 8	73.106063 84277344	105.94038 39111328 1	38.646808 62426758 0	.0			65.233383 17871094			0.0		1.7935687 30354309	951.9	200.783	2360	2330	2330	2022-08- 03T00:54: 27	2022-08- 03T01:54: 10	37.6	20220803-02
6844	nw_sup_c hange																			948.9	198.948	0	2347	2347	2022-08- 03T01:53: 44	2022-08- 03T01:53: 44	37.3	
6843	nw_inf_ch ange																			947.6	198.771	0	2349	2348	2022-08- 03T01:53: 37	2022-08- 03T01:53: 37	37.3	
6842				0.7838160 99166870 1		0.0	0.4940958 02307128 9	35.120822 90649414	50.905822 75390625	18.564895 62988281 0 2	.0	3.2913174 62921142 6	1.0936225 65269470 2	31.249340 05737304 7	47.494243 62182617	15.081625 93841552 7	0.0	2.6110680 103302	0.8533504 00924682 6	956.4	199.208	2375	2347	2347	2022-08- 02T23:54: 21	2022-08- 03T00:54: 27	37.1	20220803-01
6841	reeling_ex change	495.42044 06738281	125.95610 04638671 9	19.283487 31994629	0.0	0.0	8.9278764 72473145	776.42327 88085938	1304.5404 05273437 5	667.10345 45898438 0	.0	85.990104 67529297	28.355165 48156738 3	709.75762 93945312	1230.7006 8359375	562.72430 41992188	0.0	71.013114 92919922	23.460550 30822754	960.3	203.416	2376	2353	2355	2022-08- 02T22:54: 07	2022-08- 02T23:54: 21	37.4	20220802-27
6840	reeling_ex change	476.13522 33886719	119.83654 02221679 7	18.457412 71972656 2	0.0	0.0	8.3883790 96984863	738.06060 79101562	1248.9106 4453125	646.81713 8671875 0	.0	82.416786 19384766	27.160707 47375488 3	675.07098 38867188	1179.6107 17773437 5	545.98919 67773438	0.0	68.161163 33007812	22.505731 5826416	947.6	200.632	2369	2342	2347	2022-08- 02T21:54: 21	2022-08- 02T22:54: 07	37.2	20220802-26
6839	nw_sup_c hange																			944.0	200.632	0	2356	2357	2022-08- 02T22:53: 37	2022-08- 02T22:53: 37	37.7	
6838	nw_inf_ch ange																			943.1	200.545	0	2356	2357	2022-08- 02T22:53: 34	2022-08- 02T22:53: 34	37.7	
6837	onango	00011001	6	17.626102 44750976 6		0.0	7.8476343 15490723	700.18743 89648438	1194.0274 65820312 5	626.77117 91992188 0	.0	78.897644 04296875	26.016044 61669922	640.80371 09375	1128.7633 05664062 5	529.44891 35742188	0.0	00044001	21.548507 69042968 8	947.1	200.513	2375	2349	2348	2022-08- 02T20:55: 33	2022-08- 02T21:54: 21	37.0	20220802-25
6836	reeling_ex change	438.83395 38574219	108.08290 86303711	16.828754 42504882 8	0.0	0.0	7.3522400 85601807	663.35638 42773438	1140.6596 6796875	607.30395 5078125 0	.0	75.437057 49511719	24.859487 53356933 6	608.19317 62695312	1079.7484 13085937 5	513.70288 0859375	0.0	62.506237 0300293	20.657644 27185058 6	951.1	196.935	2376	2347	2347	2022-08- 02T19:56: 47	2022-08- 02T20:55: 33	37.1	20220802-24
6835	reeling_ex change	420.69580 078125	102.37164 30664062 5	16.040817 26074218 8	0.0	0.0	6.8446784 01947021 5	626.35284 42382812	1087.0076 90429687 5	587.71856 68945312 0	.0	72.028594 97070312	23.726531 98242187 5	575.55749 51171875	1029.8206 78710937 5	497.95523 07128906	0.0		19.771038 05541992 2	932.8	192.294	2289	2265	2266	2022-08- 02T18:59: 56	2022-08- 02T19:56: 47	37.7	20220802-23
6834	nw_sup_c hange																			926.9	195.027	0	1991	1994	2022-08- 02T19:56: 19	2022-08- 02T19:56: 19	37.6	
6833	nw_inf_ch ange																			926.0	194.606	0	1991	1994	2022-08- 02T19:56: 15	2022-08- 02T19:56: 15	37.6	
6832	reeling_ex change	402.14227 29492187 5	96.521125 79345703	15.232698 44055175 8	0.0	0.0	6.3330459 59472656	590.59460 44921875	1035.1602 78320312 5	568.79400 63476562 0	.0	68.673805 2368164	22.599777 22167968 8	543.69030 76171875	981.98663 33007812	482.56600 95214844	0.0		18.890665 05432129	951.6	202.619	2375	2356	2357	2022-08- 02T18:00: 40	2022-08- 02T18:59: 56	37.1	20220802-22
6831	reeling_ex change	383.95858 76464844	90.755462 64648438	14.440441 13159179 7	0.0	0.0	28466797	35546875	981.62268 06640625	50976562	.0			510.51904 296875				54.373542 78564453	5		203.248	2376	2359	2359	2022-08- 02T17:01: 27	2022-08- 02T18:00: 40	37.7	20220802-21
6830	reeling_ex change	365.52255 24902344	84.923469 54345703	13.634309 76867675 8	0.0	0.0	5.3173379 89807129	516.44219 97070312	927.69104 00390625	529.55920 41015625	.0	61.758384 70458984 4	20.350473 40393066 4	476.99688 72070312 5	883.15606 68945312	450.38348 38867187 5	0.0	51.545120 23925781	17.041509 6282959	876.2	169.559	2003	1967	1970	27	02T17:01: 27	37.3	20220802-20
6829	nw_sup_c hange																			871.7	167.987	0	2212	2248	2022-08- 02T17:00: 56	2022-08- 02T17:00: 56	37.7	
6828	nw_sup_c hange																			871.7	167.987	0	2212	2248	2022-08- 02T17:00: 56	2022-08- 02T17:00: 56	37.7	
6827	reeling_ex change	348.84667 96875	79.659461 97509766	12.949370 38421630 9	0.0	0.0	4.8553280 8303833	482.88513 18359375	879.05322 265625	511.81039 42871094 0	.0	58.591205 59692383	19.321023 94104004	447.14443 96972656	838.90222 16796875	435.97573 85253906	0.0	49.010231 01806640 6	16.200466 15600586	889.8	195.201	2027	1991	1994	2022-08- 02T15:20: 52	2022-08- 02T16:11: 27	37.7	20220802-19

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6826	reeling_ex change	331.67041 015625	74.276916 50390625	12.227169 03686523 4	0.0	0.0	4.3757891 65496826	446.84710 69335937 5	826.80706 78710938	492.75128 17382812 5	0.0	5	10876465	28125	790.73657 2265625	61816406		46.292091 36962890 6	15.315015 79284668	890.3	195.585	2004	1972	1974		2022-08- 02T15:20: 52	37.1	20220802-18
6825	reeling_ex change	314.22164 91699219	68.783782 95898438	11.463655 47180175 8	0.0	0.0				473.60919 18945312 5		4	2	0790075		09100130			14.410747 52807617 2	690.6	113.742	1175	1170	1179		2022-08- 02T14:30: 54	37.5	20220802-17
6824	reeling_ex change	289.40695 19042969	61.194869 99511719	10.471461 29608154 3	0.0	0.0	3.6412367 82073974 6	375.15997 31445312 5	722.73730 46875	454.43136 59667969	0.0	48.512001 03759765 6	15.980840 68298339 8	350.73724 36523437 5	694.96380 61523438	389.09490 96679687 5	0.0	40.916503 90625	13.511355 40008545	943.8	217.64	2238	2212	2248		2022-08- 02T12:31: 55	42.2	20220802-16
6823	nw_sup_c hange																			176.0	0.0986959	0	2344	2374		2022-08- 02T12:32: 30	42.1	
6822	nw_inf_ch ange																			176.0	221.768	0	2344	2374		2022-08- 02T12:32: 26	42.0	
6821				9.7193374 63378906		0.0	6	203125	0703125			44.914409 63745117						33313023		974.5	229.839	2377	2355	2390	2022-08- 02T10:48: 52	2022-08- 02T11:41: 55	41.5	20220802-15
6820				8.8943061 82861328		0.0	4	06542969	4609375			41.138286 59057617	13.549359 32159423 8	297.85424 8046875	589.08410 64453125	330.40371 70410156	0.0	34.716045 37963867	11.472387 31384277 3	980.1	233.174	2377	2354	2391		2022-08- 02T10:48: 52	42.1	20220802-14
6819	reeling_ex change	224.05093 38378906 2	47.433792 11425781	8.1160392 76123047	0.0	0.0	2.8185760 97488403 3	288.71154 78515625	555.99804 6875	349.63098 14453125	0.0	37.367588 04321289	12.303910 25543212 9	270.45843 50585937 5	534.22137 45117188	300.02795 41015625	0.0	31.542257 30895996	10.420353 88946533 2	964.8	226.124	2325	2291	2324		2022-08- 02T09:50: 22	37.3	20220802-13
6818	nw_sup_c hange																			961.2	224.987	0	2344	2374	02T09:49: 58	2022-08- 02T09:49: 58	37.5	
6817	nw_inf_ch ange																			960.3	224.593	0	2341	2377	02T09:49: 51	2022-08- 02T09:49: 51	37.2	
6816				7.2750630 37872314 5		0.0	2	1484375	5537 1094			33.648391 72363281						3			231.035	2376	2344	2374	02T07:52: 51	2022-08- 02T08:52: 13	37.4	20220802-12
6815				6.4597954 75006103 5		0.0	2.2503545 28427124					29.858329 77294922						42023231		976.5	233.062	2376	2347	2378	02T06:53: 36	2022-08- 02T07:52: 51	37.2	20220802-11
6814	reeling_ex change	156.62155 15136718 8	33.092529 296875	5.6398148 53668213	0.0	0.0	1.9755113 12484741 2	202.15766 90673828	388.79846 19140625	244.51826 47705078	0.0	26.062189 10217285	8.6044778 82385254	190.14944 45800781 2	373.84442 13867187 5	210.93438 72070312 5	0.0		7.3244099 61700439 5	925.8	212.196	2173	2142	2174	02T05:59: 21	2022-08- 02T06:53: 36	37.7	20220802-10
6813	nw_sup_c hange																			919.8	211.453	0	2341	2377	08	02T06:53: 08	37.7	
6812	nw_inf_ch ange																			918.9	210.865	0	2339	2381	02T06:53: 02	2022-08- 02T06:53: 02	37.0	
6811				4.9180741 31011963		0.0				212.58175 65917968 8		0400200	20401110	03020172		6		0020120	6.3618512 15362549		229.388	2376	2341	2377	02T05:00: 05	2022-08- 02T05:59: 21	37.0	20220802-09
6810				4.1526722 90802002		0.0				177.54533 38623047		5	34967041	45263672	271.21939 08691406	36328125		5	5.3306159 97314453		227.362	2375	2343	2379	02T04:00: 55	2022-08- 02T05:00: 05	37.1	20220802-08
6809				3.3402638 43536377		0.0				142.53004 45556640 6	0.0	15.187506 67572021 5					0.0	4	4.2772569 65637207	271.9	11.5696	139	138	140	22	02T04:00: 55	37.1	20220802-07
6808	reeling_ex change	90.447273 25439453	19.049024 58190918	3.2710661 88812256	0.0	0.0	1.1436054 70657348 6	116.80688 4765625	223.70001 22070312 5	140.68710 32714843 8	0.0	15.017536 16333007 8	4.9644384 38415527	109.34844 97070312 5	214.33067 32177734 4	121.30292 51098632 8	0.0	12.785573 95935058 6	4.2246580 12390137	909.7	200.816	2095	2063	2100	02T03:04: 49	2022-08- 02T03:57: 22	37.1	20220802-06
6807	nw_sup_c hange																			906.1	198.984	0	2339	2381	02T03:56: 56	2022-08- 02T03:56: 56	37.6	
6806	nw_inf_ch ange		11000	0.505555			0.000		474 51515	100 7:222									0.000====	904.8	198.499	0	2358	2388	02T03:56: 48		37.0	
6805	reeling_ex change	71.045783 99658203	14.980154 03747558 6	2.5686964 98870849 6	0.0	0.0				109.74823 76098632 8		11.678972 24426269 5	67727661	77246094	58984375	75		25505170			227.476	2375	2339	2381	02T02:05: 15	2022-08- 02T03:04: 49	37.1	20220802-05
6804	change	4	2	1.7586756 94465637 2		0.0				74.264335 63232422		7.9274840 35491943						14311330	2.2491035 46142578		229.122	2375	2349	2388	02T01:05: 48	2022-08- 02T02:05: 15	37.1	20220802-04
6803	reeling_ex change	25.675840 37780761 7	5.4248476 02844238	0.9252623 91567230 2	0.0	0.0	0.3252106 90498352 05	33.272144 31762695	62.264053 34472656	39.151348 11401367	0.0	4.1529912 9486084	1.3970887 66098022 5	30.720422 74475097 7	60.148647 30834961	34.042171 47827148 4	0.0	3.5386755 46646118	1.1943992 37632751 5	293.8	14.6212	170	169	172		2022-08- 02T01:05: 48	37.2	20220802-03

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6802	reeling_ex change	23.338331 22253418	4.9399194 71740723	0.8457378 14903259 3	0.0	0.0	0.2976241 70780181 9	31.145605 08728027 3	58.161148 07128906	36.590950 01220703	0.0	3.8653552 53219604 5		28.784713 74511718 8	56.366279 60205078	31.917398 45275879	0.0		1.1151481 86683654 8	925.8	205.138	2153	2136	2163	2022-08- 02T00:07: 26	2022-08- 02T01:01: 29	37.1	20220802-02
6801	nw_sup_c hange																			918.5	204.493	0	2358	2388	2022-08- 02T01:01: 07	2022-08- 02T01:01: 07	37.3	
6800	nw_inf_ch ange																			917.6	204.844	0	2350	2383		2022-08- 02T01:01	37.3	
6799	reeling_ex change	2003/39/	83296966	0.0997482 24020004 27	0.0	0.0	0.0376022 34631776 81	4.0300874 71008301	7.5249977 11181641	4.7414159 77478027	0.0	0.4618450 99925994 9						0.4258888 36383819 6	0.1600563 67516517 64	974.7	228.291	2375	2358	2388	2022-08- 01T23:07: 53	2022-08- 02T00:07: 26	37.2	20220802-01
6798	reeling_ex change	50976562	104.29523 46801757 8	18.612163 54370117 2	0.0	0.0	6.2124462 12768555	710.08221 43554688	1200.3354 4921875	736.39276 12304688	0.0	81.425392 1508789	26.914447 78442382 8	623.89697 265625	1156.7526 85546875	628.67840 57617188	0.0		22.662624 35913086	975.9	230.148	2375	2358	2389		2022-08- 01T23:07: 53	37.2	20220801-25
6797	reeling_ex change	470.34548 95019531	99.491516 11328125	17.774547 57690429 7	0.0	0.0	5.9261527 0614624	679.71563 72070312	1144.8413 0859375	701.48828 125	0.0	77.676902 7709961	25.681985 85510254	596.46441 65039062	1103.0197 75390625	598.28387 45117188	0.0	373	21.593847 27478027 3	277.8	12.572	149	148	150	2022-08- 01T22:04: 37	2022-08- 01T22:08: 26	37.7	20220801-24
6796	reeling_ex change	468.24804 6875	99.039642 33398438	17.703729 6295166	0.0	0.0	5.8975124 35913086	677.93450 92773438	1141.6021 72851562 5	699.45611 57226562	0.0	77.446899 4140625	25.599611 28234863 3	594.81140 13671875	1099.7397 4609375	596.43566 89453125	0.0	65.134109 49707031	21.540205 00183105 5	963.8	229.812	2358	2333	2361		2022-08- 01T22:04: 37	37.5	20220801-23
6795	nw_sup_c hange																			959.9	228.954	0	2350	2383	2022-08- 01T22:04: 08	2022-08- 01T22:04: 08	37.7	
6794	nw_inf_ch ange																			959.0	228.46	0	2350	2388	01T22:04:	2022-08- 01T22:04: 01	37.7	
6793	reeling_ex change	445.74942 01660156	94.247413 6352539	16.885686 87438965	0.0	0.0	5.6206059 45587158	647.57690 4296875	1086.3417 96875	664.70996 09375	0.0	73.774452 20947266	24.362588 88244629	567.73785 40039062	1046.4650 87890625	566.42004 39453125	0.0	61.965515 13671875	20.489347 45788574 2	965.2	230.768	2375	2350	2383	2022-08- 01T20:05: 55	2022-08- 01T21:05: 29	37.3	20220801-22
6792	reeling_ex change	423.19409 1796875	89.515701 29394531	16.055225 37231445 3	0.0	0.0	5.3357644 08111572	616.73840 33203125	1030.25	629.44335 9375	0.0	70.001228 33251953	23.122592 92602539	540.63769 53125	992.83184 81445312	536.37951 66015625	0.0	58.807052 61230469	19.461439 13269043	965.2	230.43	2375	2356	2392	2022-08- 01T19:06: 23	2022-08- 01T20:05: 55	37.7	20220801-21
6791	reeling_ex change	400.32861 328125	84.704238 89160156	15.227447 50976562 5	0.0	0.0			974.38525 390625		0.0	66.241821 2890625	21.907712 93640136 7	513.67242 43164062	938.76062 01171875	506.40219 11621094	0.0	55.710094 4519043	18.401966 09497070 3	961.3	229.058	2360	2335	2373	2022-08- 01T18:07: 11	2022-08- 01T19:06: 23	37.3	20220801-20
6790	nw_sup_c hange																			956.8	225.614	0	2098	2132		2022-08- 01T19:05: 50	37.7	
6789	nw_inf_ch ange																			956.4	225.516	0	2098	2132	2022-08- 01T19:05: 47	2022-08- 01T19:05: 47	37.5	
6788	reeling_ex change	377.13848 87695312 5	79.847801 2084961	14.388651 84783935 5	0.0	0.0			918.55499 26757812		0.0	62.483066 55883789	20.663902 28271484 4	486.63302 61230469	885.10510 25390625	476.39880 37109375	0.0		17.368457 79418945 3	966.5	231.246	2375	2350	2388		2022-08- 01T18:07: 11	37.6	20220801-19
6787	reeling_ex change	354.02282 71484375	75.007385 25390625	13.570690 15502929 7	0.0	0.0	4.4593334 19799805	524.53735 3515625	862.67816 16210938	524.06219 48242188	0.0	58.793148 04077148 4	19.412097 93090820 3	459.67697 14355469	831.36938 4765625	446.46963 50097656	0.0	49.408321 38061523 4	16.335374 83215332	965.6	231.795	2375	2354	2393	2022-08- 01T16:08: 06	2022-08- 01T17:07: 37	37.4	20220801-18
6786	reeling_ex change	331.17300 41503906	70.214340 20996094	12.743254 66156005 9	0.0	0.0	4.1718487 73956299	493.80596 92382812 5	806.82604 98046875	488.94613 64746094	0.0	55.044593 81103515 6	18.180137 63427734 4	432.52465 8203125	776.89276 12304688	416.33862 3046875	0.0	46.222454 07104492		961.0	224.101	2328	2308	2346	2022-08- 01T15:09: 47	2022-08- 01T16:08: 06	37.8	20220801-17
6785	nw_sup_c hange																			954.6	222.157	0	2098	2132	2022-08- 01T16:07: 35	2022-08- 01T16:07: 35	37.6	
6784	nw_inf_ch ange																			953.7	221.67	0	704	713		2022-08- 01T16:07: 29	37.0	
6783	reeling_ex change	308.79629 51660156	65.431373 5961914	11.936059 95178222 7	0.0	0.0	3.8884322 64328003	463.40609 74121094	751.54608 15429688	454.18246 45996094	0.0	51.286975 8605957	16.974342 34619140 6	405.73715 20996094	723.62036 1328125	386.58969 11621094	0.0	43.093318 93920898 4	14.236413 00201416	917.6	201.928	2115	2098	2132		2022-08- 01T15:09: 47	37.1	20220801-16
6782	reeling_ex change	288.14013 671875	61.036922 45483398 4	11.195832 25250244 1	0.0	0.0			701.30737 3046875		0.0	47.936473 84643555						40.246433 25805664	13.295530 31921386 7	383.5	28.1918	305	303	307	2022-08- 01T14:00: 58	2022-08- 01T14:16: 56	37.3	20220801-15
6781				11.004288 67340087 9	0.0	0.0	3.5656063 55667114 3	431.13366 69921875	692.87310 79101562	417.28363 03710937 5	0.0	47.369522	15.672427		666.88903	354.89559		39.759742	13.155917 16766357		231.485	2376	2365	2401	2022-08- 01T13:01: 32	2022-08- 01T14:00: 58	37.3	20220801-14
6780				10.208387 37487793		0.0	3.2822222	399.88500		381.61343		43.562374 11499023 4	14.411705 97076416	349.67663 57421875	611.86840 8203125	324.37591 55273437 5	0.0	36.541675 56762695	12.085446 35772705	794.2	156.032	1609	1596	1617	01T12:21:	2022-08- 01T13:01: 32	37.4	20220801-13
6779	nw_sup_c hange																			790.2	154.416	0	704	713	2022-08-		37.7	
6778	nw_inf_ch ange																			788.9	154.066	0	2354	2392	0000 00	2022-08- 01T13:01:	37.5	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6778	nw_inf_ch ange																			788.9	154.066	0	2354	2392	01	01	37.5	
6777	reeling_ex change	244.12335 20507812 5	51.644226 07421875	9.6232404 7088623	0.0	0.0	3.0777575 96969604 5	378.70288 0859375	597.62683 10546875	357.43377 68554687 5	0.0	40.998596 19140625	13.551513 671875	331.13931 27441406	574.09924 31640625	303.76797 48535156	0.0	34.351512 90893555	11.374125 48065185 5	546.1	68.5166	705	704	713		2022-08- 01T12:21: 17	37.1	20220801-12
6776	reeling_ex change	227.16610 71777343 8	48.041877 74658203	8.9703607 5592041	0.0	0.0	2.8683643 34106445 3	362.42459 10644531	568.59765 625	339.25814 81933594	0.0	39.011066 43676758	12.893286 70501709	316.83438 11035156	545.54486 08398438	288.32910 15625	0.0	32.698139 19067383	10.829484 93957519 5	971.4	226.665	2375	2359	2395	2022-08- 01T09:46: 35	2022-08- 01T10:46: 55	36.7	20220801-11
6775	reeling_ex change	204.96418 76220703	43.330883 02612305	8.1184129 71496582	0.0	0.0	2.5866522 78900146 5	328.02804 56542969	514.58099 36523438	307.01770 01953125	0.0	35.316768 64624023 4	11.690032 00531005 9	287.07785 03417969	493.86572 265625	261.24328 61328125	0.0	29.690832 13806152 3	9.8186693 19152832	970.5	212.754	2375	2361	2396	2022-08- 01T08:46: 17	2022-08- 01T09:46: 35	37.0	20220801-10
6774	reeling_ex change	183.78453 06396484 4	38.858173 37036133	7.2611556 05316162	0.0	0.0	2.3172693 25256347 7	295.04504 39453125	462.76196 2890625	276.10494 99511719	0.0	31.735036 84997558 6	10.508522 98736572 3	258.49517 82226562 5	443.82461 54785156	235.21331 78710937 5	0.0	26.686994 55261230 5	8.8246908 18786621	958.1	211.845	2336	2316	2352		2022-08- 01T08:46: 17	36.6	20220801-09
6773	nw_sup_c hange																			954.6	210.823	0	2354	2391	2022-08- 01T08:45: 50	2022-08- 01T08:45: 50	37.1	
6772	nw_inf_ch ange																			954.2	210.64	0	2354	2391	2022-08-		37.1	
6771	reeling_ex change	163.68659 97314453	34.554004 66918945	6.4559025 76446533	0.0	0.0	2.0635013 58032226 6	262.07525 63476562 5	410.99218 75	245.21218 87207031	0.0	28.207986 83166504	9.3185949 32556152	230.00474 54833984 4	393.91915 89355469	209.28576 66015625	0.0	23.789096 83227539	7.8726840 01922607	968.3	217.594	2375	2354	2392	2022-08- 01T06:46: 35	2022-08- 01T07:46: 55	36.5	20220801-08
6770	reeling_ex change	142.66694 64111328	30.058938 98010254	5.6206269 26422119	0.0	0.0			358.97787 47558594	214.19454 95605468 8	0.0		8 1485624	200 72651	342 56311	182.62229		20.764080 04760742 2	6.8435101 50909424	973.6	215.873	2375	2358	2396	2022-08-		36.7	20220801-07
6769	reeling_ex change	121.17633 05664062 5	25.560535 43090820 3	4.7525525 09307861	0.0	0.0				183.25189 20898437 5		21.076103 21044922					0.0	=	5.8888525		212.928	2331	2306	2343			36.9	20220801-06
6768	nw_inf_ch ange						•													952.9	210.346	0	2355	2393	2022-08-		36.6	
6767	nw_sup_c hange																			952.9	209.998	0	2355	2393	2022-08-		37.3	
6766	reeling_ex change	100.70526 88598632 8	21.246294 02160644 5	3.9319837 09335327	0.0	0.0	1.2723759 41276550 3	162.73181 15234375	255.15388 48876953	152.25366 2109375	0.0	17.539903 64074707	5.7814149 85656738	143.16723 6328125	242.23098 75488281	130.25210 57128906	0.0	14.769430 16052246 1	4.8895478 24859619	973.6	216.042	2375	2354	2391	2022-08-		37.2	20220801-05
6765		79.453903 19824219	-			0.0				120.46253 20434570 3	0.0	13.907239 91394043				103.18553 16162109	0.0	11.699821 47216796	3.8778293 13278198 2	978.2	219.634	2375	2359	2393	2022-08-	*=	37.0	20220801-04
6764		58.432113 64746094				0.0				88.336456 29882812			0.0440047	00.057070	440.04050	75 744004			2.8591897	965.2	218.229	2364	2339	2377	2022-08- 01T01:46: 29		37.2	20220801-03
6763	nw_sup_c hange		v																	959.9	217.706	0	2355	2393	2022-08-		37.0	
6762	nw_inf_ch ange																			959.5	217.331	0	2291	2325	2022-08-		36.9	
6761	reeling_ex change	36.563209 53369140 6	7.7517027 85491943	1.4373250 00762939	0.0	0.0	0.4644651 11494064 33	60.349792 48046875	94.612182 6171875	56.429161 07177734	0.0	6.4921231 26983643	2.1438362 59841919	53.246284 48486328	90.209381 10351562	48.429943 0847168	0.0	5.4663128 85284424	1.8057693 24302673	966.1	220.637	2375	2355	2393	2022-08- 01T00:46: 10		37.2	20220801-02
6760	reeling_ex	16.359096 52709961	3.4390308	0.6441174		0.0				24.498411 17858886 7	0.0	2.7931280 1361084	0.9214851 26018524	23.027347 56469726	39.100090 02685547	20.961036 68212890	0.0	2.3322753 90625	0.7777851 22394561 8	968.7	219.803	2375	2360	2398	2022-07-		36.7	20220801-01
6759	reeling_ex change	496.43130 49316406	105.20257 56835937	19.708156 58569336	0.0	0.0				724.96386 71875		82.236259 46044922						C0 700000	22.735746 38366699 2	935.7	204.362	2242	2221	2254	2022-07- 31T22:48:		37.0	20220731-27
6758	nw_sup_c hange																		_		203.204	0	2344	2378	2022-07- 31T23:45: 18	2022-07- 31T23:45:	36.8	
6757	nw_inf_ch ange																			930.4	203.492	0	2344	2378	2022-07- 31T23:45: 14	2022-07- 31T23:45:	37.1	
6756		476.86737 06054687 5	101.07459 25903320	18.937387 46643066	0.0	0.0	6.0277590 75164795	730.16284 1796875	1139.5604 24804687	695.16271 97265625	0.0	78.809082 03125	26.055192 94738769	635.40380 859375	1100.9913 33007812	589.53649 90234375	0.0	65.913269 04296875	21.786464 69116211	955.4	210.899	2310	2291	2325	2022-07-	2022-07- 31T22:48:	36.8	20220731-26
6755	reeling_ex	456.07800 29296875	96.654861	18.120944	0.0	0.0	5.7660961	697.74676		664.88342		75.335235 59570312							20.863128 66210937 5		210.694	2310	2297	2328	2022-07- 31T20:51:		36.7	20220731-25
6754	reeling_ex change	434.99169 921875	92.180557 25097656	17.292419 43359375	0.0	0.0	5.4999227 52380371	665.24114 99023438	1037.9030 76171875	634.54260 25390625	0.0	71.853355	23.769613	579.49707		538.71911			19.901073 45581054		16.8091	209	208	210			37.0	20220731-24

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6754	reeling_ex change	434.99169 921875	92.180557 25097656	17.292419 43359375	0.0	0.0	5.4999227 52380371	665.24114 99023438	1037.9030 76171875	634.54260 25390625	0.0	71.853355 40771484	23.769613 26599121	579.49707 03125	8	538.71911 62109375	0.0	6	7	316.0	16.8091	209	208	210	35	38	37.0	20220731-24
6753	reeling_ex change	430.93280 02929687 5	91.313789 36767578	17.139694 21386718 8	0.0	0.0	5.4429140 09094238	661.35363 76953125	1031.8175 04882812 5	630.91290 28320312	0.0			576.05877 68554688			0.0	59.824760 43701172		952.9	212.562	2358	2336	2370	2022-07- 31T19:39: 29	2022-07- 31T20:38: 35	37.8	20220731-23
6752	nw_sup_c hange																			948.4	211.397	0	2344	2378	2022-07- 31T20:38: 02	2022-07- 31T20:38: 02	37.6	
6751	nw_inf_ch ange																			947.6	209.955	0	2191	2218	2022-07- 31T20:37: 56	2022-07- 31T20:37: 56	37.7	
6750	reeling_ex change	409.50405 88378906	86.781448 36425781	16.296993 25561523 4	0.0	0.0	5.1776862 14447021 5	628.56170 65429688	980.49188 23242188	600.29718 01757812	0.0	67.917694 09179688	22.451148 98681640 6	547.67053 22265625	947.65307 6171875	509.73831 17675781	0.0	56.857379 91333008	18.807764 05334472 7	949.8	214.398	2376	2344	2378	31T18:40:	2022-07- 31T19:39: 29	37.6	20220731-22
6749	reeling_ex change	388.34494 01855469	82.274787 90283203	15.466258 04901123	0.0	0.0	4.9055733 6807251	596.07489 01367188	929.66186 5234375	569.97406 00585938	0.0	64.386482 23876953	21.303092 95654297	519.65496 82617188	899.29541 015625	484.30316 16210937 5	0.0	53.950000 76293945	17.863470 07751465	949.3	212.037	2375	2350	2385	2022-07- 31T17:41: 04	2022-07- 31T18:40: 16	37.7	20220731-21
6748	reeling_ex change	367.21615 60058594	77.777503 96728516	14.628592 49114990 2	0.0	0.0	4.6452202 79693603 5	563.27593 99414062	878.34606 93359375	539.32983 3984375	0.0	60.858409 8815918	20.142709 73205566 4	491.19473 26660156	850.03906 25	458.40414 42871094	0.0	51.046424 86572265 6	16.874620 43762207	990.9	233.768	2595	2562	2596		2022-07- 31T17:41: 04	37.1	20220731-20
6747	nw_sup_c hange																			986.4	230.763	0	2191	2218		2022-07- 31T17:40: 31	37.7	
6746	nw_inf_ch ange																			985.9	230.218	0	2346	2377	2022-07- 31T17:40:		37.2	
6745	reeling_ex change	342.98703 00292969	72.600028 99169922	13.675740 24200439 5	0.0	0.0	4.3369030 95245361	527.94976 80664062	823.09851 07421875	506.33560 18066406	0.0	57.109127 04467773 4	18.882539 74914550 8	460.58264 16015625	796.99560 546875	430.54690 55175781	0.0	22875976	15.833678 24554443 4	917.6	197.192	2218	2191	2218	2022-07- 31T15:41:		37.3	20220731-19
6744		324.03961 18164062 5				0.0	4.0944929 12292480 5	498.48953 24707031	777.00549 31640625	478.80325 31738281	0.0	53 022557	17 932951	434.63500 9765625	751 70614	406.95098	0.0	45.174076 08032226	14.958563 80462646 5	369.9	23.6643	286	283	286	2022-07- 31T15:29:		37.3	20220731-18
6743		319.86492 91992187 5				0.0	4.0391063	494.20980	770.32092 28515625	474.81643	0.0		17.679832 45849609				0.0	44.811069 48852539	14.834182 73925781 2	883.4	180.094	2028	2007	2033	2022-07- 31T14:37:		4.7	20220731-17
6742	rooling ov	302.70431 51855469	63 003033	12.069832		0.0	3.8201267 7192688	467.47680 6640625	728.04052 734375	447.84313 96484375	0.0	50.514762 87841797		407.68310 546875	704.58319 09179688	380.72311 40136719	0.0		13.996437 07275390 6	955.5	210.623	2402	2368	2403	2022-07- 31T13:36:		37.2	20220731-16
6741	nw_sup_c hange																			952.4	210.051	0	2346	2377	2022-07- 31T14:36:		37.0	
6740	nw_inf_ch ange																			951.5	209.484	0	2350	2383	2022-07- 31T14:36:		37.0	
6739	reeling_ex change	281.59460 44921875	59.587776 18408203	11.247016 90673828 1	0.0	0.0			677.90625	414.86553 95507812 5	0.0	46.952827 45361328		380.08270 26367187 5	655.90808 10546875	352.59237 67089844	0.0	39.359203 33862305		958.0	211.647	2375	2346	2377	2022-07- 31T12:36:		37.1	20220731-15
6738	reeling_ex change		55.234119 4152832	10.424177 16979980 5	0.0	0.0	3.2925806		628.35131 8359375	382.26382 44628906	0.0	43.498863 22021484 4	14.375582 69500732 4	352.71838 37890625	607.85729 98046875	324.71533 203125	0.0	36.448833 46557617		957.7	211.267	2375	2351	2380	2022-07- 31T11:36:		36.6	20220731-14
6737	reeling_ex change	239.76559 44824218 8	50.686309 81445312 5		0.0	0.0	3.0255532 26470947 3				0.0			325.55688 4765625			0.0	33.525516 51000976	11.080304 14581298 8	957.4	210.772	2385	2354	2386	2022-07-		37.0	20220731-13
6736	nw_sup_c hange																			951.5	208.83	0	2350	2383	2022-07-		36.6	
6735	nw_inf_ch ange																			951.1	208.352	0	2336	2374	2022-07-	2022-07- 31T11:35:	37.2	
6734	reeling_ex change	219.07801 81884765 6	46.305114 74609375	8.7482872 00927734	0.0	0.0	2.7595174 31259155 3	342.57720 94726562 5	529.44848 6328125	317.13442 99316406	0.0	36.476123 80981445	12.055042 26684570 3	298.13467 40722656	511.72695 92285156	269.08618 1640625	0.0	30.595777 51159668	10.107804 29840087 9	962.3	211.056	2375	2350	2383	2022-07- 31T09:36:		37.3	20220731-12
6733		199.49011 23046875				0.0	2.5196645 25985717 8					33.013889 31274414						07.050400	0.13/3207		207.597	2375	2350	2383	2022-07- 31T08:36:		37.1	20220731-11
6732		178.87728 88183593 8				0.0	2.2521820 06835937 5					29.542947 76916504						24.716852	8.1868143 08166504		203.814	2319	2281	2319	2022-07- 31T07:37:	2022-07- 31T08:36: 07	37.2	20220731-10
6731	nw_sup_c hange						-													941.0	202.659	0	2336	2374	2022-07- 31T08:35:		37.0	
6730	nw_inf_ch ange																			940.0	201.773	0	2171	2184	0000 07	2022-07- 31T08:35:	37.0	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6730	nw_inf_ch ange																			940.0	201.773	0	2171	2184	32	32	37.0	
6729				6.2965316 77246094		0.0				220.55038 45214843 8		26.179218 29223632 8	8.6362495 42236328	216.86653 13720703	368.59063 72070312 5	186.27090 45410156 2	0.0	21.816850 66223144 5	7.2082614 89868164	960.3	210.17	2375	2336	2374	2022-07- 31T06:37: 30	2022-07- 31T07:37: 30	36.6	20220731-09
6728	reeling_ex change	138.07139 58740234 4	29.300153 73229980 5	5.4642119 40765381	0.0	0.0	1.7330117 22564697 3	219.40219 11621093 8	333.50921 63085937 5	188.20063 78173828	0.0	22.757217 40722656 2	7.4874339 10369873	189.74363 70849609 4	321.02487 18261719	158.61526 48925781 2	0.0	18.902359 00878906 2	6.2596607 20825195	961.2	212.822	2375	2339	2380		2022-07- 31T06:37: 30	37.1	20220731-08
6727	reeling_ex change	118.24467 46826171 9	25.135200 50048828	4.6784462 92877197	0.0	0.0	27429199	87304687		155.35635 37597656 2	0.0	19.227937 69836425 8	6.3394165 0390625	162.09736 63330078	272.39447 02148437 5	130.45645 14160156 2	0.0	15.978028 29742431 6		924.6	197.57	2229	2202	2213		2022-07- 31T05:37: 31	37.0	20220731-07
6726	nw_sup_c hange																			920.2	195.824	0	2171	2184	2022-07- 31T05:36:	2022-07- 31T05:36: 57	36.7	
6725	nw_inf_ch ange																			919.3	195.532	0	2098	2119	2022-07-		37.1	
6724	reeling_ex	97.813545 22705078	20.837802 88696289	3.8494591 71295166	0.0	0.0	1.2220681 90574646	158.74533 08105468	237.03707 88574218 8	124.74104 30908203	0.0	15.925505 63812255 9	5.2780189 51416016	136.62516 78466797	227.69842 52929687	104.51844 78759765	0.0	13.224334 71679687 5	4.3451795 57800293	922.5	191.904	2195	2171	2184	2022-07- 31T03:45:	2022-07- 31T04:41:	36.6	20220731-06
6723	reeling_ex change					0.0	0.9812313 91429901	127.01594 54345703	188.72293 09082031	97.319709 77783203	0.0	12.619074 82147216 8						10.453101	2 4424604		195.253	2195	2174	2192	2022-07- 31T02:50:	31T03:45:	37.0	20220731-05
6722				2.3381826 87759399 4		0.0				71.566116 33300781	0.0	9.2875041	3.0705659	79.808700	133.19096 37451172	59.507946		7.6542825 69885254	2.5354504 58526611	426.6	33.9123	387	487	491	31T02:13:	2022-07- 31T02:50:	36.6	20220731-04
6721		48.601131		1 0000227		0.0				63.116840 36254883		8.1900510	2.6996550	70.437805			0.0	6.7613883	2.2222576 14135742	874.7	169.175	1929	1914	1933	2022-07- 31T01:24:	31T02:13:	37.1	20220731-03
6720	nw_inf_ch ange	4	9	200 1201 1			3	1010020	8	0020 1000		70,000,	0000700		21000010	4		01010000	11100112	871.3	168.241	0	2367	2386	31T02:13:	23 2022-07- 31T02:13:	36.5	
6719	nw_sup_c																			871.3	168.152	0	2367	2386	08 2022-07- 31T02:13:	08 2022-07- 31T02:13:	37.0	
6718	hange reeling_ex	31.510536 19384765	6.6803374	1.2346457 24296569 8	0.0	0.0	0.3919045 32909393 3	52.366024 01733398	77.828308	40.126125	0.0	5.2137765 88439941	1.7358629 70352172	44.715728 75976562	74.617309	33.325866	0.0	4.2753920	1.4046934 84306335	911.9	193.629	2115	2098	2119	2022-07-	07 2022-07- 31T01:24:	37.1	20220731-02
6717	reeling ex	12.130142	2.5618040	8 0.4822037 22000122		0.0	3 0.1497135	4 19.688568	29.250757	33569336		88439941 1.9659380 91278076 2						55511475 1.6574237 34664917	4		187.297		2097	2117	13 2022-07-	37 2022-07-		20220731-01
6716	onango	2	5	07 18.711654 66308593 8			34	5	7	3).0	88.695037 84179688						74 705004			87.7515		932	941	30T23:38	13		20220730-26
						0.0												37988281 69.638710	22.962417	002.1					2022-07-	2022-07-		
6715	reeling_ex change nw_sup_c	89160156	05541992	48779297	0.0	0.0	95037842	4921875	41015625	517.30157 47070312).0	86.003944 39697266	3261/18/ 5	6796875	49804687 5	57910156	0.0	02197266	60253906 2		208.451		2076	2091	11 2022-07-	30T21:56: 35 2022-07-		20220730-25
6714	hange																			1200.0	209.166	0	2367	2386	30T21:56: 49 2022-07-	30T21:56: 49 2022-07-	37.3	
6713	nw_inf_ch ange	457 04327	118 46345	17.326005				1063 1717	1148 5726						1076 3616	406 98748			22 055744	937.0	208.716	0	2364	2388	30T21:56: 44	30T21:56: 44 2022-07-	37.0	
6712	reeling_ex change	39257812 5	52001953 1	93566894 5		0.0				496.43542 48046875		82.594398 49853516	77709901	30007 100	5	5	0.0	66.853363 03710938	8		236.017	2396	2367	2386	30T20:04: 41	30T21:04: 11	37.5	20220730-24
6711	change	06054687 5	26391601 6		0.0	0.0				472.66226 19628906		78.590629 57763672					0.0	61572265 6	21.023765 56396484 4		9.49396	114	112	113	48	30T20:04: 41	37.7	20220730-23
6710	reeling_ex change	433.76846 31347656	112.44689 17846679 7	16.451576 23291015 6	0.0	0.0	5.6719813 34686279	1009.6658 93554687 5	1090.8842 7734375	471.52133 17871094	0.0	78.411758 42285156	25.952579 49829101 6	854.33905 02929688	1022.7091 06445312 5	387.00161 74316406	0.0	63.555809 02099609 4	20.991550 44555664	963.7	231.233	2363	2330	2356	30T19:02: 58	2022-07- 30T20:01: 48	37.8	20220730-22
6709	nw_inf_ch ange																			956.4	228.391	0	274	276	30T20:01:	2022-07- 30T20:01: 11	37.5	
6708	nw_sup_c hange																			955.9	228.292	0	274	276	30T20:01:	2022-07- 30T20:01: 10	37.5	
6707	reeling_ex change	412.34933 47167969	106.94013 21411132 8	15.647133 82720947 3	0.0	0.0	5.3988537 78839111	959.34472 65625	1036.6418 45703125	448.06909 1796875	0.0	74.487159 7290039	24.680696 48742675 8	812.48937 98828125	971.78735 3515625	368.06347 65625	0.0	02929687	19.959943 77136230 5		233.645	2396	2364	2388		2022-07- 30T19:02: 58	37.0	20220730-21
6706	reeling_ex	390.32214	101.25643	14.816028 59497070	0.0	0.0	5.1075248 71826172	908.75537 109375	982.07043 45703125	424.48263 54980469	0.0				919.92132 56835938		0.0		18.925035 47668457		236.117	2396	2371	2390	2022-07- 30T17:03:	2022-07- 30T18:03:	37.8	20220730-20

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6706		390.32214 35546875	4	3	0.0	0.0	5.1075248 71826172	908.75537 109375	982.07043 45703125	424.48263 54980469	0.0		71923828	93945312	56835938	69433594	0.0	4	18.925035 47668457	968.9	236.117	2396	2371	2390	43	21	37.8	20220730-20
6705	reeling_ex change	368.17205 81054687 5	95.496803 2836914	13.977046 96655273 4	0.0	0.0	4.8209700 58441162	857.58758 54492188	926.85955 81054688	400.61141 96777344	0.0	66.580276 48925781	22.083911 89575195 3	727.84692 3828125	868.78680 41992188	329.74917 60253906	0.0	54.195400 23803711		1019.4	263.944	2659	2631	2649	2022-07- 30T15:57: 39	2022-07- 30T17:03: 43	37.8	20220730-19
6704	nw_sup_c hange																			1015.9	262.462	0	274	276		2022-07- 30T17:03: 14	37.3	
6703	nw_inf_ch ange																			1015.0	262.247	0	2364	2377		2022-07- 30T17:03: 08	37.6	
6702	reeling_ex change	344.41418 45703125	89.308441 16210938	13.097035 40802002	0.0	0.0	4.5058593 75	801.05950 92773438	865.88720 703125	374.26235 96191406	0.0			680.74426 26953125			0.0	50.671585 08300781	16.741596 22192382 8	358.8	25.484	277	274	276	30T15:44:	2022-07- 30T15:57: 39	37.7	20220730-18
6701	reeling_ex change	340.83279 41894531	88.380218 50585938	12.955769 53887939 5	0.0	0.0	4.4593667 98400879	794.71948 2421875	859.04321 2890625	371.29003 90625	0.0	61.640316 00952148 4	20.451749 80163574 2	675.29089 35546875	804.73492 43164062	305.93173 21777344	0.0	50.230133 05664062 5	16.615043 64013672	767.6	147.454	1510	1491	1500		2022-07- 30T15:44: 32	5.0	20220730-17
6700		326.25433 34960937 5				0.0	4.2740764 61791992	761.64575 1953125	823.35363 76953125	355.87094 11621094	0.0	59.080059 05151367						48.206783 29467773 4	15.923485 75592041	967.2	237.219	2395	2371	2388		2022-07- 30T15:04: 22	37.3	20220730-16
6699	reeling_ex change	304.73233 03222656	78.995086 66992188	11.604482 65075683 6	0.0	0.0	3.9909272 19390869	710.94000 24414062	768.63012 6953125	332.22042 84667969	0.0	55.164253	18.309637		719.79412	274.37014	0.0	45.031486 51123047	14.900171 27990722 7	971.4	237.695	2406	2375	2388	2022-07- 30T13:03: 15	2022-07- 30T14:03: 58	37.1	20220730-15
6698	nw_sup_c hange																			967.4	234.491	0	2366	2377		2022-07- 30T14:03: 31	37.2	
6697	nw_inf_ch ange																			966.9	234.603	0	2366	2377		2022-07- 30T14:03: 28	36.7	
6696	reeling_ex change	282.58270 26367187 5	73.233840 94238281	10.759323 12011718 8	0.0	0.0	3.7036025 52413940 4	660.00372 31445312	713.63812 25585938	308.46032 71484375	0.0	51.246208 19091797	16.992759 70458984 4	562.67541 50390625	668.14508 05664062	254.99682 6171875	0.0	41.847461 70043945		970.5	234.196	2395	2364	2377		2022-07- 30T13:03: 15	37.0	20220730-14
6695	reeling_ex change	261.53619 38476562 5	67.789314 27001953	9.9565582 27539062	0.0	0.0	3.4215314 38827514 6	609.03320 3125	658.63494 87304688	284.66390 99121094	0.0	47.338584 89990234 4	45 704500					38.717662 8112793	12.803959 84649658 2	974.5	234.196	2395	2370	2384	2022-07- 30T11:02: 27	2022-07- 30T12:02: 49	36.8	20220730-13
6694		240.11598 20556640 6				0.0	3.1427981 85348510 7	559.09246 82617188	604.75335 69335938	261.37091 06445312 5	0.0	43.430538 17749023 4	14.402075 76751709	477.66815 18554687 5	566.37261 96289062	216.49702 45361328	0.0	35.578857 421875	11.759400 36773681 6	965.2	230.56	2361	2332	2342		2022-07- 30T11:02: 27	36.8	20220730-12
6693	nw_inf_ch ange																			961.2	229.731	0	2363	2376	2022-07- 30T11:01: 56	2022-07- 30T11:01: 56	36.9	
6692	nw_sup_c hange																			961.2	229.566	0	2363	2376		2022-07- 30T11:01: 54	36.9	
6691	reeling_ex change	218.66972 35107422	56.675640 10620117	8.3171920 77636719	0.0	0.0	2.8619344 23446655 3	509.60766 6015625	551.35357 66601562	238.27191 16210937 5	0.0	39.640193 93920898 4	13.145816 80297851 6	436.07263 18359375	515.85546 875	197.65399 16992187 5	0.0	32.497264 86206055	10.754271 50726318 4	981.6	234.125	2396	2366	2377		2022-07- 30T10:02: 52	37.1	20220730-11
6690	reeling_ex change	197.17184 44824218 8	51.100261 68823242	7.4925355 91125488	0.0	0.0						35.789749 14550781	11.841825 48522949 2	393.37237 54882812 5	10351562	42333984	0.0	29.285442 35229492 2	9.6943740 84472656	980.6	237.5	2395	2369	2383		2022-07- 30T09:02: 26	36.5	20220730-10
6689		175.12213				0.0	2.2954986 09542846 7	409.13317 87109375	442.75799 56054687 5	191.32691 95556640 6	0.0	31.873401 64184570 3	10.541007 04193115 2	350.30819 70214844	411.52490 234375	158.79711 9140625	0.0	26.075044 63195800 8		981.7	238.029	2389	2358	2371		2022-07- 30T08:02: 04	36.6	20220730-09
6688	nw_inf_ch ange																			974.0	234.351	0	2363	2376		2022-07- 30T08:01: 31	36.7	
6687	nw_sup_c hange																			973.6	234.042	0	2363	2376		2022-07- 30T08:01: 30	37.3	
6686	reeling_ex change	154.15066 52832031 2	39.935504 91333008	5.8535122 87139893	0.0	0.0	2.0222971 43936157 2	357.93215 94238281	387.36990 35644531	167.38227 84423828	0.0			307.02578 73535156			0.0	22.858137 13073730 5	7.5782990 45562744	983.6	241.287	2395	2363	2376		2022-07- 30T07:01: 47	36.9	20220730-08
6685	reeling_ex	131.60542 29736328	34.119007	5.0154161	0.0	0.0	1.7286827 56423950 2	306.51824 95117187 5	331.74792 48046875	143.34696 96044922	0.0	23.880016 32690429 7	7.9178528 78570557	262.92257 69042969	307.25457 76367187 5	119.17325 59204101 6	0.0	19.580215 45410156 2	6.4887194 63348389	982.8	239.083	2396	2366	2379		2022-07- 30T06:01: 21	36.6	20220730-07
6684	reeling_ex change	109.38374 32861328 1	88818359	4.1639251 70898437 5	0.0	0.0	1.4377635 71739196 8	255.25056 45751953	276.22607 421875	119.36421 20361328 1	0.0	19.900846 48132324 2	6.5910835 26611328	218.63684 08203125	255.48629 76074218 8	99.117240 90576172	0.0	16.304965 97290039	5.3957982 06329346	986.9	240.792	2400	2369	2382	30T04:00:	2022-07- 30T05:00: 58	36.8	20220730-06
6683	nw_sup_c hange																			976.2	239.697	0	2366	2383		2022-07- 30T05:00: 18	36.8	
6682	nw_inf_ch ange																			976.2	239.865	0	2366	2383	2022-07- 30T05:00:	2022-07- 30T05:00:	37.2	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6682	nw_inf_ch ange																			976.2	239.865	0	2366	2383	17	17	37.2	
6681	reeling_ex change	87.054107 66601562	22.620223 99902343 8	3.3253901 00479126	0.0	0.0	1.1469638 34762573 2	203.43769 83642578	220.05392 45605468 8	95.091186 5234375	0.0	15.796763 42010498	5.2603240 01312256	174.66641 23535156 2	204.07467 65136718 8	79.188880 92041016	0.0	77087402	4.3087849 61700439 5	981.9	242.456	2395	2363	2376	2022-07- 30T02:59: 58	2022-07- 30T04:00: 23	36.8	20220730-05
6680	reeling_ex change	65.439201 35498047	17.022407 53173828	2.5221812 72506714	0.0	0.0	1	4	164.52882 38525390 6	0000.000		11.797533 03527832					0.0	9.7016592 02575684	3.2273912 42980957	979.3	235.947	2395	2366	2379	2022-07- 30T01:59: 35	2022-07- 30T02:59: 58	37.1	20220730-04
6679	reeling_ex change	42.980197 90649414	11.158886 90948486 3	1.6526162 62435913	0.0	0.0	0.5653796 19598388 7	100.87161 25488281 2	109.04313 65966796 9	47.124362 94555664	0.0	7.8096232 41424560 5					0.0	6.4235544 20471191	2.1519930 36270141 6	940.4	219.664	2223	2193	2205	2022-07- 30T01:03: 28	2022-07- 30T01:59: 35	37.3	20220730-03
6678	nw_inf_ch ange																			933.9	217.104	0	249	251	2022-07-		36.8	
6677	nw_sup_c hange																			933.5	217.104	0	249	251	2022-07- 30T01:59: 05		36.6	
6676	reeling_ex change	23.024997 71118164	5.9554200 17242432	0.8821471 33350372	0.0	0.0			58.000518 79882812 5	25.066162 109375	0.0	4.1779861 45019531	1.4013946 05636596	45.942134 85717773	53.676879 8828125	20.835186 00463867	0.0	3.4104952 81219482 4	1.1500551 70059204	974.9	235.015	2397	2366	2383	2022-07-		37.2	20220730-02
6675	reeling_ex change	0.9556962 84770965	0.2467080	0.0308079 53327894 21	0.0	0.0			3.6482050 41885376	1.5777012 10975647	0.0	0.2989879 54854965 2	0.0876317 69478321 08	2.4827542 30499267 6	2.9136166 5725708	1.1351796 38862609	0.0	0.1936553			234.535	2396	2369	2389	2022-07-		36.6	20220730-01
6674	reeling_ex change	492.75445 55664062	127.53174 59106445	18.861034 39331054 7	0.0	0.0	6.4498839	1082.8786	1231.7060 546875	532.33502		_	29.263879		1128.7734	436.99273 68164062 5	0.0	71.623588	23.714735 03112793	268.5	11.5379	137	134	135	2022-07-		37.4	20220729-29
6673	reeling_ex change	~		18.799907 68432617 2	0.0	0.0	6.4311490 05889893	1080.3558 34960937 5	1228.9554 44335937 5	531.14727 78320312	0.0	88.145500 18310547	29.205938 3392334	961.47747 80273438	1126.0009 765625	435.92163 0859375	0.0	71.429222 1069336	23.659200 66833496	473.4	51.4443	545	539	544	2022-07-		37.1	20220729-28
6672	nw_inf_ch ange																			463.7	49.021	0	2371	2388	2022-07-		36.9	
6671	nw_sup_c hange																			463.2	48.9588	0	2371	2388	2022-07- 29T22:58: 40		36.8	
6670	reeling_ex change	487.35488 89160156	126.14619 44580078	18.657657 62329101 6	0.0	0.0	6.3845143 31817627		1215.9426 26953125		0.0	87.252502 44140625	28.916440 96374511 7	951.87207 03125	1114.8144 53125	431.57040 40527344	0.0	70.717445 37353516	23.409219 74182129	359.3	22.8315	252	249	251	2022-07- 29T22:28:		36.9	20220729-27
6669				18.474895 47729492 2	0.0	0.0	6.3194737 43438721	1061.8189 69726562 5	1208.8931 88476562 5	522.47753 90625	0.0	86.716796	28.742885		1107.3066	428.65890 50292969		70.265487 67089844	23.270273 20861816 4	787.0	154.468	1557	1536	1552	2022-07- 29T21:45: 39		4.9	20220729-26
6668	reeling_ex		121.02404	17.907436		0.0			1171.1624 75585937 5			84.034919 73876953	27.847486 49597168	916.86907 95898438	1073.9256 59179687 5	415.70764 16015625	0.0	68.146293 64013672	22.546314 23950195 3	972.8	233.913	2395	2362	2386	2022-07-		37.0	20220729-25
6667	reeling_ex change	445.34246 82617187 5	115.28366 85180664	17.074188 23242187 5	0.0	0.0	5.8382735	979.27478	1115.0769 04296875	481.92056						395.93804 93164062 5	0.0	64.891723 6328125	21.483497 61962890 6	972.7	237.5	2395	2370	2390	2022-07- 29T19:44: 52	2022-07- 29T20:45: 15	37.1	20220729-24
6666	reeling_ex		109.78232	16.259719		0.0	5.5561914 44396973	930.42272 94921875	1059.3709 71679687 5	457.84729 00390625	0.0		25.193191		971 88635	376.26251			20.411184 31091308 6	914.5	205.914	2116	2091	2110	2022-07- 29T18:51: 28	2022-07- 29T19:44: 52	37.2	20220729-23
6665	nw_sup_c hange																			910.1	203.031	0	2371	2388	2022-07- 29T19:44: 23	2022-07- 29T19:44: 23	36.7	
6664	nw_inf_ch ange																			909.2	203.984	0	1989	2000	2022-07- 29T19:44: 16	2022-07- 29T19:44: 16	37.2	
6663	reeling_ex change	404.94241 33300781	104.77362 06054687 5	15.526759 14764404 3	0.0	0.0	5.3025674 81994629	887.13183 59375	1010.0404 05273437 5	436.53390 50292969	0.0	72.421363 8305664	23.996965 40832519 5	791.61676 02539062	927.15338 13476562	358.94885 25390625	0.0	58.785240 17333984 4	19.476018 90563965	973.1	235.848	2395	2371	2388	2022-07- 29T17:51: 03		36.7	20220729-22
6662				14.701415 06195068 4		0.0	5.0226855	838.78350	954.95495 60546875	412.71719						339.64178 46679687 5	0.0	55.608222 96142578	18.419965 74401855 5	977.8	234.464	2396	2373	2390	2022-07- 29T16:50:		37.2	20220729-21
6661				13.883100 50964355 5		0.0	4.7367820 73974609	790.23431 39648438	899.65997 31445312	388.81433 10546875	0.0	64.535202 02636719						52.437961 57836914		923.3	213.848	2187	2159	2170	2022-07-	2022-07- 29T16:50: 39	37.2	20220729-20
6660	nw_sup_c hange																			918.5	213.521	0	2364	2384	2022-07- 29T16:50:	2022-07- 29T16:50: 07	37.1	
6659	nw_inf_ch ange																			918.0	212.969	0	2364	2384	2022-07- 29T16:50:	2022-07- 29T16:50: 04	37.0	
6658	reeling_ex change	342.20056 15234375	88.600555 41992188	13.129117 96569824	0.0	0.0	4.4783740 04364014	745.87030 02929688	849.16485 59570312	366.99499 51171875	0.0	60.884399 4140625	20.155338 28735351	666.98736 57226562	781.04388 42773438	302.48715 20996094	0.0	49.519596 09985351	16.407474 51782226	886.7	196.155	2015	1989	2000		2022-07- 29T15:55:	36.5	20220729-19

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6658		342.20056 15234375			0.0	0.0			849.16485 59570312		0.0	4140023		666.98736 57226562	781.04388 42773438	302.48715 20996094	0.0	6	6	886.7	196.155	2015	1989	2000	40	27	36.5	20220729-19
6657	reeling_ex change	323.68688 96484375	83.832366 94335938	12.415266 03698730 5	0.0	0.0	4.2357311 2487793	704.75848 38867188	802.38073 73046875	346.76269 53125	0.0	57.538394 92797851 6	02627605	631.07153 3203125	738.95446 77734375	286.20642 08984375	0.0	46.835895 53833008	15.519120 21636962 9	889.8	195.515	2014	1990	2002	2022-07- 29T14:13: 55	2022-07- 29T15:04: 40	37.0	20220729-18
6656	reeling_ex change	304.79382 32421875	78.966728 21044922	11.683082 58056640 6	0.0	0.0	3.9855275 15411377	664.15167 23632812	756.10479 73632812	326.76095 58105469	0.0	54.191642 76123047	17.943784 71374511 7	595.18176 26953125	696.85363 76953125	269.92724 609375	0.0	44.213546 75292969	14.624991 41693115 2	632.0	91.3633	962	955	962	2022-07- 29T13:27: 51	2022-07- 29T14:13: 55	36.9	20220729-17
6655	reeling_ex change	290.62435 91308594	75.283531 18896484	11.154612 54119873	0.0	0.0	3.8021700 38223266 6	642.13488 76953125	731.01171 875	315.90502 9296875	0.0	52.406219 48242187 5	17.340427 39868164	575.42449 95117188	673.66223 14453125	260.98849 48730469	0.0		14.145531 65435791	968.3	235.501	2384	2353	2369	2022-07- 29T12:27: 39	2022-07- 29T13:27: 51	36.8	20220729-16
6654	nw_inf_ch ange																			963.8	232.487	0	2371	2383		2022-07- 29T13:27: 20	37.3	
6653	nw_sup_c hange																			963.4	232.597	0	2371	2383	2022-07- 29T13:27: 18	2022-07- 29T13:27: 18	36.9	
6652	reeling_ex change	268.66888 42773437 5	69.614418 02978516	10.323714 25628662 1	0.0	0.0	3.5141384 60159301 8		676.09875 48828125	292.17361 45019531	0.0	48.475589 75219726 6	16.052450 18005371	532.34356 68945312	623.12377 9296875	241.45925 90332031 2	0.0	39.552799 22485351 6	13.092370 03326416	972.8	234.535	2397	2364	2384		2022-07- 29T12:27: 39	37.1	20220729-15
6651	reeling_ex change	4	30914002	9.5095176 69677734		0.0	3.2282261 84844970 7	545.70666 50390625	621.13006 59179688	268.41656 49414062 5	0.0	44.531574 24926758	14.747929 57305908 2	489.34387 20703125	572.64739 99023438	221.95458 984375	0.0	36.349514 00756836	12.009762 76397705	977.5	235.085	2395	2368	2386	2022-07- 29T10:26: 49	2022-07- 29T11:27: 14	36.8	20220729-14
6650	reeling_ex change	225.34495 54443359 4	58.319393 15795898 4	8.6689949 03564453	0.0	0.0	2.9533619 88067627	497.55334 47265625	566.28533 93554688	244.70426 94091797	0.0	40.532100 67749023 4	13.452512 74108886 7	446.70849 609375	522.62670 8984375	202.61846 92382812 5	0.0	33.218276 97753906	10.966235 16082763 7	956.8	229.282	2316	2293	2304	29T09:28:	2022-07- 29T10:26: 49	36.9	20220729-13
6649	nw_inf_ch ange																			951.9	226.491	0	116	117	2022-07- 29T10:26: 16	2022-07- 29T10:26: 16	36.7	
6648	nw_sup_c hange																			951.9	226.391	0	116	117		2022-07- 29T10:26: 15	36.9	
6647	reeling_ex change	204.32627 86865234 4	52.877246 85668945	7.8681511 87896728 5	0.0	0.0	2.6703810 69183349 6	451.19186 40136719	513.52276 61132812	221.89923 09570312 5	0.0	36.781810 76049805	12.193491 93572998	404.70501 70898437 5	473.35363 76953125	183.57000 73242187 5	0.0	30.091060 63842773 4		978.4	236.229	2395	2371	2383	2022-07- 29T08:27: 58	2022-07- 29T09:28: 24	36.9	20220729-12
6646	reeling_ex change	182.63679 50439453	47.293369 29321289	7.0422644 61517334	0.0	0.0	2.3895356 65512085	402.89428 7109375	458.60391 23535156	198.15843 20068359 4	0.0	32.854080 20019531	10.882736 20605468 8	361.90988 15917969	422.93338 01269531	164.17982 48291015 6	0.0	26.952199 93591308 6	8.8819370 26977539	988.1	234.464	2397	2375	2387	2022-07- 29T07:27: 35	2022-07- 29T08:27: 58	36.9	20220729-11
6645	reeling_ex change	160.91844 17724609 4	41.650302 88696289	6.2126054 76379394 5	0.0	0.0	2.1015377 04467773 4	354.95773 31542969	404.05789 18457031	174.59524 53613281 2	0.0	28.928155 89904785	9.5849771 49963379	318.95471 19140625	372.58453 36914062 5	144.69477 84423828	0.0		7.8373751 64031982	944.8	212.974	2208	2180	2193	2022-07- 29T06:31: 57	2022-07- 29T07:27: 35	37.1	20220729-10
6644	nw_sup_c hange																			927.3	209.145	0	116	117		2022-07- 29T07:26: 25	36.8	
6643	nw_inf_ch ange																			926.4	208.601	0	2363	2376	2022-07- 29T07:26: 20	2022-07- 29T07:26: 20	37.2	
6642	reeling_ex change	000.2000	36.419090 27099609 4	5.4175977 70690918	0.0	0.0	1.8433846 23527526 9	310.46575 92773437 5	353.39041 13769531	152.71693 42041015 6	0.0	25.286554 33654785	8.4029569 6258545	279.27932 73925781	326.19927 97851562 5	126.68334 19799804 7	0.0	20.801803 58886718 8	6.8476428 9855957	256.3	9.96005	120	116	117		2022-07- 29T06:31: 57	36.8	20220729-09
6641	reeling_ex change	139.65580 74951172	36.166645 05004883	5.3758172 9888916	0.0	0.0	1.8255792 85621643	307.93441 77246094	350.50823 97460937 5	151.45457 45849609 4	0.0	25.107414 24560547	8.3439741 13464355	276.86206 0546875	323.34292 60253906	125.57544 70825195 3	0.0	0703123			217.672	2265	2235	2247	2022-07- 29T05:31: 42	2022-07- 29T06:28: 53	37.2	20220729-08
6640	reeling_ex change	118.16587 82958984 4	30.605770 11108398 4	4.5440168 38073730 5	0.0	0.0	1.5479289 29328918 5	262.49996 94824219	298.71252 44140625	129.08744 81201172	0.0	21.351799 01123047	7.1075305 9387207	235.81709 28955078	275.38763 42773437 5	106.96452 33154296 9	0.0	17.527536 39221191 4	5.7879948 61602783	976.2	230.892	2397	2365	2378		2022-07- 29T05:31: 42	37.0	20220729-07
6639				3.7292830 94406128	0.0	0.0	1.2775952 81600952 1	214.45239 2578125	243.88827 51464843 8	105.39331 0546875	0.0	17.431154 25109863 3	5.7820301 0559082	192.89175 41503906 2	225.22842 40722656 2	87.478240 96679688	0.0	14.310371 39892578 1	4.7233858 10852051	341.0	20.1885	228	226	229	2022-07- 29T04:23: 15	2022-07- 29T04:31: 25	36.9	20220729-06
6638	reeling_ex change	94.310966 49169922	24.426956 17675781 2	3.6265408 99276733 4	0.0	0.0						17.075757 98034668	5 6630005	188.82440	220.45610 04638672	85.636695 8618164	0.0		4.6320390 70129394 5	967.0	228.609	2336	2304	2318		2022-07- 29T04:23: 15	12.9	20220729-05
6637	nw_sup_c hange																			964.3	227.836	0	2367	2387	2022-07- 29T04:22: 55	2022-07- 29T04:22: 55	36.8	
6636	nw_inf_ch ange																			963.8	230.609	0	2367	2387		2022-07- 29T04:22: 51	36.7	
6635	reeling_ex change	73.453437 80517578	19.021636 96289062 5	2.8259897 23205566 4	0.0	0.0		162.60086 05957031 2		79.850128 17382812	0.0	13.224679 94689941 4	4.3908457 75604248	146.21447 75390625	170.68722 53417968 8	66.307014 46533203	0.0	10.847311 01989746 1	3.5909099 57885742	974.5	234.125	2395	2363	2376	2022-07- 29T02:23: 18	2022-07- 29T03:23: 43	36.7	20220729-04
6634	reeling_ex	51.224220	13.269572	1.9715375 90026855	0.0	0.0	0.6751753 09181213	114.99781 03637695	130.59243 77441406	56.427570 34301758	0.0	9.3703823	3.1100544		120.24475	46.704811			2.5051379 20379638	975.8	234.846	2395	2366	2379	2022-07- 29T01:22:	2022-07- 29T02:23:	37.0	20220729-03

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6634	reeling_ex change	6	5	5	0.0	0.0	4	3	2	56.427570 34301758	0.0	08959961		7	09765625	6	0.0	7.6405048 37036133	7	975.8	234.846	2395	2366	2379	55	18	37.0	20220729-03
6633	reeling_ex change	54833984	7.6993279 45709228 5	1.1424540 28129577 6	0.0	0.0	0.3942342 69857406 6	66.985992 43164062	76.008102 41699219	32.851158 14208984 4	0.0	5.4614567 75665283	1.7984132 76672363 3	59.864006 04248047	69.870811 46240234	27.148273 46801757 8	0.0	4.4505915 64178467	1.4751461 74430847 2	968.3	230.358	2369	2341	2351	2022-07- 29T00:23: 06	2022-07- 29T01:22: 55	37.2	20220729-02
6632	nw_sup_c hange																			963.0	228.718	0	2364	2387		2022-07- 29T01:22: 16	37.0	
6631	nw_sup_c hange																			963.0	228.718	0	2364	2387		2022-07- 29T01:22: 16	37.0	
6630	criarige		8	9		0.0	0.1199660 52472591 4	19.413858 41369629	22.008266 44897461	9.4985437 39318848	0.0	4	9	2		97857666	0.0	6	0.4093099 83253479		231.061	2396	2367	2387		2022-07- 29T00:23: 06	36.7	20220729-01
6629	reeling_ex change	414.76980 59082031	108.10837 55493164	15.822078 70483398 4	0.0	0.0	5.4331641 19720459	855.31170 65429688	972.15045 16601562	419.56002 80761719	0.0				891.94995 1171875			56.859725 95214844	18.782907 48596191 4	979.1	235.185	2395	2370	2389	2022-07- 28T22:22: 18	2022-07- 28T23:22: 42	37.2	20220728-22
6628	reeling_ex change	392.52447 50976562 5		14.959580 42144775 4	0.0	0.0	5.1371169 090271	806.76055 90820312	917.52105 71289062	395.95935 05859375	0.0	65.776443 48144531	21.805259 70458984 4	720.53485 10742188	841.42956 54296875	326.57675 17089844	0.0		17.739427 56652832	959.9	225.518	2334	2300	2325	22	28T22:22: 18	36.8	20220728-21
6627	nw_inf_ch ange																			955.0	224.199	0	2235	2258	41	28T22:21: 41	36.8	
6626	nw_sup_c hange																			954.6	223.938	0	2235	2258	39	28T22:21: 39	37.2	
6625	reeling_ex change	371.07580 56640625	96.707489 01367188	14.132802 96325683 6	0.0	0.0	4.8602714 53857422	759.78320 3125	864.67681 88476562	373.12594 60449219	0.0	61.979022 97973633	20.560358 04748535	679.11676 02539062	793.05975 34179688	307.80606 07910156	0.0	50.576168 06030273 4	16.721138 00048828	973.1	235.678	2395	2364	2387	2022-07- 28T20:22: 58	2022-07- 28T21:23: 22	36.6	20220728-20
6624	reeling_ex change	348.48202 51464844	90.779510 49804688	13.266727 44750976 6	0.0	0.0	4.5627279 28161621	711.57037 35351562	810.37182 6171875	349.67260 7421875	0.0		•		742.38104 24804688			47.338989 2578125	15.668852 80609130 9	971.0	231.371	2395	2369	2388		2022-07- 28T20:22: 58	37.2	20220728-19
6623	reeling_ex change	326.37072 75390625	85.002708 4350586	12.409121 5133667	0.0	0.0	4.2703924 17907715	663.22143 5546875	755.81939 69726562	326.10476 68457031	0.0	54.152889 25170898 4	17.972017 28820800 8	593.12939 453125	692.55377 19726562	268.82510 37597656	0.0	44.173358 91723633	14.619821 54846191 4	959.9	231.404	2352	2321	2345		2022-07- 28T19:22: 34	37.1	20220728-18
6622	nw_sup_c hange																			948.4	224.94	0	2368	2380		2022-07- 28T19:21: 11	36.6	
6621	nw_sup_c hange																			948.4	224.94	0	2368	2380		2022-07- 28T19:21: 11	36.6	
6620	change	304.29040 52734375	22265625	8		0.0	3.9871444 70214843 8	83984375	43554688	69921875		90722656	3170166	84375	02890025	6			13.605886 45935058 6	940.5	220.675	2265	2235	2258		2022-07- 28T18:23: 14	36.5	20220728-17
6619	criarige	283.87356 56738281	3411333	8		0.0		31835938	78320312	88183594		3327032	4	70222030	596.63427 734375	8	0.0	30390033	1/04/119	947.2	219.692	2265	2239	2258		2022-07- 28T17:26: 07	37.1	20220728-16
6618		262.69439 69726562 5				0.0	4	20032930	90875			4	2	08984375	54101562	4		36230469	8	386.1	29.0367	324	323	325	2022-07- 28T10:09: 03	2022-07- 28T16:29: 06	36.7	20220728-15
6617	reeling_ex change	221.94673 15673828	57.870059 96704101 6	8.4192886 35253906	0.0	0.0	2.9041674 13711548	486.94732 66601562 5	555.65881 34765625	239.63726 80664062 5	0.0	39.828449 24926758	13.202186 58447265 6	436.47421 26464844	509.31188 96484375	197.80187 98828125	0.0	94287109	10.763083 45794677 7	938.3	222.984	2216	2189	2201	08	28T10:09: 03	36.4	20220728-14
6616	nw_sup_c hange																			936.5	222.171	0	2368	2380	51	28T10:08: 51	37.1	
6615	nw_inf_ch ange																			936.1	220.345	0	2364	2377	46	28T10:08: 46	37.1	
6614	reeling_ex change	201.55776 97753906 2	52.542846 6796875	7.6422433 85314941	0.0	0.0	2.6361489 29595947 3					5	48059082	32910156	83300781	5		3	9.7700929 64172363		237.981	2395	2368	2380	41	28T09:13: 08	37.2	20220728-13
6613	reeling_ex change	179.60127 25830078	46.800857 54394531	6.8116455 078125	0.0	0.0	00033074	30040023	30037030			32.123538 97094726 6	10.643985 74829101 6	352.81433 10546875	411.48245 23925781	159.88798 52294922	0.0	2	8.7121114 73083496		233.815	2395	2374	2385		2022-07- 28T08:12: 41	36.6	20220728-12
6612	reeling_ex change	157.42497 25341797	40.997375 48828125	5.9667119 9798584	0.0	0.0				169.61647 03369140 6		0670166	94299316	34082031	360.21133 42285156	26123047	0.0	22.992692 94738769 5	7.6258311 27166748	261.1	10.3057	125	122	122	28T07:09:	2022-07- 28T07:12: 24	37.3	20220728-11
6611	reeling_ex change	156.19445 80078125	40.680397 03369140 6	5.9152331 35223389	0.0	0.0	2.0389995 57495117	342.13980 10253906	390.48693 84765625	168.35687 25585937 5	0.0	27.918771 74377441 4	9.2696409 22546387	307.19281 00585937 5	357.86239 62402344	139.20416 25976562 5	0.0	22.864564 89562988 3	7.5958118 4387207	979.5	231.106	2348	2317	2330		2022-07- 28T07:09: 13	36.7	20220728-10
6610	nw_inf_ch ange																			971.8	229.454	0	2175	2199	2022-07- 28T07:08:	2022-07- 28T07:08:	37.1	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	В4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6610	nw_inf_ch ange																			971.8	229.454	0	2175	2199	38	38	37.1	
6609	nw_sup_c hange																			971.8	228.984	0	2175	2199	2022-07- 28T07:08: 37	2022-07- 28T07:08: 37	36.7	
6608	reeling_ex change	134.81626 89208984 4	35.103637 6953125	5.1150889 39666748	0.0	0.0	1.7608892 91763305 7	293.96203 61328125	335.41970 82519531	144.63441 46728515 6	0.0	24.007913 58947754	7.9727454 18548584	264.14620 97167969	307.61349 48730469	119.69062 04223632 8	0.0	19.606172 56164550 8	6.5189781 18896484	992.8	237.981	2396	2364	2377		2022-07- 28T06:09: 58	36.5	20220728-09
6607	reeling_ex change	111.68544 76928711	29.094074 24926757 8	4.2407870 29266357	0.0	0.0	1.4593501 09100341 8	244.67910 76660156 2	279.20236 20605469	120.39434 05151367 2	0.0	19.967739 10522461	6.6334571 83837891	219.90733 33740234 4	255.99266 05224609 4	99.645820 61767578	0.0		5.4429821 96807861	987.7	240.736	2396	2368	2385	2022-07- 28T04:09: 08	2022-07- 28T05:09: 32	36.9	20220728-08
6606	reeling_ex change	90.285408 02001953	23.545667 64831543	3.4399142 26531982 4	0.0	0.0	1.1852494 47822570 8	195.50559 99755859 4	223.07551 57470703	96.196624 75585938	0.0	15.945642 47131347 7	5.2844376 56402588	175.64277 64892578	204.31556 70166015 6	79.575538 6352539	0.0	13.009058 95233154 3	4.3436322 21221924	974.3	230.343	2337	2306	2330		2022-07- 28T04:09: 08	36.7	20220728-07
6605	nw_inf_ch ange																			966.5	229.049	0	2365	2392		2022-07- 28T04:08: 37	37.2	
6604	nw_sup_c hange																			966.1	228.622	0	2365	2392	28T04:08:	2022-07- 28T04:08: 35	36.8	
6603	reeling_ex change	68.230300 90332031	17.791120 52917480 5	2.6100177 76489258	0.0	0.0	0.8962505 45978546 1	4	2	23632812	0.0	12.039734 84039306 6	23044113	132.88763 42773437 5		60.203609 46655273 4	0.0	9.8782606 12487793	3.2809112 07199096 7	942.3	216.034	2205	2175	2199		2022-07- 28T03:10: 10	36.8	20220728-06
6602	reeling_ex change	48.474540 71044922	12.637410 16387939 5	1.8692765 23590088	0.0	0.0	0.6372598 40965271	102.93113 70849609 4	117.51492 30957031 2	50.672134 39941406	0.0	8.3663167 95349121	2.7755029 20150757	91.988143 92089844	106.98464 96582031 2	41.669963 83666992	0.0	6.8236646 65222168	2.2733662 12844848 6	942.9	217.866	2207	2177	2203	28T01:19:	2022-07- 28T02:14: 31	36.9	20220728-05
6601	reeling_ex change	27.491222 38159179 7	7.1611070 63293457	1.0596994 16160583 5	0.0	0.0				28.445566 17736816 4	0.0	4.6855669 02160644 5	1.5606690 64521789 6	51.616081 23779297	60.008277 89306640 6	23.363550 18615722 7	0.0	76428222	1.2899678 94554138 2		23.9687	255	253	255	2022-07- 28T01:05: 37	2022-07- 28T01:19: 02	36.6	20220728-04
6600	reeling_ex change	24.090982 43713379	6.2800111 77062988	0.9243161 08226776 1	0.0	0.0	0.3131029 60586547 85	51.328884 12475586	58.620113 37280273 4	25.277366 63818359 4	0.0	4.1512765 88439941	1.3781689 40544128 4	45.882041 93115234 4	53.367198 9440918	20.784896 85058593 8	0.0		1.1406242 84744262 7		12.1773	156	155	156	28T01:00:	2022-07- 28T01:05: 37	36.7	20220728-03
6599	reeling_ex change	22.496768 95141601 6	5.8593125 34332275	0.8618842 95940399 2	0.0	0.0	0.2948209 64336395 26	48.718330 38330078	55.646900 17700195	23.991462 70751953	0.0	3.9731056 69021606 4	1.3172668 21861267	43.361122 13134765 6	50.435371 39892578	19.643789 29138183 6	0.0	37188720	1.0808868 40820312 5	962.0	231.524	2309	2279	2306	2022-07- 28T00:00: 37	2022-07- 28T01:00: 08	4.9	20220728-02
6598	nw_sup_c hange																			959.0	228.921	0	2368	2388		2022-07- 28T00:59: 08	37.0	
6597	reeling_ex change	0.9137799 73983764 6	0.2282226 08566284 18	0.0311599 74634647 37	0.0	0.0	0.0092673 50658774 376	1.1193457 84187317	1.2803941 96510315	0.5411442 51823425 3	0.0	90082740		09143066	1.1199654 34074401 9		0.0		0.0301508 28883051 872	973.1	231.273	2395	2365	2392		2022-07- 28T00:00: 37	36.7	20220728-01
6596	reeling_ex change	529.04449 46289062	100.44379 42504882 8	19.222301 48315429 7	0.0	0.0	6.5334482 19299316	1109.1591 796875	1251.7673 33984375	566.56933 59375	0.0	91.251640 31982422	30.187128 0670166	983.25555 41992188	1140.1834 71679687 5	460.32644 65332031	0.0	73.138763 42773438	24.200017 92907715	974.4	231.159	2395	2372	2392	27T21:59:	2022-07- 27T23:00: 13	36.8	20220727-26
6595	reeling_ex change	507.40237 42675781	94.779174 8046875	18.390588 76037597 7	0.0	0.0	6.2478713 98925781	1060.3906 25	1196.0332 03125	542.52575 68359375	0.0	87.283195 49560547	28.844202 04162597 7	940.31512 45117188	1090.3687 74414062 5	440.89428 7109375	0.0	69.944313 0493164	23.128599 16687011 7	973.6	234.668	2411	2382	2404	2022-07- 27T20:59	2022-07- 27T21:59: 48	36.5	20220727-25
6594	nw_inf_ch ange																			968.7	232.857	0	1569	1579	27T21:59:	2022-07- 27T21:59: 11	37.1	
6593	nw_sup_c hange																			968.3	232.491	0	1569	1579		2022-07- 27T21:59: 07	37.0	
6592	reeling_ex change	486.36044 31152344	89.277626 03759766	17.582448 95935058 6	0.0	0.0	5.9800472 25952148	1012.0489 50195312 5	1140.6368 40820312 5	518.61578 36914062	0.0	83.306228 63769531	27.533864 97497558 6	896.80133 05664062	1039.7142 33398437 5	421.16418 45703125	0.0	66.704879 76074219	22.073493 95751953	969.6	234.464	2395	2368	2388	2022-07- 27T19:58: 32	2022-07- 27T20:59	36.9	20220727-24
6591	reeling_ex change	464.52517 70019531	83.554588 3178711	16.752239 22729492 2	0.0	0.0				494.84494 01855469		79.337097 16796875	26.224149 70397949 2	853.54797 36328125	989.38513 18359375	401.56491 08886719	0.0	63.490474 70092773 4	21.006042 48046875	969.2	229.41	2397	2373	2392		2022-07- 27T19:58: 32	36.7	20220727-23
6590	reeling_ex change	442.84915 16113281	77.871505 73730469	15.923953 05633545	0.0	0.0	5.4014649 39117432	915.52343 75	1030.0247 80273437 5	470.87789 91699219	0.0	75.365913 39111328	24.929630 27954101 6	810.38513 18359375	938.43737 79296875	382.00659 1796875	0.0	60.263591 76635742	19.931289 67285156 2	453.1	38.5375	416	413	417	27T18:33:	2022-07- 27T18:58: 14	37.3	20220727-22
6589	nw_sup_c hange																			445.1	36.7398	0	1569	1579		2022-07- 27T18:57: 43	37.2	
6588	nw_inf_ch ange																			443.8	36.2526	0	2369	2380	27T18:57:	2022-07- 27T18:57: 36	37.3	
6587	reeling_ex change	435.86581 42089844	76.044105 52978516	15.656091 69006347 7	0.0	0.0	5.3092813 49182129	904.90850 83007812	1017.8559 5703125	465.62368 77441406	0.0	74.476173 4008789	24.630441 66564941 4	801.10693 359375	927.44567 87109375	377.81369 01855469	0.0	59.566936 49291992	19.709926 60522461	790.1	154.095	1588	1569	1579	2022-07- 27T17:51	2022-07- 27T18:33: 23	4.9	20220727-21
6586	reeling_ex change	421.23867 79785156	72.212684 63134766	15.093588 82904052	0.0	0.0	5.1248745 91827393	872.14178 46679688	980.29089 35546875	449.41235 3515625	0.0	71.808746 33789062						57.414970 39794922	18.983131 40869140	971.8	228.955	2396	2368	2386		2022-07- 27T17:51		20220727-20

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6586	change	421.23867 79785156	63134766	′	0.0	0.0	91827393	46679688	35546875			71.808746 33789062	07067871	50976562	48046875	5	0.0	57.414970 39794922	6	971.8	228.955	2396	2368	2386	35	2022-07- 27T17:51	37.0	20220727-20
6585	reeling_ex change	399.65295 41015625	66.625198 36425781	14.273282 05108642 6	0.0	0.0	4.8385334 01489258	823.90313 72070312	925.00500 48828125	425.53616 33300781	0.0				842.47296 14257812	345.31762 6953125	0.0	54.197193 14575195	17.943449 02038574 2	971.8	230.68	2396	2373	2391	2022-07- 27T15:50: 12	2022-07- 27T16:50: 35	37.2	20220727-19
6584	reeling_ex change	377.84667 96875		13.431578 63616943 4	0.0	0.0	4.5547842 97943115	775.86944 58007812	869.96954 34570312	401.78216 55273437 5	0.0	63.844234 46655273 4	21.127561 56921386 7	687.32165 52734375	792.25	326.27871 70410156	0.0	51.094490 05126953		963.4	225.526	2350	2326	2336		2022-07- 27T15:50: 12	36.6	20220727-18
6583	nw_inf_ch ange																			959.5	224.648	0	2367	2380	2022-07- 27T15:49: 43	2022-07- 27T15:49: 43	37.2	
6582	nw_sup_c hange																			959.5	224.757	0	2367	2380	27T15:49:	2022-07- 27T15:49: 42	37.1	
6581	reeling_ex change	356.47579 95605469	55.421756 74438476 6	12.625523 56719970 7	0.0	0.0	4.2797651 29089355 5	728.54010 00976562	815.76995 84960938	378.35971 06933594	0.0	59.944892 88330078	19.821245 19348144 5	645.33557 12890625	742.88555 90820312	307.26812 74414062 5	0.0	47.981018 06640625	15.845875 74005127	974.9	230.396	2395	2369	2380	2022-07- 27T13:50: 27	2022-07- 27T14:50: 54	36.5	20220727-17
6580		335.58728 02734375				0.0	4.0077071 18988037	680.51361 08398438	760.75964 35546875	354.60470 58105469	0.0				693.07873 53515625				14.798622 13134765 6	977.1	230.299	2395	2372	2382		2022-07- 27T13:50: 27	36.7	20220727-16
6579	reeling_ex change	313.54595 94726562 5	44.164661 4074707	10.985436 43951416	0.0	0.0	3.7151620 38803100 6	632.56439 20898438	705.81384 27734375	330.88232 421875	0.0	52.038414 00146484 4	17.212608 33740234 4	559.91394 04296875	643.30474 85351562	268.58157 34863281	0.0	41.641048 43139648 4		975.9	227.015	2392	2363	2377	2022-07- 27T11:49: 43	2022-07- 27T12:50: 04	36.8	20220727-15
6578	nw_sup_c hange																			971.8	228.091	0	2367	2380		2022-07- 27T12:49: 35	37.2	
6577	nw_inf_ch ange																			971.4	226.823	0	2166	2179	2022-07- 27T12:49: 30	2022-07- 27T12:49: 30	36.7	
6576	reeling_ex change	291.86105 34667969	38.496166 22924805	10.153220 17669677 7	0.0	0.0	3.4359529 0184021		650.71881 10351562		0.0	48.070770 26367187 5	15.921684 26513671 9	517.37036 1328125	593.76159 66796875	249.32463 07373047	0.0	38.448928 83300781	12.718352 31781005 9	979.7	229.579	2395	2367	2380		2022-07- 27T11:49: 43	37.1	20220727-14
6575		270.53646 85058594				0.0	3.1541128 15856933 6	536.17572 02148438	595.45910 64453125	283.22940 06347656	0.0	44.103599 54833984 4	14.608214 37835693 4	474.31930 54199219	543.38732 91015625	229.79653 93066406 2	0.0	68554687	11.653802 87170410 2	994.1	229.506	2396	2374	2384	2022-07- 27T09:50: 55	2022-07- 27T10:49: 17	36.7	20220727-13
6574	reeling_ex change	249.48947 14355468 8	27.445812 22534179 7	8.5079421 99707031	0.0	0.0	2.8868055 34362793	487.65527 34375	539.91699 21875	259.24603 27148437 5	0.0	40.111053 46679687 5	13.286645 88928222 7	431.80465 69824219	493.81909 1796875	210.55223 08349609 4	0.0	32.166763 30566406	10.629847 52655029 3	916.2	201.542	2108	2086	2097		2022-07- 27T09:50: 55	47.3	20220727-12
6573	nw_sup_c hange																			913.2	200.909	0	2400	2372	2022-07- 27T09:50: 39	2022-07- 27T09:50: 39	47.1	
6572	nw_inf_ch ange																			912.3	200.47	0	2400	2372		2022-07- 27T09:50: 35	46.7	
6571	reeling_ex change	230.67846 6796875	22.590414 04724121	7.7581715 58380127	0.0	0.0	2.6313989 16244507	444.04235 83984375	489.91958 61816406	237.69024 65820312 5	0.0	36.526760 10131836	12.083948 13537597 7	393.15359 49707031		193.04660 03417968 8	0.0	29.279006 95800781 2		939.7	212.853	2190	2166	2179	2022-07- 27T08:25: 36	2022-07- 27T09:09: 03	46.6	20220727-11
6570	change	210.96247 86376953	73840332	89520264		0.0	2.3825347 42355346 7	398.53811 64550781	437.76528 93066406	215.19398 49853515 6	0.0	32.748939 51416015 6	10.854205 13153076 2	352.52136 23046875	401.28427 12402344	174.64431 76269531 2	0.0	26.252490 99731445 3	8.6639127 73132324	941.0	213.41	2189	2164	2177	27T07:42:	2022-07- 27T08:25: 36	46.6	20220727-10
6569	reeling_ex change	191.80044 55566406 2	12.497319 22149658 2	6.2030234 33685303	0.0	0.0	2.1254279 61349487 3	352.96231 07910156	385.55664 0625	192.67669 67773437 5	0.0	29.039295 19653320 3	9.5915060 04333496	312.33007 8125	354.42538 45214844	156.43013 00048828	0.0	23.220605 85021972 7	7.6873207 09228516	513.0	56.6559	598	597	599	2022-07- 27T06:17: 41	2022-07- 27T07:42: 15	47.3	20220727-09
6568	reeling_ex change	180.10325 62255859 4	9.7227783 203125	5.7528815 26947021 5	0.0	0.0	1.9756970 40557861 3	332.87634 27734375	362.67498 77929687 5	182.67424 01123047	0.0	27.385269 16503906 2	9.0426530 8380127	294.69018 5546875	333.87545 77636719	148.38157 65380859 4	0.0	21.931268 6920166	7.2417469 0246582	976.2	235.282	2421	2387	2364	27T05:29:	2022-07- 27T06:17: 41	47.3	20220727-08
6567	nw_sup_c hange																			176.0	235.757	0	2400	2372		2022-07- 27T06:17: 49	46.9	
6566	nw_inf_ch ange																			985.0	235.265	0	2367	2344	27T06:17:	2022-07- 27T06:17: 43	46.9	
6565		154.75064 08691406 2				0.0	1.7001626 49154663					23.433271 40808105 5	7.7343673 70605469	251.37976 07421875	284.84936 5234375	126.59546 66137695 3	0.0	16052246	5		232.612	2429	2400	2372		2022-07- 27T05:29: 14	46.9	20220727-07
6564		128.37490 84472656 2				0.0	1.4085029 36363220 2	236.50857 54394531 2	257.92883 30078125	129.94020 08056640 6	0.0	19.457393 64624023 4	6.4397931 09893799	208.37966 91894531 2	236.37704 46777343 8	104.93136 59667968 8	0.0	3	5.1063961 98272705		209.32	2235	2206	2186	27T03:11:	2022-07- 27T04:40: 43	46.9	20220727-06
6563	state_wor king	124.64194 48852539	6.7025427 81829834	3.9006741 04690551 8	0.0	0.0				125.22093 96362304 7		18.740764 61791992 2	6.2036213 87481689 5	200.99304 19921875	227.88824 46289062 5	101.20389 55688476 6	0.0	2	4.9243779 18243408		186.014	0	0	0		2022-07- 27T04:31: 51	9.9	
6562		123.88368 22509765				0.0	1.3622491 35971069	227.83348 08349609	248.50386 04736328	125.17480 46875	0.0				227.72547 91259765			14.896390 91491699	4.9243779 18243408	180.3	184.884	0	0	0	2022-07- 27T04:29:	2022-07- 27T04:29:	4.5	

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6562	state_start	t 6	6.6624813 07983398		0.0	0.0		4	04736328				5	98388672	6		0.0	2	4.9243779 18243408	100.3	184.884	0	0	0	37	37	4.5	
6561	state_stop	122.25763 70239257 8	6.5690045 35675049	3.8083653 45001220 7	0.0	0.0	1.3437004 08935546 9	226.17346 19140625	246.69648 74267578	124.26164 24560546 9	0.0	18.621204 37622070 3	6.1445784 56878662	199.40808 10546875	226.04696 65527343 8	100.40514 37377929 7	0.0	14.767631 53076171 9	4.8940415 38238525	890.3	184.79	0	0	0	2022-07- 27T03:51: 53	2022-07- 27T03:51: 53	0.0	
6560	reeling_ex change	101.14881 89697265 6	5.4238276 48162842	3.1594944 00024414	0.0	0.0	1.1107856 03523254 4	186.68281 55517578	203.67703 24707031 2	102.59083 55712890 6	0.0	15.386570 93048095 7	5.0814166 06903076	164.66052 24609375	186.75434 87548828	82.911026 00097656	0.0		4.0430808 06732178	971.3	219.474	2371	2339	2316		2022-07- 27T03:11: 47	46.8	20220727-05
6559	nw_sup_c hange																			964.8	220.32	0	2367	2344	2022-07- 27T03:11: 24	2022-07- 27T03:11: 24	47.4	
6558	nw_inf_ch ange																			964.3	220.107	0	2360	2347		2022-07- 27T03:11: 20	46.4	
6557	reeling_ex change	75.958122 25341797	4.0384817 12341309	2.3797688 48419189 5	0.0	0.0		139.91680 90820312 5	152.76467 89550781 2	76.956565 8569336	0.0	11.519216 53747558 6	3.8025135 99395752	123.43188 4765625	140.53810 11962890 6	62.166145 32470703	0.0	9.1731376 64794922	3.0374732 01751709	976.7	224.49	2401	2367	2344	2022-07- 27T01:36: 14	2022-07- 27T02:24: 16	46.7	20220727-04
6556	reeling_ex change	50.093688 96484375	2.5956752 30026245	1.5510412 45460510 3	9.0	0.0	0.5519146 91925048 8	93.070228 57666016	101.74735 26000976 6	51.263229 37011719	0.0	7.6845250 12969971	2.5375394 82116699	82.197883 60595703	93.568336 4868164	41.403759 00268555	0.0	6.0825071 33483887	2.0294463 63449096 7	974.5	225.092	2400	2370	2348		2022-07- 27T01:36: 14	47.3	20220727-03
6555	reeling_ex change	24.791097 64099121	1.2780117 98858642 6	0.7749882 93647766 1	0.0	0.0	0.2706026			25.566934 58557129		3.8414990 90194702	1.2592204 80918884 3	41.294151 30615234 4	46.465080 26123047	20.799938 20190429 7	0.0	14761352	1.0156080 72280883 8	934.2	201.943	2197	2158	2145		2022-07- 27T00:48: 13	47.2	20220727-02
6554	nw_sup_c hange																			926.9	201.237	0	2360	2347		2022-07- 27T00:47: 54	47.2	
6553	nw_inf_ch ange																			926.0	200.77	0	2361	2350	2022-07- 27T00:47: 49	2022-07- 27T00:47: 49	47.3	
6552	reeling_ex change	2.5876049 99542236 3	0.1347975 73089599 6	0.0823389 44077491 76	0.0	0.0	0.0282534 02560949 326	4.8117008 20922852	5.2419652 93884277	2.6303725 24261474 6	0.0	0.4203951 06077194 2	0.1232388 16857337 95	4.3510541 91589355 5	4.8332824 70703125	2.2010879 51660156 2	0.0		0.1231246 96314334 87	979.7	220.142	2399	2360	2347	2022-07- 26T23:16: 13	2022-07- 27T00:04: 15	47.1	20220727-01
6551		743.21618 65234375	39.943172 45483398 4	24.928667 06848144 5	0.0	0.0	8.1264266 96777344	1385.6477 05078125	1513.0714 11132812 5	762.82159 42382812	0.0	114.34283 44726562 5	37.816612 24365234 4	1227.9630 12695312 5	1376.1375 73242187 5	618.33575 43945312	0.0	91.280944 82421875	30.209669 11315918	984.0	221.453	2400	2363	2350	2022-07- 26T22:28: 19	2022-07- 26T23:16: 13	47.0	20220726-37
6550		717.22454 83398438	38 604240	24.135711		0.0	7.8352794 6472168	1339.7469 48242187 5	1462.8493 65234375	737.53137 20703125	0.0	110.50910 94970703 1	36.547748 56567383	1186.7352 29492187 5	1330.3610 83984375	597.56390 38085938	0.0	88.218124 38964844	29.186590 19470215	257.1	8.90566	119	118	117	26T22:25:	2022-07- 26T22:28: 19	47.4	20220726-36
6549	reeling_ex change	716.89898 68164062	38.590744 01855469	24.125555 03845215	0.0	0.0	7.8352794	1337.4829		736.28442		110.32971 19140625	36.485561 37084961	1184.6525 87890625	1328.0686 03515625	596.51940 91796875	0.0	88.027648 92578125	29.155523 3001709	929.9	205.348	2195	2160	2148		2022-07- 26T22:25: 51	46.6	20220726-35
6548	nw_sup_c hange																			926.4	202.798	0	2364	2349	2022-07- 26T22:25: 28	2022-07- 26T22:25: 28	46.6	
6547	nw_inf_ch ange																			925.5	202.574	0	2364	2349		2022-07- 26T22:25: 24	47.1	
6546	reeling_ex change	691.79913 33007812	37.314548 49243164	23.315643 31054687 5	0.0	0.0	7.5635132 78961182	1294.2780 76171875	1413.1087 64648437 5	712.45904 54101562	0.0	106.74478 91235351 6	35.299182 8918457	1146.5382 08007812 5	1285.7105 71289062 5	577.32836 9140625	0.0	85.178375 24414062	28.189018 24951172	978.0	225.642	2399	2361	2350		2022-07- 26T21:41: 53	46.5	20220726-34
6545	reeling_ex change	666.93579 1015625	36.057243 34716797	22.524951 93481445 3	0.0	0.0	7.3000340 46173096	1247.2897 94921875	1361.7446 2890625	686.56396 484375	0.0			1104.5993 65234375				82.086730 95703125	27.182737 35046386 7	261.4	9.77513	126	124	123	2022-07- 26T20:51: 20	2022-07- 26T20:53: 58	46.6	20220726-33
6544	reeling ev	665.48046 875	35 976665	22.474559		0.0	7.2811818 12286377	1244.8258 05664062 5	1359.0379 63867187 5	685.20227 05078125	0.0	4	79174805	1101.9809 5703125	81640625	98828125		81.896896 36230469	27.119590 75927734 4	972.7	223.94	2399	2367	2352	2022-07- 26T20:03: 20	2022-07- 26T20:51: 20	46.6	20220726-32
6543	reeling_ex change	639.45434 5703125	34.645401 00097656	21.565990 44799804 7	0.0	0.0	6.9975237 84637451	1197.4669 18945312 5	1307.2407 2265625	659.10418 70117188	0.0	98.786590 57617188	32.631595 61157226 6	1060.2244 87304687 5	1189.8127 44140625	533.87292 48046875	0.0	78.792037 96386719	26.107027 05383300 8	920.7	200.721	2158	2125	2108	2022-07- 26T19:20: 07	2022-07- 26T20:03: 20	46.5	20220726-31
6542	nw_sup_c hange																			917.1	199.118	0	2363	2337		2022-07- 26T20:02: 58	47.0	
6541	nw_inf_ch ange																			916.7	198.873	0	2363	2337		2022-07- 26T20:02: 56	46.6	
6540	reeling_ex change	615.91369 62890625	33.450565 33813476 6	20.760850 90637207	0.0	0.0	6.7420511 24572754	1154.8765 86914062 5	1260.6992 1875	635.60632 32421875	0.0	95.280242 91992188	31.468656 53991699 2	1022.6098 02246093 8	1147.3374 0234375	514.94006 34765625	0.0	76.023162 84179688	25.184198 3795166	967.8	223.179	2399	2364	2349	2022-07- 26T18:32: 05	2022-07- 26T19:20: 07	47.3	20220726-30
6539	reeling_ex	589.81915 28320312	32.054241	19.863965		0.0				609.09344 48242188		91.263175	30.177402	980.55889 89257812	1099.6108			72.882820 12939453	24.132064 81933593 8	972.7	226.858	2399	2369	2354		2022-07- 26T18:32: 05	46.6	20220726-29
6538	reeling_ex change	563.84466 55273438	30.604684 82971191	18.990491 86706543	0.0	0.0				582.52337 64648438		87.318412 78076172	28.853666 30554199	937.98889 16015625	1052.2105 71289062	472.32672 11914062	0.0		23.086206 43615722		13.8414	166	165	164	0000 07	2022-07- 26T17:44:	47.3	20220726-28

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6538	change	563.84466 55273438	4	86706543	0.0	0.0	6.1658143 99719238	5	1320123	582.52337 64648438	0.0	87.318412 78076172	2	16015625		5	0.0	69.683067 32177734	7	286.7	13.8414	166	165	164	44	11	47.3	20220726-28
6537	reeling_ex change	562.44219 97070312	30.537097 93090820 3	18.940511 70349121	0.0	0.0	6.1564340 59143066	1055.0093 99414062 5	1151.5285 64453125	580.57830 81054688	0.0	87.023193 359375	28.759092 33093261 7	935.14245 60546875	1049.1007 08007812 5	470.92984 00878906	0.0	69.495269 77539062	23.022977 82897949 2	949.8	223.07	2283	2249	2225	2022-07- 26T16:55: 02	2022-07- 26T17:40: 44	47.4	20220726-27
6536	nw_sup_c hange																			945.8	220.03	0	276	273		2022-07- 26T17:40: 23	47.2	
6535	nw_inf_ch ange																			945.8	219.931	0	276	273	2022-07- 26T17:40: 22	2022-07- 26T17:40: 22	46.7	
6534	reeling_ex change	536.59283 44726562	29.118097 30529785	18.092205 04760742 2	0.0	0.0	5.8739418 98345947	1008.6834 71679687 5	1100.9150 390625	555.03936 76757812	0.0	83.183998 10791016	27.503860 47363281 2	894.01605 22460938	1003.2809 44824218 8	450.20223 99902344	0.0	66.420898 4375	22.009517 66967773 4	965.6	231.256	2400	2363	2337	26T16:07:	2022-07- 26T16:55: 02	46.8	20220726-26
6533	reeling_ex change	510.15676 87988281	27.678121 56677246	17.214727 4017334	0.0	0.0	5.5893297 19543457	960.36157 2265625	1048.0938 72070312 5	528.40521 24023438	0.0	79.180809 0209961	26.166795	850.46093		428.30053		95166015	20.933624 26757812 5	965.2	228.127	2399	2366	2343		2022-07- 26T16:07: 01	46.8	20220726-25
6532	reeling_ex change	483.80227 66113281	26.250301 36108398 4	16.346443 17626953	0.0	0.0	5.2973308	911.26489		501.33349		75.113632 20214844	24.837301 25427246	807.45159 91210938	907.05584 71679688	406.61999 51171875	0.0	00.044055	19.870033 26416015 6	719.1	129.735	1369	1348	1335	2022-07-	2022-07- 26T15:19: 06	47.1	20220726-24
6531	nw_sup_c hange																			710.5	128.956	0	2143	2118	2022-07- 26T15:18: 39	2022-07- 26T15:18: 39	46.5	
6530	nw_inf_ch ange																			710.1	128.859	0	2143	2118	2022-07- 26T15:18: 36	2022-07- 26T15:18: 36	46.6	
6529	reeling_ex change	469.20861 81640625	25.460933 68530273 4	15.860164 64233398 4	0.0	0.0	5.1392455 10101318	883.72290 0390625	964.32928 46679688	486.13812 25585937 5	0.0	72.811553 95507812	24.072412 49084472 7	782.69104 00390625	879.50231 93359375	394.14959 71679687 5	0.0	58.187450 40893555	19.251546 85974121	356.1	24.7712	279	276	273	2022-07- 26T14:27: 03	2022-07- 26T14:51: 42	47.1	20220726-23
6528	state_wor king	465.95294	25.286396 02661132	15.751618 38531494		0.0	5.1021132 46917725	878.10357 66601562	958.19696 04492188	483.04568 48144531	0.0	72.339752 19726562	23.920253 75366211	777.69458 0078125	873.95208 74023438	391.64352 41699219	0.0	57.872421 26464844	19.128477 09655761 7	198.7	3.19841	0	0	0	26T14:45:	2022-07- 26T14:45: 58	12.6	
6527	state_start	464.89608 76464844	25.219209 67102050 8	15.721992 49267578 1	0.0	0.0	5.0928301 81121826	877.53717 04101562	957.56994 62890625	482.72235 10742187 5	0.0	72.339752 19726562	23.920253 75366211	777.20019 53125	873.40454 1015625	391.39453 125	0.0	02172851	19.128477 09655761 7	181.0	0.484608	0	0	0	2022-07- 26T14:40: 57	2022-07- 26T14:40: 57	3.7	
6526		464 89608				0.0	5.0928301 81121826	877.53717 04101562	957.56994 62890625	482.72235 10742187 5	0.0	72.339752 19726562	23.920253 75366211	777.20019 53125	873.40454 1015625	391.39453 125	0.0	02172851	19.128477 09655761 7	178.1	0.484608	0	0	0		2022-07- 26T14:28: 29	0.0	
6525	reeling_ex	464.39251 70898437 5	25.192323 68469238	15.702241 89758300		0.0	5.0835456 84814453	876.72930 90820312	956.68896 484375	482.28009 03320312 5	0.0	72.280784 6069336	23.889822 00622558 6	776.62341 30859375	872.72772 21679688	391.09490 96679687 5	0.0	57.746360 77880859 4		517.0	64.6466	687	676	669	2022-07- 26T14:13: 07	2022-07- 26T14:27: 03	46.7	20220726-22
6524	state_start	464.89608 76464844	25.219209 67102050 8	15.721992 49267578 1	0.0	0.0	5.0928301 81121826	877.45440 67382812	957.47766 11328125	482.66989 13574219	0.0	72.339752	23.920253		873.24993	391.34301		02172851	19.128477 09655761 7	176.0	0.0969215	0	0	0	26T14:27:	2022-07- 26T14:27: 40	4.6	
6523	reeling_ex change	456.81015 01464844	24.789146 42333984 4	15.454234 12322998	0.0	0.0	5.0000638 96179199	862.89990 234375	941.55566 40625	474.64105 22460937 5	0.0	71.102424 62158203	23.525768 28002929 7	764.08447 265625	858.78277 58789062	384.77606 20117187 5	0.0	56.863948 82202148 4	18.790670 39489746	956.4	231.016	2399	2360	2337	2022-07- 26T13:25: 02	2022-07- 26T14:13: 07	46.8	20220726-21
6522		430.61026 00097656				0.0	4.7154626 84631348	813.96264 6484375	887.99951 171875	447.64242 55371094	0.0	67.034286 49902344	22.169132 23266601 6	720.53027 34375	810.28735 3515625	362.83203 125	0.0	53.591728 21044922	17.748119 35424804 7	967.4	231.354	2399	2364	2341		2022-07- 26T13:25: 02	46.8	20220726-20
6521		403.80520 62988281				0.0	4.4284181 59484863	763.44586 18164062	832.71520 99609375	419.76651 00097656	0.0		20.702570					23999023	16.678836 82250976 6	952.4	226.532	2353	2315	2288		2022-07- 26T12:36: 59	47.2	20220726-19
6520	nw_sup_c hange																			949.8	224.316	0	2143	2118	26T12:36:	2022-07- 26T12:36: 42	47.4	
6519	nw_inf_ch ange																			948.0	223.539	0	2359	2335		2022-07- 26T12:36: 33	47.2	
6518	reeling_ex change	378.23074 34082031	20.536233 90197754	12.843504 90570068 4	0.0	0.0	4.1429853 43933105 5	714.84197 99804688	779.55554 19921875	392.94122 31445312 5	0.0	58.856933 59375	19.476970 67260742 2	634.53356 93359375	714.49810 79101562	319.53265 38085937 5	0.0	86914062	15.624306 67877197 3	924.2	206.788	2179	2143	2118	26T11:06:	2022-07- 26T11:49: 48	46.7	20220726-18
6517	reeling_ex change	354.63796 99707031	19.275764 46533203	12.055616 37878418	0.0	0.0	3.8912653 92303467	669.97796 63085938	730.49291 9921875	368.19604 4921875	0.0	55.164054 87060547		595.12078 85742188	670.60375 9765625	299.67703 24707031	0.0		14.671165 46630859 4	262.4	10.0557	128	126	124		2022-07- 26T11:06: 16	46.6	20220726-17
6516	reeling_ex change	352.24801 63574219	19.143785 47668457	11.975535 39276123	0.0	0.0	3.8642823 69613647 5	667.44781 49414062	727.71588 13476562	366.79058 83789062 5	0.0			592.48370 36132812				44.104660 03417969	14.582536 69738769 5	970.9	229.154	2399	2364	2339	26T10:15:	2022-07- 26T11:03: 35	46.5	20220726-16
6515	reeling_ex change	326.12814 33105469	17.744237 89978027 3	11.098001 48010253 9	0.0	0.0				339.80096 43554687 5									13.529852 86712646 5	273.9	11.8159	148	146	145		2022-07- 26T10:15: 36	47.3	20220726-15
6514	reeling_ex	324.97024 53613281	17.678262	11.057645	0.0	0.0	3.5606691	615.64263		338.21899		50.680103	16.769699	546.39074 70703125	616.19165	275.13452 1484375	0.0		13.471968 65081787		223.927	2336	2298	2272	0000 07	2022-07- 26T10:12:	46.5	20220726-14

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	В4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6514		324.97024 53613281		2	0.0	0.0	3.5606691 83731079	615.64263 91601562	671.04821 77734375	338.21899 4140625	0.0	50.680103 30200195	8	546.39074 70703125	616.19165 0390625	275.13452 1484375	0.0	40.711601 25732422	1	960.2	223.927	2336	2298	2272	43	33	46.5	20220726-14
6513	nw_sup_c hange																			953.3	221.419	0	2354	2335		2022-07- 26T10:12: 11	46.7	
6512	nw_inf_ch ange																			952.9	221.225	0	2354	2335		2022-07- 26T10:12: 09	47.1	
6511		300.07186 88964844			0.0	0.0	3.2933213 71078491	567.28393 5546875	618.33312 98828125	311.61700 43945312 5	0.0	46.667785 64453125	15.443917 27447509 8	504.38629 15039062 5	569.36914 0625	254.00253 29589843 8	0.0	37.562438 96484375		972.2	228.127	2399	2359	2335	2022-07- 26T08:37: 38	2022-07- 26T09:25: 43	47.4	20220726-13
6510	cnange	273.72326 66015625	60760498	772583		0.0	7	40242100	42070120			42.654628 75366211	_	9		-			11.375812 53051757 8	972.2	228.031	2399	2364	2344		2022-07- 26T08:37: 38	46.6	20220726-12
6509	reeling_ex change	247.75735 47363281 2	13.555731 77337646 5	8.4623680 1147461	0.0	0.0	2.7152132 98797607 4	469.73614 50195312 5	512.06298 828125	258.04183 95996094	0.0	38.656974 79248047	12.803690 91033935 5	418.45806 88476562 5	469.34539 79492187 5	210.73274 23095703	0.0	31.201795 57800293	10.337916 37420654 3	963.4	219.7	2315	2271	2252	2022-07- 26T07:03: 10	2022-07- 26T07:49: 35	46.7	20220726-11
6508	nw_sup_c hange																			959.5	220.012	0	2354	2335	26T07:49:	2022-07- 26T07:49: 15	46.7	
6507	nw_inf_ch ange																			958.6	219.624	0	2352	2336	10	26T07:49: 10	46.6	
6506	change	222.69609 06982422	84362793	45568848		0.0	48171997	5	5	4			23223877	83984375	56542969	5			9.3167734 14611816	978.0	224.034	2399	2354	2335	26T06:15: 05	2022-07- 26T07:03: 10	46.9	20220726-10
6505	reeling_ex change	197.69650 26855468 8	10.832314 49127197 3	6.7718062 40081787	0.0	0.0	2.1658849 71618652 3					30.877420 42541504						24.984352 11181640 6	8.2828884 12475586	982.8	225.642	2399	2359	2343	2022-07- 26T05:27: 02	2022-07- 26T06:15: 05	46.8	20220726-09
6504	reeling_ex change	172.76110 83984375	9.4792661 66687012	5.9066972 73254394 5	0.0	0.0	1.8897796 86927795 4	327.65396 11816406	356.95217 89550781	179.85270 69091797	0.0	26.917171 47827148 4	8.9160137 17651367	292.68176 26953125	325.48138 42773437 5	147.38830 56640625	0.0	21.794515 60974121	7.2102446 55609131	936.5	206.998	2229	2185	2169		2022-07- 26T05:27: 02	46.9	20220726-08
6503	nw_sup_c hange																			932.6	206.419	0	2355	2341	2022-07- 26T05:26: 39	2022-07- 26T05:26: 39	47.3	
6502	nw_sup_c hange																			932.6	206.419	0	2355	2341		2022-07- 26T05:26: 39	47.3	
6501		148.86900 32958984 4				0.0	1.6294660 56823730 5	282.91076 66015625	308.08544 921875	155.23176 57470703	0.0	23.196237 56408691 4	7.6979055 40466309	252.48254 39453125	280.92349 24316406	127.16159 82055664	0.0	18.861770 62988281 2	6.2221093 17779541	977.4	223.104	2399	2352	2336	2022-07- 26T03:54: 14	2022-07- 26T04:42: 20	47.2	20220726-07
6500	reeling_ex change	122.96112 82348632 8	6.7399268 15032959	4.2091693 87817383	0.0	0.0	1.3465054 03518676 8	234.87471 00830078	255.71342 46826172	128.85473 6328125	0.0	19.237071 99096679 7	6.4106974 60174560 5	209.87358 09326172	232.89669 79980468 8	105.69081 11572265 6	0.0	15.685146 33178711	5.1940765 38085937 5	983.2	223.442	2400	2357	2342		2022-07- 26T03:54: 14	46.9	20220726-06
6499	reeling_ex change	97.450393 67675781	5.3516979 2175293	3.3305335 04486084	0.0	0.0	1.0627453 32717895 5	187.12100 21972656 2	203.69828 79638672	102.63613 89160156 2	0.0	15.325117 11120605 5	5.1104645 72906494	166.66654 96826172	184.92329 40673828	83.939712 52441406	0.0	41230003	4.1291952 13317871		8.8128	116	115	114	2022-07- 26T03:03: 50	2022-07- 26T03:06: 16	46.9	20220726-05
6498	reeling_ex change	97.129333 49609375	5.3251490 59295654	3.3203403 94973755	0.0	0.0	1.0627453 32717895 5	184.73475 64697265 6	201.08674 62158203	101.33566 28417968 8	0.0	15.147479 05731201 2	5.0213809 0133667	164.86756 89697265 6	182.93136 59667968 8	83.037780 76171875	0.0	12.326656 34155273 4	4.0683879 85229492	948.0	215.243	2297	2255	2242		2022-07- 26T03:03: 50	47.1	20220726-04
6497	nw_inf_ch ange																			943.6	214.323	0	149	147	2022-07- 26T03:03: 26	2022-07- 26T03:03: 26	47.2	
6496	nw_sup_c hange																			943.1	213.866	0	149	147		2022-07- 26T03:03: 25	47.0	
6495	reeling_ex change	72.782730 10253906	3.9935040 47393799	2.4912595 74890136 7	0.0	0.0				75.997734 06982422		11.352250 09918212 9	7	4	2	1003410		9.2213916 77856445	3.0683550 83465576	978.7	226.404	2399	2355	2341		2022-07- 26T02:17: 47	46.6	20220726-03
6494	-	47.484527 58789062 5	62973022 5	39462280 3	0.0	0.0	0.5109700 56056976 3	2031830	31/8/11	0144043		7.4320507 04956055							2.0099332 33261108 4		224.584	2400	2364	2344	26T00:41:	2022-07- 26T01:29: 42	46.6	20220726-02
6493	reeling_ex change	22.221918 1060791	1.2210671 90170288	0.7580248 11744689 9	0.0	0.0	0.2424423 54559898 38	42.144371 03271484 4	45.844860 0769043	23.105373 38256836	0.0	3.4490821 36154175	1.1420781 61239624	37.937934 87548828	42.072059 63134765 6	19.101764 67895507 8	0.0	2.7967362 40386963	0.9457253 21769714 4	920.9	202.93	2141	2107	2090		2022-07- 26T00:41: 39	47.1	20220726-01
6492	nw_sup_c hange																			912.7	201.106	0	2365	2348		2022-07- 26T00:41: 16	46.6	
6491	nw_inf_ch ange																			912.3	201.01	0	2365	2348	26T00:41:	2022-07- 26T00:41: 15	47.4	
6490	reeling_ex change	664.57653 80859375	84.966598 51074219	23.073961 25793457	0.0	0.0	7.7970867 15698242	1215.4945 06835937	1583.4918 21289062	807.40777 58789062	0.0	112.29494 47631836	37.096641 54052734	1088.8918 45703125	1457.2514 6484375	667.87170 41015625	0.0	91.493835 44921875	30.225942 61169433	277.4	12.2666	151	149	147	2022-07- 25T23:55:	2022-07- 25T23:58:	46.7	20220725-37

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6490	reeling_ex change		84.966598 51074219	23.073961 25793457	0.0	0.0	7.7970867 15698242	5	5	807.40777 58789062	0.0	112.29494 47631836	4	1088.8918 45703125	1457.2514 6484375	667.87170 41015625	0.0	91.493835 44921875	6	277.4	12.2666	151	149	147	38	49	46.7	20220725-37
6489	reeling_ex change	663.33593 75	84.899497 98583984	23.033687 59155273 4	0.0	0.0	7.7783794 40307617	1212.5227 05078125	1580.2468 26171875	805.76196 2890625	0.0	83056640 6	10351562 5	J	51757812 5	91601562	0.0	91.239517 21191406	30.164884 56726074 2	975.5	229.057	2401	2363	2348		2022-07- 25T23:55: 38	47.2	20220725-36
6488	reeling_ex change	638.23229 98046875	83.505706 78710938	22.175195 69396972 7	0.0	0.0	7.5067634 58251953	1163.8498 53515625	1527.2469 48242187 5	779.04351 80664062	0.0	108.08097 83935546 9	35.675140 38085937 5			645.02673 33984375	0.0	88.058479 30908203	29.124397 27783203	976.9	225.473	2400	2369	2353		2022-07- 25T23:07: 33	46.7	20220725-35
6487	reeling_ex change	612.56030 2734375	82.088882 44628906	21.304340 36254882 8	0.0	0.0	7.2272276 87835693	1115.8162 84179687 5	1474.9532 47070312 5	752.69592 28515625	0.0	104.17395 01953125	34.373565 67382812 5	1000.9150 390625	1359.6871 33789062 5	623.59985 3515625	0.0	84.898200 98876953	28.076749 80163574 2	943.6	217.386	2314	2278	2260		2022-07- 25T22:19: 29	46.9	20220725-34
6486	nw_sup_c hange																			940.5	216.054	0	2365	2348	25T22:19:	2022-07- 25T22:19: 11	46.4	
6485	nw_inf_ch ange																			940.0	215.674	0	2364	2346	2022-07- 25T22:19: 07	2022-07- 25T22:19: 07	47.1	
6484	reeling_ex change	588.35272 21679688	80.751152 03857422	20.470201 49230957	0.0	0.0	6.9634809 49401855 5	1069.8609 61914062	1424.9167 48046875	727.44671 63085938	0.0	100.37352 75268554 7	33.139163 97094726	959.81616 2109375	1314.0894 77539062	602.92425 53710938	0.0	81.865806 57958984	27.050777 43530273 4	966.9	225.473	2399	2365	2348		2022-07- 25T21:33: 06	46.7	20220725-33
6483	reeling_ex change	562.86987 3046875	79.331817 62695312	19.605413 43688965	0.0	0.0		1021.4581		700.88336 18164062	0.0	96.442329 40673828						78.710136 41357422	25.987785 33935547	963.8	225.378	2399	2369	2352		2022-07- 25T20:45: 01	46.6	20220725-32
6482	reeling_ex change	537.68579 1015625	77.941818 23730469	18.752878 18908691	0.0	0.0	6.4038786	973.65148		674.67895		92.514282 2265625						75.568695 06835938	24.947595 59631347	945.8	221.382	2356	2318	2298	2022-07- 25T19:09:	2022-07- 25T19:56: 57	46.8	20220725-31
6481	nw_sup_c hange			•															,	943.6	220.145	0	2364	2346	2022-07- 25T19:56:		46.7	
6480	nw_inf_ch ange																			942.7	219.93	0	2250	2230	2022-07-	2022-07- 25T19:56: 36	47.2	
6479	reeling_ex change	513.70281 98242188	76.603942 87109375	17.936925 88806152	0.0	0.0	6.1425714 49279785	926.29699 70703125	1268.7475 5859375	648.72167 96875	0.0	88.640846 2524414	29.258729 93469238	832.37677 00195312	1172.6455 078125	538.77441 40625	0.0	72.422325 13427734	23.930315 01770019	957.4	225.568	2399	2364	2346	2022-07-	2022-07- 25T19:09:	46.9	20220725-30
6478	reeling ev		75 211730	17.084693	0.0	0.0	5.8731322 28851318	878.40844 7265625	1216.6300 04882812	622.43829 34570312	0.0	84.725692 74902344	27.963500	789.45715	1124.9304	517.16650		69.278060 91308594	22.876804 35180664	958.1	225.378	2399	2369	2352	2022-07-	2022-07- 25T18:21: 39	46.6	20220725-29
6477	reeling_ex	463.81478	73.968803	16.258523 94104004	0.0	0.0				595.91540 52734375		80.702606 20117188	26.657302 85644531	746.63336 18164062	1077.2611 08398437	495.58102 41699219	0.0	66.131385 80322266	21.792974 4720459	942.7	216.816	2308	2270	2251	2022-07-	2022-07- 25T17:33: 36	46.7	20220725-28
6476	nw_sup_c hange								3				_		3					940.0	215.931	0	2250	2230	2022-07- 25T17:33:	2022-07- 25T17:33: 21	46.9	
6475	nw_inf_ch ange																			939.2	215.455	0	200	198	2022-07-		47.2	
6474	reeling ev	439.11019 89746094	72.641021 72851562	15.416574 47814941	0.0	0.0	5.3338871 00219727	783.98461 9140625	1113.8587 64648437	570.64495 84960938	0.0	76.929382 32421875	25.407037 73498535	705.87994 38476562	1031.9377 44140625	475.07165 52734375	0.0	63.063301 08642578	20.809625 62561035	937.0	215.008	2289	2250	2230	2022-07-	2022-07- 25T16:47: 21	46.9	20220725-27
6473	reeling_ex		71.328224	14.603026	0.0	0.0	5.0694108	737.82501		545.33685				664.67553 7109375			0.0	60.012222 29003906	19.802341 46118164	937.9	214.913	2289	2252	2230	2022-07- 25T15:15:	2022-07- 25T16:01:	47.1	20220725-26
6472	reeling_ex	392.07022	70.054023	13.819126 12915039	0.0	0.0				520.02288 81835938	0.0	69.314170 83740234	22 012010	624 30560	0/1 30316	434.01812	0.0	57.012275 69580078	18.801918 02978515	328.9	19.4078	229	227	225	25T15:09:	33 2022-07- 25T15:15:	47.1	20220725-25
6471	_			13.738076 21002197 3	0.0	0.0	4.7974500	688.53271	1010.1203	518.32708 74023438		69.078361 51123047					0.0	56.762004 85229492	18.739715	193.7	1.52218	0	0	0	25T15:11:	52 2022-07- 25T15:11:	12.4	
6470				13.738076 21002197 3		0.0				518.01623 53515625	0.0	69.019409 1796875						56.762004 85229492			0.856226		0	0	25T15:10:	40 2022-07- 25T15:10:	5.3	
6469				13.707769 39392089 8		0.0				517.60351 5625		68.960456 84814453						56.699443 81713867			217.277	2308	2268	2246	2022-07- 25T14:23:	25T15:09:	47.1	20220725-24
6468	nw_sup_c			ð					2				5		-				4		217.372	0	143	144	2022-07- 25T15:09:	2022-07- 25T15:09:	47.1	
6467	nw_inf_ch ange																			944.0	217.182	0	143	144	2022-07- 25T15:09:	45 2022-07- 25T15:09:	46.6	
6466		365.05041 50390625	68.559310 91308594	12.888203 62091064	0.0	0.0	4.5232167 24395752	641.15722 65625	958.71069 3359375	492.40261 84082031	0.0	65.194908 14208984	21.520593 64318847	579.11572 265625	890.86511 23046875	411.17752 07519531	0.0	53.638160 70556640	17.688545 22705078	313.1	16.9756	203	200	198	0000 07	43 2022-07- 25T14:23:	47.2	20220725-23

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6466	reeling_ex change	365.05041 50390625	68.559310 91308594	5	0.0	0.0	4.5232167 24395752	641.15722 65625	958.71069 3359375	492.40261 84082031	0.0	65.194908 14208984	7		890.86511 23046875		0.0	6	17.688545 22705078	313.1	16.9756	203	200	198	03	40	47.2	20220725-23
6465	state_wor king	363.19601 44042969	68.465476 9897461	12.827647 20916748	0.0	0.0	4.5052037 23907471	637.34381 10351562	954.56683 34960938	490.31027 22167969	0.0	64.843330 38330078	21.427919 38781738 3	576.00775 14648438	887.43035 88867188	409.62933 34960937 5	0.0		17.627288 81835937 5	201.7	3.05179	0	0	0	2022-07- 25T14:19: 28	2022-07- 25T14:19: 28	12.0	
6464	state_start	361.50839 23339844	68.371643 06640625	12.767181 39648437 5	0.0	0.0	4.4872641 56341553	636.77825 92773438	953.94555 6640625	490.00805 6640625	0.0	64.843330 38330078	21.427919 38781738 3	575.51440 4296875	886.86822 50976562	409.38055 41992187 5	0.0	74072265	17.596660 61401367 2	176.0	0.286105	0	0	0	2022-07- 25T14:14: 08	2022-07- 25T14:14: 08	4.1	
6463	state_stop	361.50839 23339844	68.371643 06640625	12.767181 39648437	0.0	0.0	4.4872641 56341553	636.19348 14453125	953.32373 046875	489.69094 84863281	0.0	64.784797 66845703	21.397041 32080078	575.06256 10351562	886.35363 76953125	409.13870 23925781	0.0	53.325736 99951172	17.596660 61401367	176.0	0.286105	0	0	0		2022-07- 25T14:02: 14	0.0	
6462	reeling_ex change	361.35903 93066406	68.358238	12.767181	0.0	0.0	4.4872641 56341553	635.67608 64257812	952.74938 96484375	489.41162 109375	0.0				885.79803 46679688		0.0		17.596660	828.6	166.132	1747	1716	1702	2022-07-		30.3	20220725-22
6461	state_start	361.50839 23339844	68.371643 06640625	12.767181 39648437 5	0.0	0.0	4.4872641 56341553	636.06054 6875	953.16723 6328125	489.60012 81738281	0.0	64.784797 66845703	21.397041 32080078	574.56964 11132812	885.79803 46679688	408.89196 77734375	0.0		17.596660	176.0	166.418	0	0	0	2022-07- 25T14:01:	2022-07- 25T14:01:	4.7	
6460	reeling_ex	341.85794 06738281	67 299797	12.098461		0.0	4.2727322	600.31945		470.04940	0.0				851.03643 79882812		0.0	51 004310	16.806980 13305664	913.6	201.747	2158	2124	2112	16 2022-07- 25T12:42:	16 2022-07- 25T13:25:	47.3	20220725-21
6459	reeling_ex	319.03823 85253906	66.064277	11.322594	0.0	0.0	4.0213027	556.81884		446.28463	0.0	58 289863	10 273706	504 78579	808 11724	373.71588		-		504.7	54.7153	619	605	607	21 2022-07- 25T11:53:	32 2022-07- 25T12:42:	47.0	20220725-20
6458	state_wor	312 35102	65 709663	11.103200		0.0				439.33990 47851562 5	0.0				795.13104 24804688		0.0	47.267391	15.589123 72589111	234.1	6.06926	0	0	0	45 2022-07- 25T12:29:	21 2022-07- 25T12:29:	12.3	
6457	king state_start	01 103010	34042303	6 11.063089 37072753 9		0.0	3.9302103	F 40 00004	050 40055	400 70000		6 57.151634 21630859 4						4 47.203834	3 15.559751 51062011		1.93113	0	0	0	15 2022-07-	15 2022-07- 25T12:20:		
		34472656 308.87347 41210937 5					7	84375	1/5/6125	437.60513		57.031806	18.845188	490.60317	792.30413	366.55722		6							47 2022-07-	47 2022-07-		
6456						0.0	83864238	40032012	44720002	30566406 437.50173		56.971893	14086914	99310400	81835938 792.30413	04589844		43013331	1 15.530379 29534912			0	0	0	59 2022-07-	25T11:54: 59 2022-07-		
6455		5	0070120	41373077		0.0	85864258	55078125	19720002	95019531		3	14086914	99316406	81835938 791.20532	04589844	0.0	40010001	1		1.01526	0	0	0	25T11:54: 42 2022-07-	25T11:54: 42 2022-07-	4.8	
6454	reeling_ex change	308.15814 20898437 5	65.265136 71875	67120361 3	0.0	0.0	97171020 5	94140625	849.12707 51953125	437.14242 55371094	0.0	31054687 5	30395507 8	489.89779 66308594	791.20532 2265625	366.05969 23828125	0.0	47.013195 0378418	15.501007 08007812 5	935.0	202.871	2214	2180	2208		25T11:53: 45	47.3	20220725-19
6453	nw_sup_c hange																			930.4	202.5	0	2304	2339	25T11:53: 41	25T11:53: 41	47.3	
6452	nw_inf_ch ange																			929.9	204.347	0	2304	2339	2022-07- 25T11:53: 39	2022-07- 25T11:53: 39	47.6	
6451	reeling_ex change	289.07516 47949219	61.219039 91699219	10.296054 84008789	0.0	0.0	10720825	03613281	84570312		0.0	4	5	5	00040070	63964844	0.0	44.153678 89404297	14.565084 45739746 1	273.9	11.1508	145	143	144	2022-07- 25T11:06: 55	2022-07- 25T11:09: 54	47.3	20220725-18
6450	reeling_ex change	287.62646 484375	60.917221 06933594	10.245309 82971191 4	0.0	0.0	3.6368913 65051269 5	505.40081 78710937 5	794.29046 63085938	408.89614 86816406	0.0	53.256542 20581055	17.600290 29846191 4	457.87475 5859375	739.53826 90429688	342.13705 44433594	0.0	43.962413 7878418	14.506772 99499511 7	961.7	215.802	2339	2305	2334	2022-07- 25T10:20: 27	2022-07- 25T11:06: 55	47.6	20220725-17
6449	reeling_ex change	267.62881 46972656	56.681522 36938476 6	9.5428428 64990234	0.0	0.0	3.3841626 64413452	470.25415 0390625	739.11334 22851562	380.46603 39355469	0.0	49.605476 37939453	16.377685 546875	426.22872 92480469	688.41864 01367188	318.51757 8125	0.0	40.894607 54394531	13.484805 1071167	965.3	210.721	2341	2315	2343		2022-07- 25T10:20: 27	46.9	20220725-16
6448	reeling_ex change	247.14590 45410156 2	52.341056 82373047	8.8175430 29785156	0.0	0.0	3.1245880 12695312 5	435.20272 82714844	684.01867 67578125	352.08587 64648437 5	0.0	45.886928 55834961	15.152570 72448730 5	394.71798 70605469	637.46899 4140625	294.98806 76269531	0.0		12.481676 10168457	985.0	221.066	2420	2385	2421	2022-07- 25T08:45: 50	2022-07- 25T09:33: 57	47.8	20220725-15
6447	nw_inf_ch ange																			981.5	219.955	0	178	180	2022-07- 25T09:33: 34	2022-07- 25T09:33: 34	47.5	
6446	nw_sup_c hange																			980.6	219.847	0	178	180	2022-07- 25T09:33:	2022-07- 25T09:33: 31	47.3	
6445	-	226.51145 93505859 4	47.968841 55273437	8.0789213 180542	0.0	0.0	2.8662152 29034424	399.19918 82324219	627.45379 63867188	322.94924 92675781	0.0	42.116500 85449219	13.891787 5289917	361.95953 36914062	584.58044 43359375	270.54461 66992187	0.0	34.737598 41918945	11.468046 18835449	972.2	213.577	2339	2304	2339	2022-07- 25T07:59:	2022-07- 25T08:45:	47.1	20220725-14
6444		4 206.42575 07324218 8				0.0	2.6098999	00445000		004 57405	0.0				533.08111 57226562			31.717594 14672851	10.440278 05328369	971.5	213.908	2339	2310	2341	25T07:12:	50 2022-07- 25T07:59:	47.8	20220725-13
6443		8 186.32582 09228515 6				0.0	•			265.71795 65429687 5	0.0				481.47665 40527344	o .		6 28.646697 99804687	9.4319925	939.6	202.881	2214	2180	2213		20 2022-07- 25T07:12:	47.1	20220725-12
6442	nw_inf_ch ange		30/91992	00049316			7	09042969	24004688	5		2949/0/	1	9002/344	40527344	4		5	30822754		202.025		2302	2344	55	50 2022-07- 25T07:12:		
	unge																								20101.12.	20101.12.		

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
	nw_inf_ch ange																			936.1	202.025	0	2302	2344	28	28	47.1	
	nw_sup_c hange																			935.2	201.746	0	2302	2344	2022-07- 25T07:12: 24	2022-07- 25T07:12: 24	47.2	
6440 re	reeling_ex change	167.93443 29833984 4	35.555587 76855469	5.9833936 69128418	0.0	0.0	2.1202888 48876953		464.09518 43261719		0.0	31.125329 97131347 7	10.254872 32208252	267.87646 484375	432.45465 08789062 5	200.24572 75390625	0.0	25.702272 41516113 3	8.4849767 68493652	302.1	14.6509	181	178	180	2022-07- 25T06:25: 12	2022-07- 25T06:28: 55	47.4	20220725-11
				5.9017443 65692139		0.0	2.0937464 23721313	232.31203	459.74032 59277344	236.63069 15283203	0.0	30.829710 00671386 7						25.445856 09436035	8.3934783 93554688	970.0	214.023	2339	2309	2337		2022-07- 25T06:25: 12	47.1	20220725-10
6438 TE	reeling_ex		30.754583	5.1770067		0.0	1.8382685 18447876	257.30108 64257812	404.41757 20214844	208.15565 49072265 6	0.0	27.155935 28747558 6						22.375972 74780273 4	7.4154038 42926025	969.2	214.933	2340	2317	2340	2022-07- 25T04:52:		47.5	20220725-09
6437 re	reeling_ex change	125.87483 21533203	26.626811 98120117	4.4640750 88500977	0.0	0.0	1.5935521	222.24523		179.77778		23.422147 75085449 2						19.305957	6.3701853 75213623		213.324	2315	2280	2320	2022-07- 25T04:06:	2022-07- 25T04:52:	47.5	20220725-08
6436 n	nw_inf_ch ange	1	2				/					2		2		5		3		955.9	210.658	0	2284	2324	2022-07- 25T04:51:	25T04:51:	47.3	
6435 n	nw_sup_c hange																			955.0	210.472	0	2284	2324		25T04:51:	47.5	
6424 TE	reeling_ex	105.90752 41088867	22.382930 75561523	3.7498769 76013183	0.0	0.0	1.3453530 07316589	187.76243 59130859	295.08819 58007812	151.89884	0.0	19.785827	6.5314788 81835937	170.31265 25878906	274.73226 92871094	127.31988 52539062	0.0	16.290086 74621582	5.3855514	966.9	211.407	2339	2302	2344	2022-07-	47 2022-07- 25T04:06:	47.5	20220725-07
	_	2	4	6 3.0148546 69570923		0.0	1.0798755	152.69386	239.96678		0.0	63671875 16.130702 97241211					0.0	13.262403	4.4009265	967.0	212.782	2339	2310	2346	2022-07-	10 2022-07- 25T03:19:	47.1	20220725-06
				2 3176794	0.0	0.0	0.8318441	6 117.04273	4 183.93710	2		9/241211 12.361195 56427002					0.0	10 102460	0990302			2292	2255	2297	17 2022-07-	41		20220725-05
n	change nw_sup_c	65820312	3	51538086	0.0	0.0	5102005	3	8	44677734	0.0	56427002	24060059	5	6	06738281	0.0	04754638 7	07901001						48 2022-07-	17 2022-07-		20220123-03
0431 hi	hange nw_inf_ch																			952.9	210.168		2341	2372	57 2022-07-			
6430 aı	ange	46 605262		1 6489355			0.5873353		129 10482						120 37151					952.4	209.888	0	2341	2372		25T02:32: 55	47.8	
				1.6489355 56411743 2		0.0	0.5873353 48129272 5					8.6600351 33361816						7.1485548 01940918	32393994	967.4	216.529	2320	2284	2324	25T01:01: 41	25T01:47: 48	47.2	20220725-04
				0.9652257 56168365 5	0.0	0.0	0.3439612 68663406 37				0.0	5.0137228 96575928	1.6301583 05168151 9	43.340682 98339844	69.604415 89355469	32.393424 98779297	0.0	91778564 5	1.3566312 78991699 2	964.8	211.8	2319	2290	2325	41	25T01:01: 41	47.1	20220725-03
		7.7286119 46105957			0.0	0.0	80436801 91	75152587 9	4	31915283 2	0.0	1.3698961 73477172 9			18.128385 54382324 2	8.4578018 18847656	0.0	1.0840986 96708679 2	0.3485237 06197738 65	288.3	13.1452	164	163	166		2022-07- 25T00:15: 41	47.3	20220725-02
6426 re	reeling_ex change	5.8202853 20281982	1.2235249 28092956 5	0.2055014 22286033 63	0.0	0.0	0.0728494 30143833 16	10.246332 16857910 2	16.107517 24243164	8.2826490 40222168	0.0	1.0723021 03042602 5	0.3392215 66915512 1	8.8447198 86779785	14.189214 70642089 8	6.6172375 67901611	0.0		0.2851878 10659408 57	944.6	205.654	2246	2218	2249	2022-07- 24T23:27: 39	2022-07- 25T00:12: 20	47.2	20220725-01
	nw_sup_c hange																			941.8	202.816	0	2341	2372	2022-07- 25T00:12: 03	2022-07- 25T00:12: 03	47.1	
	nw_inf_ch ange																			940.5	202.46	0	2341	2372	2022-07- 25T00:11: 56	2022-07- 25T00:11: 56	47.4	
6423 re	reeling_ex change	628.72302 24609375	133.27668 76220703	24.136936 18774414	0.0	0.0	7.9390864 37225342		1664.6308 59375		0.0	111.61353 30200195 3	36.929309 8449707	872.20550 53710938	1568.6579 58984375	824.92285 15625	0.0	93.542121 88720703	30.948490 14282226 6	968.7	216.091	2370	2341	2372		2022-07- 24T23:27: 39	47.4	20220724-33
6422 re	reeling_ex change	608.29003 90625	128.96446 22802734	23.366472 24426269 5	0.0	0.0	7.6803655 62438965	912.68359 375	1608.5932 6171875	939.05029 296875	0.0		25 601000				0.0	90.440200 80566406		974.9	215.806	2370	2348	2377	2022-07- 24T21:53:		47.9	20220724-32
				22.651847 83935547	0.0	0.0	7.4222335 81542969	877.07293 70117188	1552.6086 42578125	910.20947 265625	0.0	104.07897 18627929 7					0.0	87.324028 01513672	28.913875 57983398	941.0	206.643	2239	2213	2242	2022-07- 24T21:08:		47.6	20220724-31
6420 N	nw_sup_c hange		o .									,			3				7	937.4	203.781	0	2344	2372	2022-07- 24T21:53:	2022-07- 24T21:53:	47.4	
6419 n	nw_inf_ch																			937.0	203.689	0	2344	2372	2022-07- 24T21:53:	24T21:53:	47.7	
	ange	568.86193	120.63482	21.976383	0.0	0.0	7.1821875	843.15625	1499.5203	882.85931 39648438	0.0	100.52810	33.253662	776.95721	1415.9880 37109375	753.78918	0.0	84.410003 66210938	27.927944	969.2	218.27	2370	2341	2372	0000 07	07 2022-07- 24T21:08:	47.7	20220724-30

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6418	change	568.86193 84765625	5	6	0.0	0.0	7.1821875 57220459	843.15625	5	882.85931 39648438	0.0	2	33.253662 109375	776.95721 43554688	1415.9880 37109375	753.78918 45703125	0.0	66210938	18334961	909.2	218.27	2370	2341	2372	50	56	47.7	20220724-30
6417	reeling_ex change	547.93640 13671875	116.21211 24267578 1	21.215187 07275390 6	0.0	0.0	6.9136509 89532471	807.37664 79492188	1443.4473 87695312 5	853.96765 13671875	0.0	96.755249 0234375	32.021308 89892578	744.25115 96679688	1363.5998 53515625	729.38690 18554688	0.0	81.238723 75488281	26.906339 64538574 2	968.3	216.896	2369	2345	2375	2022-07- 24T19:34: 46	2022-07- 24T20:21: 50	47.1	20220724-29
6416				20.401456 83288574 2		0.0	6.6648144 72198486	771.20501 70898438	1386.7701 41601562 5	824.78588 8671875	0.0	92.998626 70898438	30.757690 4296875	712.01409 91210938	1311.8859 86328125	705.33752 44140625	0.0	78.143074 03564453	25.879686 35559082	972.7	217.999	2375	2350	2378	2022-07- 24T18:47: 32	2022-07- 24T19:34: 46	47.4	20220724-28
6415	nw_sup_c hange																			969.6	217.315	0	2261	2291	2022-07- 24T19:34: 27	2022-07- 24T19:34: 27	47.4	
6414	nw_inf_ch ange																			969.2	217.504	0	2261	2291	2022-07- 24T19:34: 25	2022-07- 24T19:34: 25	47.7	
6413	reeling_ex change	507.34204 1015625	107.61890 41137695 3	19.600658 41674804 7	0.0	0.0	6.4056558 60900879	735.01055 90820312	1330.0175 78125	795.54925 53710938	0.0	89.204910 27832031	29.525022 50671386 7	679.40509 03320312	1259.5476 07421875	681.01501 46484375	0.0	75.055068 96972656	24.849220 27587890 6	975.0	217.819	2370	2344	2372	2022-07- 24T18:00: 26	2022-07- 24T18:47: 32	47.2	20220724-27
6412				18.757682 80029297		0.0				766.61254 8828125			•	646.86828 61328125				71.918960 57128906			220.428	2369	2348	2376	2022-07- 24T17:13: 21	2022-07- 24T18:00: 26	47.7	20220724-26
6411	reeling_ex change	464.67388 91601562 5	98.608322 14355469	17.905328 75061035	0.0	0.0	5.8577961 92169189 5	662.86871 33789062	1216.5239 2578125	737.14019 77539062	0.0	81.581298 828125	26.995521 54541015 6	614.62371 82617188	1155.4702 1484375	632.68499 75585938	0.0	68.903778 07617188	22.799819 94628906 2	952.4	212.157	2298	2269	2299	2022-07- 24T16:27: 39	2022-07- 24T17:13: 21	47.7	20220724-25
6410	nw_inf_ch ange																			948.4	210.381	0	364	367		2022-07- 24T17:12: 58	47.1	
6409	nw_sup_c hange																			948.0	209.939	0	364	367	2022-07- 24T17:12: 54	2022-07- 24T17:12: 54	47.8	
6408				17.074766 15905761 7		0.0	5.5914449 69177246	628.37341 30859375	1162.2545 16601562 5	709.16833 49609375	0.0	77.963195 80078125	25.813192 36755371	583.15216 06445312	1104.9841 30859375	609.23931 88476562	0.0	13720302			210.007	2289	2261	2291		2022-07- 24T16:27: 39	47.3	20220724-24
6407	reeling_ex change	423.07562 25585937 5	89.848869 32373047	16.344226 83715820 3	0.0	0.0	5.3377432 82318115	594.23931 88476562	1108.5128 17382812 5	681.51159 66796875	0.0			552.14196 77734375				62.914421 08154297	20.816389 08386230 5	263.0	9.7535	129	127	129	2022-07- 24T15:39: 35	2022-07- 24T15:42: 14	47.0	20220724-23
6406	reeling_ex change	421.79995 72753906	89.584526 06201172	16.293622 97058105 5	0.0	0.0	33563232	3125	19140625					550.13006 59179688				57958984	20.754121 78039550 8	973.5	218.154	2369	2343	2373		2022-07- 24T15:39: 35	47.1	20220724-22
6405	reeling_ex change	401.23953 24707031	85.244033 81347656	15.464659 69085693 4	0.0	0.0	5.0644907 95135498	557.01776 12304688	1049.9409 1796875	651.32659 91210938	0.0	70.439575 1953125	23.308795 92895507 8	518.07781 98242188	1000.5093 38378906 2	560.67291 25976562	0.0	59.630786 89575195	19.736551 28479004	973.5	217.183	2376	2346	2375	2022-07- 24T14:05: 26	2022-07- 24T14:52: 33	47.3	20220724-21
6404	nw_sup_c hange																			963.8	216.786	0	364	367		2022-07- 24T14:52: 20	47.6	
6403	nw_inf_ch ange																			962.6	216.772	0	2288	2319	12	24T14:52: 12	47.6	
6402	reeling_ex change	379.13549 8046875	80.590995 78857422	14.591656 68487548 8	0.0	0.0	97540283	19726562	994.44610 59570312	42773438	0.0			485.97338 8671875				47875976 6	18.734834 67102050 8		32.6162	375	364	367	35	24T14:05: 26	47.1	20220724-20
6401	change	371.68041 9921875	328125	8		0.0	4.6925873 75640869	513.12084 9609375	980.74584 9609375	615.55780 02929688	0.0			478.22705 078125				6			203.145	2118	2096	2124	22	24T13:21: 35	47.5	20220724-19
6400	reeling_ex change	352.33145 14160156	74.897407 53173828	2		0.0	98461914	953125	929.36169 43359375	99609375	0.0			453.19552 61230469			0.0	52.881851 19628906	17.526863 09814453	915.8	205.538	2119	2101	2128	12	24T12:39: 22	47.7	20220724-18
6399	reeling_ex change	333.93835 44921875	70.991661 07177734	12.866053 58123779 3	0.0	0.0	4.2142758 3694458	459.74560 546875	878.58282 47070312	551.43811 03515625	0.0	58.933658 59985351 6	19.509885 78796386 7	428.14730 83496094	838.25085 44921875	475.19036 86523437 5	0.0	49.962848 66333008	16.535375 59509277 3	951.1	223.256	2281	2251	2281	45	24T11:57: 12	47.1	20220724-17
6398	nw_sup_c hange																			947.1	221.27	0	2341	2369	49	24T11:56: 49	47.0	
6397	nw_sup_c hange																			947.1	221.27	0	2341	2369	2022-07- 24T11:56: 49	24T11:56:	47.0	
6396				12.014545 44067382 8		0.0	81954956	47949219	011/18/5			6	58654785	401.11367 79785156	55664062	72558594		94750976	15.485605 23986816 4	961.2	227.723	2319	2288	2319	24T10:25: 35		47.8	20220724-16
6395	reeling_ex change	290.97631 8359375	61.823566 43676758	11.212547 30224609 4	0.0	0.0	55529785	426/5/81	36/18/5			4	48083496	373.74133 30078125	66601562	00488281		43.659832 00073242	14.436289 78729248	964.8	223.013	2320	2299	2327	2022-07- 24T09:39: 30	2022-07- 24T10:25: 35	47.6	20220724-15
6394	reeling_ex	270.15368	57.389053	10.400263 78631591	0.0	0.0	3.4061717 98706054	371.84378 05175781	710.26202 39257812	445.74890 13671875	0.0	47.690002 44140625	15.764245 98693847	346.42388 91601562	678.08825 68359375	384.52572 63183594	0.0	40.489299 77416992	13.360917 09136962	273.4	11.8349	143	143	144	2022-07- 24T09:36:	2022-07- 24T09:39:	47.2	20220724-14

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6394	reeling_ex change	270.15368 65234375			0.0	0.0	7	05175781	39257812		0.0	47.690002 44140625	7	5	678.08825 68359375	384.52572 63183594	0.0	40.489299 77416992	9	273.4	11.8349	143	143	144	33	30	47.2	20220724-14
6393	reeling_ex change	267.82800 29296875	56.890087 12768555	, 10.308674 81231689 5	0.0	0.0	3.3794999 12261963	369.70538 33007812 5	706.18072 50976562	443.17953 49121094	0.0	47.389366 14990234 4	15.676455 4977417	344.70654 296875	674.77728 27148438	382.63629 15039062 5	0.0	40.299438 4765625	13.301228 52325439 5	962.6	227.579	2329	2302	2330		2022-07- 24T09:36: 33	47.3	20220724-13
6392	nw_inf_ch ange																			958.6	224.593	0	2343	2369		2022-07- 24T09:36: 10	47.5	
6391	nw_sup_c hange																			958.1	224.495	0	2343	2369	2022-07- 24T09:36: 09	2022-07- 24T09:36: 09	47.0	
6390	reeling_ex change	246.49502 56347656 2	52.347496 03271484 4	9.4888629 91333008	0.0	0.0			649.57910 15625	407.64758 30078125	0.0	43.655887 60375976 6	14.420329 09393310 5	317.25619 50683594	620.96826 171875	352.14523 31542969	0.0		12.226715 08789062 5	975.1	230.682	2369	2341	2369		2022-07- 24T08:50: 10	47.8	20220724-12
6389	reeling_ex		47.911926	8.6881132		0.0	2.8502080 44052124	310.20632 93457031	592.35125 73242188	371.73431 39648437	0.0	39.785373 68774414					0.0	33.822345 73364258	11.153466 22467041	975.4	230.78	2370	2347	2375	2022-07- 24T07:15:		47.2	20220724-11
6388	reeling_ex	203.52436 82861328	43.194446 5637207	7.8194775 58135986	0.0	0.0				335.92852 78320312 5	0.0	35.987495 42236328							10.047194 48089599	964.3	229.801	2346	2318	2344	2022-07- 24T06:29:	2022-07- 24T07:15:	47.1	20220724-10
6387	nw_sup_c hange						5			5			0					5	0	961.2	226.867	0	2343	2369	2022-07-	24T07:15:	47.7	
6386	nw_inf_ch ange																			959.5	227.314	0	2343	2371	24T07:15:	32 2022-07- 24T07:15:	47.5	
6385		181.81027 22167968	38.587371 82617187	6.9836082 45849609	0.0	0.0	2.2901885 50949096	250.21223	477.85571 2890625	299.84188	0.0	32.088459	10.588068 96209716	233.27891 54052734	456.53479 00390625	258.95123 29101562	0.0	27.309558 86840820	8.9666109 085083	974.7	229.688	2370	2343	2369	23 2022-07- 24T05:42:	24T06:29:	47.1	20220724-09
6384				6.1704974 17449951		0.0	,			263.85931 39648437 5	0.0	28.252218	9.3413534	205.27233	401.63330 078125	227.84550		3 24.008838 65356445	7.8793764 11437988	974.0	230.066	2370	2348	2373	01 2022-07- 24T04:54:	09 2022-07- 24T05:42:	47.3	20220724-08
6383				5.3192663 19274902		0.0	1 7416888	189 52978		227.20631		24.348915 10009765 6					0.0	20.767679	6.8184885		231.133	2381	2355	2384	53 2022-07- 24T04:07:	01 2022-07- 24T04:54:	47.0	20220724-07
6382	nw_inf_ch	6	8	19274902			47541809	515025	44042969	6		6	45080500	8	31640625	2		21447754	97869873	966.9	229.28	0	2345	2373	30 2022-07- 24T04:54:	53 2022-07- 24T04:54:	47.3	
6381	ange nw_sup_c																			966.5		0	2345	2373	27 2022-07-	27		
	reeling_ex change	116.75635	24.758739	4.4902372		0.0	1.4741163	159.33291	304.52999	191.06440 73486328	0.0	20.434099	6.7764072	148.84973	291.17214	165.23127	0.0	17.407480	5.7229247 09320068						24 2022-07-	24 2022-07-		20220724.06
6380						0.0						5	41021209	14403120	90302031	74030203		14.093459	4 6249985			2369	2343	2371	21 2022-07-	24T04:07: 30 2022-07-		20220724-06
6379	reeling_ex change					0.0				154.81451 41601562 5 118.68608		12.702926			235.95993 04199218 8 181.11152	102.81781		6 10.838217	3.5579473		231.873	2369	2347	2378	14 2022-07-			20220724-05
6378		63378906	91711425 8	2.7440295 21942138 7	0.0	0.0	06911468 5	15478516	32275390 6	118.68608 85620117 2	0.0	63574218 8	86529541	33203125	64892578	76879882 8	0.0	73529052 7	97232055 7	959.1	223.877	2297	2272	2299	24T01:47: 28 2022-07-	24T02:33: 14 2022-07-	47.2	20220724-04
6377	nw_sup_c hange																			950.7	221.639	0	2350	2378	24T02:32: 52	24T02:32: 52 2022-07-	47.2	
6376	nw_inf_ch ange		40 502442	4 0004750			0.0054040		422 47007				0.0704400		407.57000					950.2	221.546	0	2350	2378	24T02:32: 50	24T02:32: 50	47.8	
6375	onango	00000200	4	1.9201756 71577453 6		0.0	0.6251043 08128356 9				0.0	8.9626464 84375						04602051	2.5146903 99169922	912.1	231.339	2371	2345	2373	19	24T01:47: 28	47.0	20220724-03
6374	criarige	5	00002001	1.0927509 06944275		0.0	43	58129883	3461914		0.0	5.0613594 05517578						4.2667045 59326172		970.9	229.52	2369	2348	2377	24T00:13: 13	2022-07- 24T01:00: 19	47.8	20220724-02
6373	reeling_ex change	6.5223345 75653076	1.3780599 83253479	0.2558329 10537719 7	0.0	0.0	0.0815312 19184398 65	8.9368324 27978516	17.155635 83374023 4	10.741631 50787353 5	0.0	1.1296278 23829650 9	0.4009734 98821258 54	8.5245513 91601562	16.695613 86108398 4	9.4865779 87670898	0.0		0.3105257 15351104 74	933.5	213.784	2220	2201	2225	2022-07- 23T23:29: 01	2022-07- 24T00:13: 13	47.1	20220724-01
6372	nw_sup_c hange																			929.9	212.887	0	307	311	24T00:12:	2022-07- 24T00:12: 51	47.1	
6371	nw_inf_ch ange																			929.9	211.424	0	307	311	2022-07- 24T00:12: 50	2022-07- 24T00:12: 50	47.6	
6370	reeling_ex change	491.07000 73242187	104.61032 86743164	18.958566 66564941	0.0	0.0	6.2014918 32733154	661.94372 55859375	1272.7863 76953125	798.76281 73828125	0.0	85.187217 71240234	28.225725 17395019	619.41717 52929688	1212.4290 77148437	687.55242 91992188	0.0		23.875392 91381836	967.4	230.234	2369	2350	2378	2022-07- 23T22:41:	2022-07- 23T23:29:	47.3	20220723-25

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6370	reeling_ex change	5	104.61032 86743164		0.0	0.0	32733154	55859375	1272.7863 76953125	73828125	0.0	85.187217 71240234	5	619.41717 52929688	5	687.55242 91992188	0.0	09716797	23.875392 91381836	967.4	230.234	2369	2350	2378	52	01	47.3	20220723-25
6369	reeling_ex change	468.32101 44042969	99.743782 04345703	18.084238 05236816 4	0.0	0.0	5.9136590 9576416	631.46466 06445312	1214.2569 58007812 5	762.07269 28710938	0.0			591.21649 16992188			0.0	69.120048 52294922	22.806255 34057617 2	965.6	231.983	2369	2351	2378		2022-07- 23T22:41: 52	47.6	20220723-24
6368	reeling_ex change	445.85217 28515625	94.975975 0366211	17.236907 95898437 5	0.0	0.0	5.6288738 25073242	600.78894 04296875	1155.1661 37695312 5	725.06567 3828125	0.0	77.346015 93017578	25.608963 01269531 2	562.70672 60742188	1101.5153 80859375	624.56555 17578125	0.0	65.777359 00878906	21.684457 77893066 4	499.8	277.19	2851	2821	2860		2022-07- 23T21:54: 51	47.6	20220723-23
6367	nw_sup_c hange																			442.2	263.164	0	307	311		2022-07- 23T21:51: 59	47.3	
6366	nw_inf_ch ange																			440.0	262.575	0	2189	2220		2022-07- 23T21:51: 52	47.8	
6365	reeling_ex change	404.50234 98535156	86.191848 75488281	15.683176 99432373	0.0	0.0	5.1066651 34429932	555.36260 98632812	1067.9427 49023437 5	670.19738 76953125	0.0	71.474006 65283203	23.679075 24108886 7	520.26312 25585938	1018.3939 81933593 8	577.46252 44140625	0.0		20.052320 48034668	378.5	27.5758	308	307	311		2022-07- 23T16:51: 14	47.8	20220723-22
6364	reeling_ex change	398.35626 22070312 5	84.883422 8515625	15.451373 10028076 2	0.0	0.0	5.0228042		1056.2304	662.85205 078125		70.704811 0961914	23.421705 24597168	514.71765 13671875	1007.5845 94726562 5	571.33618 1640625	0.0	60.163330 078125	19.830526 35192871	820.7	162.667	1692	1673	1695		2022-07- 23T16:17: 36	4.6	20220723-21
6363				14.839686 39373779 3		0.0	4.8191409 11102295	526.90863 03710938	1013.1557 6171875	635.75903 3203125	0.0			493.81066 89453125				57.779197 69287109 4	19.041177 74963379	963.4	226.79	2369	2350	2378	2022-07- 23T14:30: 15	2022-07- 23T15:17: 22	47.7	20220723-20
6362		200 00004	70 000447	14.019822 12066650 4		0.0	4.5527133 94165039	496.84368 89648437 5	955.28839 11132812	599.41918 9453125	0.0			465.42105 10253906				54.440223 69384765 6	17.939781 18896484 4	955.5	222.14	2305	2272	2304	2022-07- 23T13:44: 23	2022-07- 23T14:30: 15	47.7	20220723-19
6361	nw_sup_c hange																			952.4	221.074	0	2189	2220		2022-07- 23T14:29: 58	47.7	
6360	nw_inf_ch ange																			951.1	220.65	0	1793	1815		2022-07- 23T14:29: 51	47.1	
6359	reeling_ex change	339.35321 04492187 5	72.283660 88867188	13.205351 82952880 9	0.0	0.0	4.2791128 15856934	467.71926 87988281	899.19866 94335938	564.18249 51171875	0.0	60.143585 20507812 5	19.943262 10021972 7	438.02041 62597656	857.23333 74023438	486.13037 109375	0.0	51.223659 51538086	16.881835 9375	940.3	214.965	2219	2189	2220	2022-07- 23T13:00: 21	2022-07- 23T13:44: 23	47.7	20220723-18
6358	reeling_ex	319.73214	68.096130	12.453745 84197998	0.0	0.0	4.0359487 53356934	439.91839 59960937 5	845.69842 52929688	530.56921 38671875	0.0			411.30667 11425781			0.0	48.125663 75732422	15.878161 43035888 7	476.3	48.1811	524	513	519		2022-07- 23T13:00: 21	47.4	20220723-17
6357	reeling_ex change	309.54653 93066406	65.931304 93164062	12.058906 55517578 1	0.0	0.0				517.64508 05664062	0.0	55.177421 56982422	18.312690 73486328	401.45050 04882812 5	785.61328 125	445.58236 69433594	0.0		15.488276 48162841 8	909.1	200.388	2068	2052	2076		2022-07- 23T12:07: 11	47.9	20220723-16
6356	reeling ex		61.953266	11.341632		0.0				486.05419 921875		51.808479	17.198520	376.60494 99511719	736.90740	418.00891		44.014797 21069336	14.536371	384.9	29.9157	324	324	326	2022-07-		46.8	20220723-15
6355	nw_sup_c hange						_													374.3	27.5973	0	2474	2504	2022-07- 23T11:25: 37		47.3	
6354	nw_inf_ch ange																			373.4	27.5225	0	2474	2504		2022-07- 23T11:25: 35	47.0	
6353	reeling_ex change	283.53918 45703125	60.406600 95214844	11.055850 0289917	0.0	0.0	3.5775110 72158813	396.12442 01660156	761.41186 5234375	477.64480 59082031	0.0	50.921184 53979492	16.899822 23510742	370.11712 64648437 5	724.17193 60351562	410.80776 97753906	0.0		14.269558 90655517 6	855.9	177.243	1817	1793	1815	2022-07-	2022-07- 23T10:47: 08	4.7	20220723-14
6352	reeling_ex change	266.47274 78027344	56.783607 48291015 6	10.398665 42816162 1	0.0	0.0	3.3644359	372.67715		449.36877	1.0			348.24395 75195312 5				40.714248 65722656	13.440812	974.0	231.228	2370	2343	2369	2022-07-	2022-07- 23T09:43: 36	47.6	20220723-13
6351	reeling ex	244.73893	52.141777	9.5431156 15844727		0.0	3.0849537 84942627	343.18109 13085937 5	659.56103 515625	413.71081 54296875	1.0			320.25137 32910156				37.424907 68432617	Ü	975.4	228.596	2370	2348	2375	2022-07-		47.2	20220723-12
6350	reeling_ex change	222.77030 94482422	47.479721 06933594	8.6880693 43566895	0.0	0.0	2.8151445	040 05070		077 5 4007				292.27047 72949219				34.134540 55786133	11.278407 09686279 3	1053.9	269.189	2753	2723	2753	2022-07-	2022-07- 23T08:09: 19	47.4	20220723-11
6349	nw_sup_c hange						3						•						5	1046.7	266.341	0	2341	2370	2022-07-	2022-07- 23T08:08: 56	47.3	
6348	nw_inf_ch ange																			1046.3	266.387	0	2341	2370	2022-07- 23T08:08:	2022-07- 23T08:08: 54	47.3	
6347		198.15376 28173828	42.238521 57592773	7.7149519 92034912	0.0	0.0	2.5094754 69589233	278.55261 23046875	535.24865 72265625	335.72726 44042969	1.0	35.796577 45361328	11.887752 53295898	259.98449 70703125	508.21249 38964844	288.57690 4296875	0.0		10.030418 39599609 4		240.542	2500	2474	2504	2022-07-	2022-07- 23T07:14: 32	47.4	20220723-10
6346	reeling_ex	175.90673	37.483085	6.8526124 95422363	0.0	0.0	2.2269389 62936401	247.09860 22949218	474.73245 23925781	297.77856 4453125	1.0	31.722555	10.535471	230.63627 62451172	450.67117	255.97291		26.909286	8.8915939 33105469	846.1	170.48	1787	1771	1794		2022-07- 23T06:24:	47.7	20220723-09

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6346	cnange	175.90673 828125	63232422	95422363		0.0	4	8	474.73245 23925781	297.77856 4453125	0.0	31.722555 16052246	91619873	62451172	30957031	6	0.0	8	8.8915939 33105469	846.1	170.48	1787	1771	1794	15	52	47.7	20220723-09
6345	reeling_ex change	159.99009 70458984 4	34.093746 18530273 4	6.2186298 37036133	0.0	0.0	2.0174267 29202270 5	224.72261 04736328	431.56539 91699219	270.71835 32714844	0.0	28.830938 3392334	9.5583963 39416504	209.47215 27099609 4	409.31317 13867187 5	232.53330 99365234 4	0.0	24.485090 25573730 5	8.0771799 08752441	977.1	229.486	2383	2353	2381	2022-07- 23T05:01: 50	2022-07- 23T05:49: 15	47.6	20220723-08
6344	nw_sup_c hange																			973.6	228.303	0	2341	2370	2022-07- 23T05:48: 56	2022-07- 23T05:48: 56	47.2	
6343	nw_inf_ch ange																			972.7	228.178	0	2339	2370		2022-07- 23T05:48: 51	47.2	
6342	reeling_ex change	138.46791 07666015 6	29.490749 35913086	5.3804860 11505127	0.0	0.0	1.7458798 88534546	194.84753 41796875	374.29949 95117187 5	234.77851 86767578	0.0	24.991348 26660156 2	8.3044366 83654785	181.21292 11425781 2	354.00830 078125	201.16194 15283203	0.0	21.172552 10876465	6.9884557 72399902	975.8	229.254	2370	2341	2370		2022-07- 23T05:01: 50	47.7	20220723-07
6341	reeling_ex change	117.25692 74902343 8	24.967075 34790039	4.5510354 04205322	0.0	0.0				198.55834 9609375		21.147899 62768554 7						17.931089 40124511 7	5.8964061 73706055	978.0	228.764	2370	2348	2377	2022-07- 23T03:27: 33		47.6	20220723-06
6340		95.236976 62353516				0.0				162.29328 91845703		17.298835 75439453							4.8268046 37908935 5		229.084	2349	2321	2348	2022-07- 23T02:40:		47.8	20220723-05
6339	nw_sup_c hange													-						967.4	225.158	0	2291	2321	2022-07- 23T03:27:		47.4	
6338	nw_inf_ch ange																			966.9	225.334	0	2291	2321	2022-07-	2022-07- 23T03:27: 08	47.7	
6337	reeling_ex change	73.652290 34423828	15.651597 02301025	2.8314771 65222168	0.0	0.0	99401855			126.10649 10888671 9	0.0	13.440475 46386718 8	4.4492039 68048096	97.213127 13623047	189.73220 82519531	107.86925 50659179	0.0		3.7488062 38174438 5	982.1	227.672	2369	2339	2370	2022-07- 23T01:53:		47.7	20220723-04
6336		52.846557 6171875				0.0	0.6658104 06208038 3				0.0	9.5855054 85534668						0.4000044	2.6673402 78625488 3	972.7	228.666	2370	2342	2372	2022-07- 23T01:06:		47.7	20220723-03
6335		31.197044				0.0	0.3895108 99782180 8											4.8044528 96118164	1.5827052		217.345	2207	2174	2207	2022-07-		47.2	20220723-02
6334	nw_sup_c hange	7		3			0			+			2	3						931.7	216.401	0	2369	2397	2022-07- 23T01:06:	2022-07- 23T01:06: 21	47.3	
6333	nw_inf_ch ange																			931.2	216.301	0	2369	2397	2022-07- 23T01:06:		47.7	
6332		10.861083 984375	2.3145689 96429443 4	0.4195848 70338439 94	0.0	0.0		60754394	29.419912 33825683 6	18.467586 51733398 4	0.0	1.9238774 77645874	0.6549655 19905090 3	14.510457 99255371 1	28.302450 18005371	16.081203 46069336	0.0		0.5586003 06510925 3	959.9	227.024	2319	2291	2321	2022-07-		47.2	20220723-01
6331		510.78698 73046875				0.0	6.5673608 77990723	906.46594 23828125	1286.1275 63476562 5	673.69763 18359375	0.0	89.329307 55615234	29.600980 75866699 2	818.30895 99609375	1192.0552 97851562 5	562.98699 95117188	0.0	73.381660 46142578	24.210411 07177734 4	959.0	221.642	2319	2295	2326	2022-07- 22T22:50: 54	2022-07- 22T23:36: 49	47.0	20220722-28
6330		489.35183 71582031				0.0				638.38116 45507812					1138.8604 73632812 5			70.157943 72558594	23.153203 9642334	327.9	19.8483	227	226	229		2022-07- 22T22:50: 54	47.2	20220722-27
6329	reeling_ex change	487.28045 65429687 5	116.67269 89746093 8	19.018459 32006836	0.0	0.0	6.2669978 14178467	873.79522 70507812	1223.8424 07226562 5	634.61145 01953125	0.0				1132.9094 23828125			69.841270 44677734	23.028516 76940918	941.0	212.124	2224	2197	2224		2022-07- 22T22:46: 19	47.1	20220722-26
6328	nw_sup_c hange																			932.1	210.455	0	2369	2397	22T22:46:	2022-07- 22T22:46: 04	47.5	
6327	nw_inf_ch ange																			931.2	210.13	0	358	395	2022-07- 22T22:45:		47.2	
6326	reeling_ex change	467.41299 43847656	112.44116 97387695 3	18.249187 46948242 2	0.0	0.0	6.0157918 93005371	845.29187 01171875	1169.5396 72851562 5	600.51849 36523438	0.0	81.520568 84765625	27.039186 47766113 3	761.52862 54882812	1081.4024 65820312 5	500.00869 75097656	0.0	66.737358 09326172	21.993032 45544433 6	967.8	230.494	2400	2369	2397	2022-07- 22T21:14:	2022-07- 22T22:02: 05	47.6	20220722-25
6325		445.15774 53613281				0.0				563.01971 43554688		77.531700 13427734							20.914949 41711425 8	967.4	232.195	2399	2370	2401	2022-07- 22T20:26:		47.4	20220722-24
6324		422.49066 16210937 5				0.0	5.4556570	782.65643		525.55548		73.525222 77832031						60.056636 81030273	19.797643 66149902 3		181.747	1885	1858	1885	2022-07- 22T19:49:	2022-07- 22T20:26: 59	47.4	20220722-23
6323	nw_inf_ch ange																			847.5	179.886	0	2169	2201	2022-07- 22T20:26:		47.0	
6322	nw_sup_c hange																			847.1	179.593	0	2169	2201	0000 07	2022-07- 22T20:26:	47.5	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6322	nw_sup_c hange																			847.1	179.593	0	2169	2201	32	32	47.5	
6321	reeling_ex change	405.38531 49414062 5	99.189750 67138672	15.873657 2265625	0.0	0.0	5.2422289 84832764	758.20666 50390625	1003.2259 52148437 5	496.09677 12402344	0.0	70.379341 12548828	23.327362 06054687 5	681.95538 33007812	926.19226 07421875	411.68692 01660156	0.0	57.452194 21386719	18.934141 15905761 7	439.5	36.4311	395	358	395	2022-07- 22T19:23: 08	2022-07- 22T19:49: 42	47.5	20220722-22
6318	reeling_ex change	374.58850 09765625	92.595230 10253906	14.686409 95025634 8	0.0	0.0	4.8483428 95507812 5	719.42346 19140625	928.17163 0859375	448.95870 97167969	0.0	23388672	41021209	80132812	855.56970 21484375	40234375		53.199836 73095703	17.528041 83959961	968.3	235.781	2399	2368	2398	2022-07- 22T17:47: 03	2022-07- 22T18:35: 05	46.6	20220722-21
6317	reeling_ex change	351.90356 4453125	87.767768 85986328	13.820421 21887207	0.0	0.0	4.5672802 92510986	688.28082 27539062	867.88861 08398438	411.10720 82519531	0.0	61.319644 92797851 6	20.311355 59082031 2	616.54974 36523438	798.45526 12304688	339.07876 58691406	0.0	49.778881 07299805	16.412422 18017578	926.0	215.111	2202	2164	2196	2022-07- 22T17:02: 55	2022-07- 22T17:47: 03	47.2	20220722-20
6316	nw_sup_c hange																			922.4	213.33	0	2169	2201		2022-07- 22T17:46: 41	47.1	
6315	nw_inf_ch ange																			921.6	213.243	0	2396	2393	2022-07- 22T17:46: 36	2022-07- 22T17:46: 36	46.6	
6314	reeling_ex change	331.77453 61328125	83.478263 85498047	13.048151 01623535 2	0.0	0.0	4.3141036 03363037	659.79534 91210938	812.72906 49414062	376.48123 16894531	0.0	57.613063 81225586	19.108253 47900390 6	589.80950 92773438	746.18066 40625	309.38119 50683594	0.0	46.675216 67480469	15.361335 75439453 1	932.7	218.718	2208	2169	2201	2022-07- 22T16:18: 40	2022-07- 22T17:02: 55	46.7	20220722-19
6313	reeling_ex change	311.76864 62402344	79.246826 171875	12.278323 17352295	0.0	0.0	4.0631732 94067383	631.20959 47265625	757.38739 01367188	341.75067 13867187 5	0.0	53.940795 8984375	17.888872 14660644 5	562.93847 65625	693.70465 08789062	279.57101 44042969	0.0	43.508441 92504883	14.348664 28375244 1	929.0	218.718	2209	2173	2205	2022-07- 22T15:34: 32	2022-07- 22T16:18: 40	47.3	20220722-18
6312	reeling_ex change	291.08505 24902344	74.849769 59228516	11.485342 02575683 6	0.0	0.0	3.7976720	602.84759		307.31204		50.248016 35742187 5	16.660724 63989257 8	536.53515 625	642.13342 28515625	250.27082 82470703	0.0	40.402980 80444336	13.318731 30798339 8	480.2	49.6633	532	529	536		2022-07- 22T15:34: 32	46.8	20220722-17
6311	reeling_ex change	278.73071 2890625	72.207420 3491211	11.023873 32916259 8	0.0	0.0	3.6489572 52502441 4	589.98443 60351562	678.59722 90039062	292.62036 1328125	0.0	48.653228 75976562 5	16.132778 16772461	524.93518 06640625	620.13153 07617188	237.97409 05761718 8	0.0	39.131774 90234375	12.884477 61535644 5	966.8	229.391	2298	2294	2292	2022-07- 22T13:46: 29	2022-07- 22T14:31: 34	47.7	20220722-16
6310	nw_sup_c hange																			988.9	228.677	0	2396	2393	2022-07- 22T14:31: 40	2022-07- 22T14:31: 40	47.9	
6309	nw_inf_ch ange																			984.5	230.059	0	2396	2393	2022-07- 22T14:31: 38	2022-07- 22T14:31: 38	47.7	
6308	reeling_ex change	257.66577 1484375	66.768356 32324219	10.215377 80761718 8	0.0	0.0	3.3705847 26333618	540.89123 53515625	622.10516 35742188	268.22817 99316406	0.0	44.576217 65136719	14.784463 88244628 9	480.85946 65527344	569.01440 4296875	217.99253 84521484 4	0.0		11.805521 96502685 5	988.5	238.67	2400	2396	2393		2022-07- 22T13:46: 29	47.9	20220722-15
6307	reeling_ex change	236.49482 72705078	61.287063 59863281	9.4099245 07141113	0.0	0.0	3.0956690 31143188 5	490.67471 31347656	564.31848 14453125	243.28823 85253906 2	0.0				516.23675 53710938		0.0	32.451763 15307617	10.676296 23413086	991.9	236.849	2401	2400	2395	2022-07- 22T12:12: 21	2022-07- 22T12:59: 24	47.7	20220722-14
6306	reeling_ex change	215.65084 83886718 8	55.897087 09716797	8.6076946 25854492	0.0	0.0	2.8204152 58407592 8	440.12124 63378906	506.11953 73535156	218.16056 82373047	0.0	36.300899 50561523 4	12.045742 98858642 6	389.34228 515625	462.73226 92871094	176.51390 07568359 4	0.0	29.015724 18212890 6	9.5505952 835083	934.3	-0.152066	2158	2155	2153	2022-07- 22T11:30	2022-07- 22T12:12: 21	47.7	20220722-13
6305	nw_sup_c hange																			930.8	0.0	0	2235	2233	2022-07- 22T12:11: 59	2022-07- 22T12:11: 59	47.8	
6304	nw_inf_ch ange																			930.4	-0.15078	0	2235	2233		2022-07- 22T12:11: 58	48.3	
6303	reeling_ex change	196.09542 84667968 8	50.847282 40966797	7.8434190 75012207	0.0	0.0	2.5680387 02011108 4	394.32373 046875	453.35900 87890625	195.40876 77001953	0.0	32.498069 76318359 4	10.787991 52374267 6	348.71127 31933594	415.59042 35839844	158.11170 95947265 6	0.0	25.956394 19555664	8.5781478 88183594	995.7	237.781	2400	2396	2393	2022-07- 22T10:43: 03	2022-07- 22T11:30	47.9	20220722-12
6302	reeling_ex change	175.24855 04150390 6	45.437351 22680664	7.0467295 64666748	0.0	0.0	2.2904703 61709594 7	343.77648 92578125	395.16366 57714844	170.30383 30078125	0.0	78173828	87280273	98730469	31404044	5	0.0		7.4291391 37268066	277.4	12.2769	149	148	148	2022-07- 22T10:39: 59	2022-07- 22T10:43: 03	47.8	20220722-11
6301	reeling_ex change	173.64945 98388672	45.036403 65600586	6.9856724 73907471	0.0	0.0	2.2731659 41238403	340.04034	390.86676 02539062			28.039665 22216797	9.2918300 62866211	299.66363 52539062 5	358.68389 89257812 5	135.89591 97998047	0.0	34265136	7.3688154 22058105 5		235.367	2401	2400	2398	2022-07- 22T09:52: 57	2022-07- 22T10:39: 59	48.0	20220722-10
6300	reeling_ex change	152.83877 56347656 2	39.632968 90258789	6.1858811 378479	0.0	0.0	1.9982205 62934875 5	289.13192 74902344	332.28637 6953125	143.18252 56347656 2	0.0	23.850879	7.9220128		305.96994		0.0	18.968645 09582519 5	6.2546238 89923096	926.2	203.475	2085	2083	2080		2022-07- 22T09:52: 57	48.2	20220722-09
6299	nw_sup_c hange																			916.2	202.022	0	2235	2233		2022-07- 22T09:52: 36	48.0	
6298	nw_inf_ch ange																			915.0	202.471	0	122	121		2022-07- 22T09:52: 30	48.2	
6297	reeling_ex change	135.59866 33300781 2	35.172092 43774414	5.5281195 64056396 5	0.0	0.0	1.7679040 43197631 8	245.22656 25	281.76547 24121094	121.40319 06127929 7	0.0	20.205991 74499511 7	6.7017126 08337402	214.88752 74658203	260.03225 70800781	97.485115 05126953	0.0	16.009370 80383300 8	5.2660055 16052246	954.7	216.753	2240	2235	2233	2022-07- 22T08:28: 06	2022-07- 22T09:12: 02	48.2	20220722-08
6296		116.24853 515625			0.0	0.0	4 5400550	400 00404	007.05057			16.304103 85131836	5.4206919 67010498	173.71591 18652343	209.37237 54882812	78.799415 5883789	0.0		4.2551631 92749023		216.24	2240	2236	2233	2022-07- 22T07:44:	2022-07- 22T08:28:	47.6	20220722-07

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr 0	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6296	reeling_ex change	116.24853 515625	4	4.7731947 89886475	0.0	0.0		4		98.047859 19189453		16.304103 85131836	5.4206919 67010498	8	5	78.799415 5883789	0.0	3	4.2551631 92749023	959.5	216.24	2240	2236	2233	17	06	47.6	20220722-07
6295	reeling_ex change	97.071212 76855469	25.143558 50219726 6	4.0219821 92993164	0.0	0.0	7	2	6			12.437004 08935546 9	4.1499981 88018799	132.90777 58789062 5	158.83343 50585937 5	60.326553 34472656	0.0	9.9154243 46923828	3.2503764 62936401 4	278.4	12.2397	149	150	150	2022-07- 22T07:41: 21	2022-07- 22T07:44: 17	47.6	20220722-06
6294	reeling_ex change	95.279151 9165039	24.679798 12622070 3	3.9590454 1015625	0.0	0.0	1.2429174 18479919 4	148.09405 51757812 5	169.89675 90332031 2	73.152854 9194336	0.0	3	51/2/295	15132422	06982422	59.152275 08544922			3.1911857 12814331	427.2	34.5886	376	378	377	2022-07- 22T07:33: 53	2022-07- 22T07:41: 21	48.2	20220722-05
6293		91.831520 0805664				0.0	1.2002112 86544799 8	139.95240 78369140 6	160.51945 49560547	69.121063 23242188	0.0	11.468482 01751709	3.8258671 76055908	123.28075 40893554 7	146.84536 74316406 2	55.951038 3605957	0.0	9.1992559 4329834	3.0136134 6244812	927.2	200.793	2084	2082	2077	2022-07- 22T06:53: 07	2022-07- 22T07:33: 53	48.4	20220722-04
6292	nw_sup_c hange																			919.3	198.499	0	2439	2396	2022-07- 22T07:33:	2022-07- 22T07:33: 29	47.5	
6291	nw_inf_ch ange																			918.5	198.109	0	2439	2396	2022-07- 22T07:33: 25		48.3	
6290	reeling_ex change	73.832878 11279297	19.124122 61962890	3.0984716 41540527	0.0	0.0	0.9617183 80451202	96.571418 76220703	110.54946 89941406 2	47.587696 07543945	0.0	7.9026451 11083984	2.6433646 67892456	85.202339 17236328	100.05862 42675781	38.671844 48242187	0.0	6.3814888 00048828	2.0886781 21566772	260.3	9.52747	122	122	121	2022-07-		48.4	20220722-03
6289		72.685897 82714844				0.0				46.248275 75683594	0.0	7.6579723 3581543				37.479362 48779297	0.0	6.1830682 7545166	2.0284903 04946899	960.3	219.341	2251	2252	2246	2022-07- 22T06:06: 35		47.6	20220722-02
6288	reeling_ex change	53.308929 44335937 5	13.800559 04388427	2.2924122 81036377	0.0	0.0	0.6895734	45.975276 94702148	52.796409				1.2737005 94902038	40.723087 31079101		18.499656 67724609		3.0678966 04537964	0.9961655 13992309	421.0	34.7451	380	384	380	2022-07-		47.6	20220722-01
6287	state_wor	51.034454 34570312	13.200177 19268798	2.1978893		0.0	0.6641373 03829193	•		19.016126 63269043	0.0	3.1212892 53234863 3		-		15.395099 63989257	0.0	00576782	0.8135632 27653503 4	267.5	- 0.0072174	0	0	0	2022-07- 22T05:58:		9.9	
6286	state_start	49.153240 20385742			0.0	0.0				18.421056 74743652 3		3 0597238	1 0211232			14.932837 48626709			0.7832237	245.9	- 0.0053594	0	0	0	2022-07-		4.8	
6285	state_stop	49 153240				0.0				18.421056 74743652 3			1 0211232				0.0		0.7832237	244.0	- 0.0053594	0	0	0	2022-07- 22T05:44: 32	2022-07- 22T05:44:	0.0	
6284	state_start	49 153240				0.0				18.421056 74743652 3		3 0597238	1 0211232				0.0		0.7832237	244.0	- 0.0052165	0	0	0	2022-07-	22T05:44:	0.0	
6283	state_stop	49.153240 20385742				0.0				18.421056 74743652 3		3.0597238 54064941 4					0.0		0.7832237 48207092 3	244.0	- 0.0052165	0	0	0	2022-07- 22T05:43:	22T05:43:	0.0	
6282		49.153240 20385742				0.0				18.421056 74743652 3		3 0597238	1 0211232						0.7832237		- 0.0036444	0	0	0	2022-07- 22T05:38:	22T05:38:	0.0	
6281	state_stop	48 208381				0.0	0.6217822	20.402070	41.546257 01904297	47.000004	0.0	2.9365930 55725097					0.0	2.4101951 12228393	0.7832237 48207092	218.8	- 0.0036444	0	0	0	2022-07- 22T05:30:	22T05:30:	0.0	
6280	state_stop	26.575733 18481445 3				0.0	0.3523062	33.448448	38.740142 82226562		0.0	2 7549245	0 9096914					5.3185915	3 1.7487052 67906189	218.4	- 0.0036444	0	0	0		18 2022-07- 21T12:09:	0.0	
6279		26.575733 18481445 3				0.0	16955184	18115234		78417968	0.0	2.7549245 35751342 8					0.0	5.3185915	1.7487052 67906189	218.4	- 0.0036444	0	0	0	21T12:08:	04 2022-07- 21T12:08:	0.0	
6278		26.575733 18481445 3				0.0	0.3523062	33.448448	38.740142 82226562	8 16.663253 78417968	0.0	2 7549245	0 9096914					5.3185915	1.7487052 67906189	249.4	- 0.0036444	0	0	0	59 2022-07- 21T12:08:	21T12:08:	0.0	
6277		3 26.575733 18481445 3				0.0	0.3523062 16955184	32.905963 89770508	5 38.129779 81567383	8 16.400548 93493652	0.0	8 2.6940464 97344970 7					0.0	5.2536811	1.7487052 67906189		- 0.0036444	0	0	0		21T12:08:	0.0	
6276		3 614.78619 38476562				0.0	7.4081473	1254.2839	1412.1230 46875	655.19329	0.0	7 103.80066 68090820 3							27.115224	220.9		0	0	0		20T18:54:	1.7	
6275	reeling_ex	611.32147 21679688	96.414329	5 21.888648 98681640	0.0	0.0	7.3655509	1251.7668		653.94116	0.0	3 103.56546 78344726 6						81.822647	6 27.050462 72277832	950.9	222.837	2236	2293	2242		20T18:43:	27.8	20220720-27
6274	reeling_ex	590.47412 109375	91.017234	21.046779	0.0	0.0	7.0924396	1203.5864		629.94433	0.0	99.628723 14453125						03472000	26.019033 43200683		225.805	2301	2336	2295	20T17:28:	50 2022-07- 20T18:06:	56.6	20220720-26
6273	nw_sup_c	109373	3022401	33230030			31409200	2010120	33070123	03010		14400120	6	5	5	370123		33222000	6	952.5	225.307	0	2444	2396	22 2022-07- 20T18:06:	22 2022-07- 20T18:06:		
6272	nw_inf_ch ange																			951.6	224.342		2444	2396	16	16 2022-07- 20T18:06:		
	J.190																								_51.10.00.	_00.00.		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6272	nw_inf_ch ange																			951.6	224.342	0	2444	2396	12	12	57.0	
6271	reeling_ex change	568.93585 20507812	85.428352 35595703	20.184267 04406738 3	0.0	0.0	6.8067903 51867676	1155.0870 36132812 5	1297.7911 37695312 5	605.83618 1640625	0.0	95.573028 56445312	31.683181 76269531 2	1016.1988 52539062 5	1153.9418 9453125	485.05648 80371094		007 10000	U		233.185	2404	2439	2396	2022-07- 20T16:48: 42	2022-07- 20T17:28: 22	57.2	20220720-25
6270	reeling_ex change	546.10894 77539062	79.524749 75585938	19.279504 77600097 7	0.0	0.0			1238.8939 20898437 5			91.347038 26904297	30.286682 12890625	971.78186 03515625	1102.3308 10546875	464.97341 91894531	0.0	72.183212 28027344	23.871938 70544433 6	977.6	236.59	2404	2456	2405	2022-07- 20T16:09	2022-07- 20T16:48: 42	57.1	20220720-24
6269	reeling_ex change	524.19329 83398438	73.835487 36572266	18.390563 96484375	0.0	0.0	6.2175517 08221435 5	1053.4639 89257812 5	1180.7299 8046875	555.27832 03125	0.0	87.182777 40478516	28.875349 04479980 5	926.75836 18164062	1050.0712 890625	444.62979 12597656	0.0	68.851974 48730469	22.749776 84020996	952.0	224.408	2292	2332	2286	2022-07- 20T15:31: 12	2022-07- 20T16:09	57.2	20220720-23
6268	nw_sup_c hange																			950.8	224.796	0	2444	2396		2022-07- 20T16:08: 54	56.8	
6267	nw_inf_ch ange																			949.9	224.296	0	2244	2255	2022-07- 20T16:08: 49	2022-07- 20T16:08: 49	57.0	
6266	reeling_ex change	502.39114 37988281	68.173095 703125	17.504371 64306640 6	0.0	0.0	5.9408226 01318359	1004.8181 15234375	1124.6622 31445312 5	531.06512 45117188	0.0	83.117057 80029297	27.548130 03540039	884.03118 89648438	1000.4539 79492187 5	425.34271 24023437 5	0.0		21.725194 93103027 3	980.7	233.835	2404	2444	2396	20T14:51:	2022-07- 20T15:31: 12	56.7	20220720-22
6265	reeling_ex change	479.89697 265625	62.340736 38916015 6	16.604089 73693847 7	0.0	0.0	5.6441259 38415527	954.04382 32421875	1066.1677 24609375	505.82678 22265625	0.0	78.934005 73730469	26.176681 51855468 8	838.50933 83789062	947.61364 74609375	404.76907 34863281	0.0	62.309589 38598633	20.609626 77001953	978.9	240.66	2404	2446	2410		2022-07- 20T14:51: 31	57.3	20220720-21
6264	reeling ev		56 514961	15.723538		0.0	5.3519668 57910156	902.75958 25195312	1007.0974 12109375	480.29782 10449219	0.0	74.684860 22949219	24.756813 04931640 6	793.23736 57226562	895.08093 26171875	384.31307 98339844	0.0	58.899463 65356445	19.492721 55761718 8	948.0	220.425	2231	2237	2248	2022-07- 20T13:35	2022-07- 20T14:11: 53	56.6	20220720-20
6263	nw_sup_c hange																			942.8	219.012	0	2244	2255	2022-07- 20T14:11: 42	2022-07- 20T14:11: 42	57.1	
6262	nw_inf_ch ange																			941.5	218.512	0	2118	2106		2022-07- 20T14:11: 37	56.6	
6261	reeling_ex change	436.43182 37304687 5	10055070	14.885698 31848144 5	0.0	0.0	5.0740098 95324707	855.57879 63867188	952.75109 86328125	456.81536 86523437 5	0.0	70.785430 90820312	23.470991 13464355 5	751.46801 7578125	846.57708 74023438	365.41790 77148437 5	0.0		18.468814 84985351 6	952.4	223.276	2240	2244	2255	2022-07- 20T12:58: 02	2022-07- 20T13:35	57.1	20220720-19
6260				14.077786 44561767 6	0.0	0.0	4.8076782	807.54443	897.39575 1953125	432.93801		66.809753 41796875	22.162364 95971679 7	708.81164 55078125	796.90557 86132812	346.13003 54003906	0.0	52.668876 64794922	17.422039 03198242 2	951.6	223.986	2239	2244	2254	20T12:21:	2022-07- 20T12:58: 02	56.9	20220720-18
6259	reeling_ex change	395.46380 61523437 5	40.368843 07861328	13.268223 76251220 7	0.0	0.0	4.5402436 25640869	759.68707 27539062	842.24072 265625	409.11581 42089844	0.0	62.805721 28295898 4	20.826236 72485351 6	666.37536 62109375	746.92132 56835938	326.93426 51367187 5	0.0	49.558120 72753906	16.387586 59362793	451.9	44.0149	477	481	483		2022-07- 20T12:21: 11	57.3	20220720-17
6258	rooling ov		38 338345	12.958333		0.0	4.4339103 69873047	747.20819 09179688	827.84307 86132812	402.91278 07617187 5	0.0	61.790931 70166015 6	20.493728 63769531 2	655.98278 80859375	734.63171 38671875	322.22106 93359375	0.0	48.736267 08984375	16.114995 9564209	937.1	212.527	2150	2145	2133		2022-07- 20T11:57: 33	56.9	20220720-16
6257	nw_sup_c hange																			176.0	213.734	0	2118	2106		2022-07- 20T11:57: 43	56.6	
6256	nw_inf_ch ange																			955.2	213.13	0	2328	2328		2022-07- 20T11:57: 37	57.3	
6255	reeling_ex change	367.76809 69238281	33.178466 796875	12.160808 56323242 2	0.0	0.0	4.1756334 30480957	701.03894 04296875	774.63525 390625	379.93505 859375	0.0	57.960994 72045898 4	19.229232 78808593 8	614.79205 32226562	686.69787 59765625	303.61337 28027344	0.0	45.695354 46166992	15.116233 82568359 4	938.5	208.503	2124	2118	2106	2022-07- 20T10:47	2022-07- 20T11:22: 02	56.7	20220720-15
6254	reeling_ex change	348.18722 53417969	28.093675 61340332	11.379647 25494384 8	0.0	0.0	3.9141604 90036010 7	655.95843 50585938	722.68524 16992188	357.53042 60253906	0.0			574.63024 90234375				74780273	14.122014 99938964 8	936.6	209.961	2123	2121	2114	2022-07- 20T10:12: 03	2022-07- 20T10:47	57.2	20220720-14
6253	reeling_ex change	327.83026 12304687 5	22.810018 53942871	10.575376 51062011 7	0.0	0.0	3.6486663 81835937 5	610.57147 21679688	670.33447 265625	334.95404 05273437 5	0.0			534.87365 72265625			0.0	39.770919 79980469	13.137438 77410888 7	599.1	73.4566	775	785	793		2022-07- 20T10:12: 03	57.2	20220720-13
6252	reeling_ex	301.44140	16.581726	0.5720000	0.0	0.0	3.3107933	573.69671	627.95996 09375	316.43429	0.0	47.475616 45507812 5	15.721582 41271972 7	502.62271 11816406	556.29803 46679688	252.70651 24511718 8	0.0		12.365662 57476806 6	956.4	222.814	2344	2296	2298	20T07:03:	2022-07- 20T07:42: 12	56.6	20220720-12
6251	nw_sup_c hange																			176.0	225.825	0	2328	2328		2022-07- 20T07:42: 32	57.0	
6250	nw_inf_ch ange																			320.5	225.34	0	2330	2328	20T07:42:	2022-07- 20T07:42: 27	56.6	
6249	reeling_ex change	276.15386 96289062 5	15.200072 28851318 4	8.7801055 90820312	0.0	0.0	3.0348532 19985962	525.52722 16796875	575.24047 8515625	289.88619 99511719	0.0	43.448276 51977539	14.425536 15570068 4	460.30612 18261719	509.31616 2109375	231.43937 68310547	0.0	34.219234 46655273 4	11.325694 08416748	962.7	224.029	2373	2328	2328	2022-07-		56.8	20220720-11
6248	reeling_ex change	250.13305 6640625	13.778534 88922119	7.9451656 34155273	0.0	0.0	2.7445363 99841308	477.09753 41796875	522.23571 77734375	263.19497 68066406	0.0	39.416316	13.094358	417.69793 70117187	462.01309	209.99726			10.261363 02947998	973.3	226.321	2375	2333	2332		2022-07- 20T06:24:	56.8	20220720-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6248	reeling_ex change	250.13305 6640625		7.9451656 34155273		0.0	6	477.09753 41796875	522.23571 77734375	263.19497 68066406	0.0	4	7	5	462.01309 20410156	209.99726 86767578	0.0	6	10.261363 02947998	973.3	226.321	2375	2333	2332	08	18	56.8	20220720-10
6247	reeling_ex change	224.51112 36572265 6	12.385471 34399414	7.1447381 9732666	0.0	0.0	2.4649512 76779175	428.88851 92871094	469.45782 47070312 5	236.59767 15087890 6	0.0	35.434402 46582031	11.758031 84509277 3	375.11511 23046875	414.89575 1953125		0.0	27.847953 79638672	9.2153663 6352539	964.4	228.584	2390	2346	2345		2022-07- 20T05:45: 08	57.0	20220720-09
6246	nw_sup_c hange																			962.7	228.297	0	2328	2323	2022-07- 20T05:44: 58	2022-07- 20T05:44: 58	56.7	
6245	nw_inf_ch ange																			961.8	227.908	0	2328	2323	2022-07- 20T05:44: 54	2022-07- 20T05:44: 54	56.9	
6244	reeling_ex change	199.23226 92871093 8	10.998386 38305664	6.3390107 15484619	0.0	0.0	2.1886000 63323974 6	378.45227 05078125	414.24572 75390625	208.77905 2734375	0.0	31.276165 00854492 2	10.390400 88653564 5	332.70120 23925781	367.46414 18457031	167.28631 59179687 5	0.0	24.691024 78027343 8		962.9	222.802	2373	2330	2328	2022-07- 20T04:26: 29	2022-07- 20T05:05: 41	57.1	20220720-08
6243		174.35789 48974609 4				0.0				181.00888 06152343 8	0.0				320.01904 296875		0.0	21.536874 77111816	7.1429510 11657715	962.7	221.884	2373	2336	2333	2022-07- 20T03:47: 20		57.1	20220720-07
6242		149.18727 11181640 6				0.0				153.99923 70605468 8		23.078311 92016601 6				•			6.1049494 74334717		220.261	2339	2293	2292	2022-07-		57.1	20220720-06
6241	nw_sup_c	6		5			4	5		0		0	5	0		0		0		946.8	219.401	0	2328	2323	2022-07- 20T03:47:	2022-07- 20T03:47:	57.2	
6240	nw_inf_ch ange																			945.9	219.55	0	2333	2319		11 2022-07- 20T03:47:	57.0	
6239		123.47387 6953125	6.8331990 24200439	3.9439983 36791992	0.0	0.0	1.3652229 30908203	231.67459 10644531	253.54872 13134765	127.78696 44165039	0.0	19.168106 07910156	6.3561196 32720947	205.76594 54345703	226.96655 2734375	103.44420 62377929	0.0	15.293157 57751464		959.1	222.593	2375	2328	2323	2022-07- 20T02:29:	20T03:08:	57.0	20220720-05
6238		98.271995 5444336				0.0		-	Ü	101.55828 85742187 5	0.0	15.210305 21392822 3				81.959205 6274414	0.0	12.082920 07446289	4.0013604	960.4	223.082	2373	2333	2328		20T02:29:	56.8	20220720-04
6237	reeling_ex	73.286430 35888672	4.0623383	2.3406496		0.0				75 225225	0.0	3 11.265912 05596923 8					0.0		2.9508466	968.6	223.495	2387	2343	2333	20 2022-07- 20T01:10:	20T01:50:	57.1	20220720-03
6236	nw_sup_c	555557.2	0220000	3			7	01120020	5	00010012		8	5		6	21000700		20777	5	964.4	223.069	0	2333	2319	56 2022-07- 20T01:50:	20T01:50:	57.1	
6235	nw_inf_ch																			963.1	222.141	0	2326	2323	11 2022-07- 20T01:50:	11 2022-07- 20T01:50:	57.2	
6234	reeling_ex	47.787410 73608398 4	2.6416862	1.5313119 88830566	0.0	0.0	0.5257889 62841033	88.394462	96.731208	48.759033	0.0	7.3281044 96002197	2.4222280 97915649	77.640357	85.523864	39.035076	0.0	5.7592849	1.9163051 84364318	963.1	223.177	2373	2333	2319	04 2022-07-	04		20220720-02
6233	reeling_ex	21.346796	1.1848239	0.6895169		0.0	9 0.2390138	56544922	80126953	203125		3.2336258 88824463						73144531 2.6207401 75247192	0.8743363		225.89	2375	2338	2325	44 2022-07-	56		20220720-01
6232	rooling ov	026 05427	E1 240017	4 , 29.989952	!	0.0	7	4727 0004	41//2401	29746535		142 60274	47 EE 4220					4 114.85496	02280426 38.006622 31445312			2387	2339	2333	35 2022-07-	44		20220719-39
6231	change nw_sup_c	01171875	20581055	4	0.0	0.0	7	5	5	203125	0.0	08447265 6	5	19140625	7421875	12304688	0.0	4	5	962.7	224.372		2326	2323	09 2022-07-	35		20220110 00
	hange nw_inf_ch																								28 2022-07-	28 2022-07-		
6230	ange	910.45562	49.781036	3 29.154523	l.		9 9718265	1689.1270	1849 0041	932 23626		139.70004 27246093	46.235435	1505.9517	1660 4968	757 27154		111.68073	36.960632	961.3	223.088		2330	2325	22 2022-07-			
6229	change	74414002	5	5		0.0				932.23626 70898438		8	4	5	2017 1070	0410100 <u>2</u>		8	32421875	300.3	223.958	2373	2326	2323	59 2022-07-	19T23:13: 09 2022-07-		20220719-38
6228	change	885.12030 02929688	82006836	92230328		0.0				906.57788 0859375		135.84327 69775390 6						05883789	35.932453 15551758 34.885944	905.0	224.054	2373	2332	2330	19T21:54: 47 2022-07-	19T22:33: 59	57.1	20220719-37
6227	reeling_ex change	858.53552 24609375	46.962451 93481445	31323242	0.0	0.0	9.4052667 61779785	23632812	51757812	880.35565 18554688	0.0	131.97315 97900390 6	43.679347 99194336	1421.5419 921875	35351562 5	/14.81579 58984375	0.0	00927734	34.885944 36645508	926.5	207.822	2202	2162	2158	19T21:18: 26	19T21:54: 47	56.9	20220719-36
6226	nw_sup_c hange																			924.3	206.767	0	2330	2325	19T21:54: 37	19T21:54: 37	56.7	
6225	nw_inf_ch ange																			923.0	205.634	0	2331	2322	2022-07- 19T21:54: 32	2022-07- 19T21:54: 32	57.2	
6224	reeling_ex change	834.86322 02148438	45.712013 24462890	3 26.716451 64489746	0.0	0.0	9.1476755 14221191	1551.9394 53125	1698.6381 8359375	856.41357 421875	0.0				1524.3021 24023437		0.0		33.902538 29956055	963.5	224.597	2373	2330	2325		2022-07- 19T21:18:	57.1	20220719-35

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6224	change	834.86322 02148438		64489746	0.0	0.0	9.1476755 14221191	1551.9394 53125	1698.6381 8359375	856.41357 421875	0.0	22265625	14550781	92376123	5	71679688	0.0	4	33.902538 29956055	963.5	224.597	2373	2330	2325	14	26	57.1	20220719-35
6223	reeling_ex change	809.60241 69921875	44.333766 93725586	25.904617 30957031 2	0.0	0.0	8.8747272 49145508	1505.3222 65625	1647.5500 48828125	830.63140 86914062	0.0	124.52317 04711914	41.215789 79492187 5	1339.5675 04882812 5	1477.4346 92382812 5	673.55853 27148438	0.0	99.346626 28173828	32.870605 46875	960.4	221.622	2375	2337	2333	2022-07- 19T20:00: 10	2022-07- 19T20:39: 14	57.0	20220719-34
6222	reeling_ex change	783.39868 1640625	42.990131 37817383	25.065568 92395019 5	0.0	0.0	8.5826807 02209473	1457.6274 4140625	1595.3129 8828125	804.29437 25585938	0.0	120.58681 48803711	39.895782 47070312 5	1297.3847 65625	1430.6883 54492187 5	652.32897 94921875	0.0	96.205390 93017578	31.822023 39172363 3	318.4	16.4945	206	204	204		2022-07- 19T20:00: 10	56.7	20220719-33
6221	reeling_ex change	778.79718 01757812	42.736274 71923828	24.914133 07189941 4	0.0	0.0	8.5344219 20776367	1451.7120 36132812 5	1588.8229 98046875	801.02960 20507812	0.0	120.06260 68115234 4	39.747840 88134765 6	1292.0942 3828125	1424.8721 92382812 5	649.67498 77929688	0.0	95.835700 98876953	31.701288 2232666	941.1	221.179	2331	2288	2279		2022-07- 19T19:50: 43	57.0	20220719-32
6220	nw_sup_c hange																			958.6	221.727	0	2332	2325		2022-07- 19T19:50: 47	57.1	
6219	nw_inf_ch ange																			941.1	221.179	0	2332			2022-07- 19T19:50: 43	56.7	
6218	reeling_ex change	754.27301 02539062	41.378974 91455078	24.132482 52868652 3	0.0	0.0	8.2668151 85546875	1402.9431 15234375	1535.3946 53320312 5	774.06872 55859375	0.0	116.05041 50390625	38.414512 63427734 4	1249.9808 34960937 5	1378.4605 71289062 5	628.49188 23242188	0.0	92.690010 07080078	30.667877 19726562 5	953.8	225.585	2373	2331	2322		2022-07- 19T19:12: 03	56.9	20220719-31
6217	reeling_ex change	727.20617 67578125	39.883045 1965332	23.270385 7421875	0.0	0.0				745.48608 3984375		111.76451 87377929 7	36.987522 12524414	1207.2086 18164062 5	1331.2945 55664062 5	606.98065 18554688	0.0	89.535896 30126953		951.6	227.212	2375	2337	2331		2022-07- 19T18:32: 50	56.8	20220719-30
6216	reeling_ex change	701.44024 65820312	38.480667 11425781	22.451280 59387207	0.0	0.0				717 /1700						E8E 34383		86.338912 96386719	28.562051 77307129	956.9	227.64	2383	2339	2329	2022-07- 19T17:14:		56.7	20220719-29
6215	nw_sup_c hange																			955.6	227.225	0	2332	2325		2022-07- 19T17:53: 33	56.6	
6214	nw_inf_ch ange																			954.7	226.948	0	2328	2330	2022-07- 19T17:53:		56.8	
6213	reeling_ex change	674.70159 91210938	37.007339 47753906	21.613485 33630371	0.0	0.0	7.3903365 13519287	31001002	1366.8565 67382812 5	689.03948 97460938	0.0	103.27835 84594726 6	34.188182 83081055	1121.2708 74023437 5	1236.5943 60351562 5	563.80114 74609375	0.0	83.197639 46533203		959.7	224.972	2373	2332	2325	2022-07- 19T16:35:		56.7	20220719-28
6212	reeling_ex change	647.92126 46484375	35.538890 83862305	20.768835 06774902 3	0.0	0.0	7.1026906 96716309	1199.4531 25	1312.4001 46484375	661.58013 91601562	0.0	99.147499 08447266	22 907506	1078.1976	1189.1470 94726562 5	542.14874 26757812	0.0		26.463708 87756347 7	957.8	226.128	2373	2336	2330	2022-07- 19T15:55:		57.2	20220719-27
6211				19.960407 25708007 8	0.0	0.0	6.8201298 71368408	1150.4409 1796875	1258.6459 9609375	634.45733 64257812	0.0	95.087432	31.456373		1141.1108 3984375	520.23571 77734375	0.0	76.777305 60302734	25.399068 83239746	947.7	223.902	2350	2303	2303		2022-07- 19T15:55: 58	56.6	20220719-26
6210	nw_sup_c hange																			945.9	221.797	0	2328	2330	2022-07- 19T15:55:		56.8	
6209	nw_inf_ch ange																			945.0	221.219	0	2349			2022-07- 19T15:55: 43	56.7	
6208	reeling_ex change	595.81860 3515625	32.689098 3581543	19.126241 68395996	0.0	0.0	6.5305833 81652832	1102.8739 01367187 5	1206.4866 94335937 5	608.15051 26953125	0.0	91.138198 85253906	30.177444 45800781 2	992.38537 59765625	1094.5468 75	498.99420 16601562 5	0.0	73.621498 10791016	24.368070 60241699 2	957.9	224.43	2373	2328	2330	2022-07- 19T14:37:		57.2	20220719-25
6207	reeling_ex change	570.34832 76367188	31.297590 25573730 5	18.321832 65686035	0.0	0.0		-	-	581.62908 93554688						477.74343 87207031	0.0	70.511169 43359375	23.339139 93835449 2	957.0	224.221	2376	2344	2341	2022-07- 19T13:58:		56.9	20220719-24
6206				17.476665 49682617 2		0.0				555.46087 64648438			-			456 30066		67 321357	22.277015	975.9	229.612	2430	2400	2393	2022-07-		56.6	20220719-23
6205	nw_sup_c hange																			972.8	228.727	0	2245		2022-07- 19T13:58:		56.8	
6204	nw_inf_ch ange																			972.8	228.249	0	2245		2022-07- 19T13:58:		56.8	
6203	reeling_ex change	516.44110 10742188	28.366931 91528320 3	16.621982 57446289	0.0	0.0	5.6597251 89208984	958.28149 4140625	1047.9981 68945312 5	528.23944 09179688	0.0	79.190422 05810547	26.190992 35534668	863.25604 24804688	952.18127 44140625	434.09667 96875	0.0	64.066810 60791016	21.178304 67224121	966.2	224.125	2375	2349	2339	2022-07-	2022-07- 19T13:18:	57.1	20220719-22
6202				15.805787 08648681 6		0.0	5.3780007	911.19677		502.23849		75.252937 31689453	24.915798 18725586	821.10095 21484375	905.68023 68164062	412.91580 20019531	0.0	60.929954 52880859	20.172599 79248047	964.9	221.455	2373	2350	2339	2022-07-	2022-07- 19T12:38:	56.7	20220719-21
6201				5 15.011446 95281982 4		0.0	5.1035394 6685791	863.78247 0703125	944.47338 8671875	476.03851 31835937 5	0.0	71.360649 10888672	23.602169 03686523	778.61956 78710938	858.87109 375	391.56762 6953125	0.0	7	19.112291 33605957		200.987	2156	2128		2022-07-	2022-07- 19T11:59:	56.9	20220719-20
										-			•															

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6200	nw_sup_c hange																			911.1	201.267	0	2245	2240	22	22	56.7	
6199	nw_inf_ch ange																			909.8	200.545	0	2338	2332	2022-07- 19T11:59: 16	2022-07- 19T11:59: 16	56.6	
6198	reeling_ex change	441.93847 65625	24.283786 77368164	14.255475 99792480 5	0.0	0.0	4.8486266 13616943	820.86022 94921875	897.47277 83203125	452.34869 38476562 5	0.0	00043703	07000233	73303330	816.11480 71289062	5			18.155296 32568359 4	942.8	213.696	2274	2245	2240		2022-07- 19T11:23: 40	57.2	20220719-19
6197	reeling_ex change	417.46984 86328125	22.942050 93383789	13.470564 84222412 1	0.0	0.0	4.5747547 1496582	775.71154 78515625	848.03698 73046875	427.40957 64160156	0.0	64.079704 28466797						51.914310 45532226 6	68383789	341.8	22.9653	269	265	265	2022-07- 19T10:41: 27	2022-07- 19T10:46: 03	56.9	20220719-18
6196	reeling_ex change	414.15130 61523437 5	22.758617 40112304 7	13.359875 67901611 3	0.0	0.0	4.5395298 00415039	769.92517 08984375	841.68609 61914062	424.23187 25585937 5	0.0				766.08026 12304688			51.597019 19555664	17.050052 64282226 6	966.2	222.498	2374	2347	2340	19T10:02: 02	2022-07- 19T10:41: 27		20220719-17
6195	reeling_ex change	388.90502 9296875	21.380651 47399902 3	12.547570 22857666	0.0	0.0	4.2676701 54571533	722.90393 06640625	790.20074 46289062	398.26516 72363281	0.0	59.734310 15014648 4	19.757457 73315429 7	652.27532 95898438	719.27673 33984375	328.04049 68261719	0.0	48.427494 04907226 6	16.014268 87512207	946.3	214.786	2293	2260	2255	2022-07- 19T09:24	2022-07- 19T10:02: 02	56.9	20220719-16
6194	nw_sup_c hange																			944.6	214.025	0	2338	2332	19T10:01:	2022-07- 19T10:01: 53	56.9	
6193	nw_inf_ch ange																			943.7	213.453	0	2338	2335		2022-07- 19T10:01: 47	57.0	
6192	onango	5	11001110			0.0	7	14207012	14000010			55.977653 50341797						50195312 5	15.016127 58636474 6	968.4	222.051	2373	2338	2332	33	19T09:24	57.0	20220719-15
6191				10.948266 98303222 7		0.0	02003003	79492100	40075	346.89385 98632812 5		52.008380 88989258						42.241355 89599609 4	13.965891 83807373	967.9	219.786	2373	2339	2335	13	19T08:44: 35	56.8	20220719-14
6190	reeling_ex change	313.77954 1015625	17.266149 52087402 3	10.121493 33953857 4	0.0	0.0	3.4465990 06652832	582.45782 47070312	636.36151 12304688	320.75381 46972656	0.0	48.102783 203125	15.896943 09234619 1	526.14428 7109375	580.07336 42578125	264.60363 76953125	0.0	39.111892 70019531	12.930879 59289550 8	959.1	222.688	2374	2336	2333	19T07:25: 46	2022-07- 19T08:05: 13	57.1	20220719-13
6189	nw_sup_c hange																			955.6	221.07	0	2342	2337	56	19T08:04: 56	56.6	
6188	nw_sup_c hange																			955.6	221.07	0	2342	2337	2022-07- 19T08:04: 56	2022-07- 19T08:04: 56	56.6	
6187				9.2946920 39489746		0.0	5	328125	01328125			320/3/01	3	27000710	532.78045 65429688	2		03735351	11.854273 79608154 3	971.4	221.174	2375	2338	2335	2022-07- 19T06:46: 23	2022-07- 19T07:25: 46	56.6	20220719-12
6186				8.4789791 10717773		0.0				268.57077 02636719		40.305931 09130859 4						32.725391 38793945	10.822017 66967773 4	967.0	221.789	2373	2347	2340		2022-07- 19T06:46: 23	56.6	20220719-11
6185	reeling_ex change	237.74871 82617187 5	13.078023 91052246 1	7.6487712 86010742	0.0	0.0	2.6075549 12567138 7	441.02944 94628906	481.38851 92871094	242.64210 51025390 6	0.0	36.407302 85644531	12.033226 01318359 4	398.24099 73144531	438.92156 98242187 5	200.27996 82617187 5	0.0	29.602842 33093261 7	9.7962083 81652832	943.9	210.577	2242	2210	2208	2022-07- 19T05:29: 46	2022-07- 19T06:06: 59	57.2	20220719-10
6184	nw_sup_c hange																			940.6	209.427	0	2343	2332	19T06:06: 48	2022-07- 19T06:06: 48	57.0	
6183	nw_inf_ch ange																			939.7	209.14	0	2343	2332	2022-07- 19T06:06: 44	2022-07- 19T06:06: 44	56.7	
6182				6.8875813 48419189 5		0.0				217.90206 90917968 8		32.678730 01098633						00203076	8.8021402 35900879		222.236	2373	2342	2337		2022-07- 19T05:29: 46	57.2	20220719-09
6181				6.0541639 32800293		0.0				192.03321 83837890 6		28.839902 87780761 7					0.0	23.399808 88366699 2	7.7212500 57220459	971.0	223.791	2373	2344	2338		2022-07- 19T04:50: 22	56.8	20220719-08
6180	reeling_ex change	162.71205 13916015 6	8.9480228 42407227	5.2198143 00537109	0.0	0.0	1.7854783 53500366 2	302.15725 70800781	329.42724 609375	166.04818 72558593 8	0.0	24.937923 43139648 4	8.2423076 62963867	272.83071 89941406	300.61575 31738281	137.21875	0.0	20.266738 89160156 2	6.6945385 93292236	971.5	224.029	2408	2378	2367	59	19T04:10: 59	57.2	20220719-07
6179	nw_sup_c hange																			969.7	222.874	0	2343	2332		2022-07- 19T04:10: 50	57.1	
6178	nw_inf_ch ange																			968.4	223.445	0	2334	2327	19T04:10:	2022-07- 19T04:10: 44	56.7	
6177				4.3890171 05102539		0.0	1.5026694 53620910 6	254.19169 61669922	276.87622 0703125	139.56210 32714843 8	0.0	3	31300434	00231333		3		16.993368 14880371	5.6353607 17773437 5	962.2	221.884	2374	2343	2332		2022-07- 19T03:30: 59	57.1	20220719-06
6176	reeling_ex change	111.68394 47021484	6.1465673 44665527	3.5732498 16894531	0.0	0.0	1.2207132 57789611	206.11486 81640625	224.64665 22216797	113.22004 69970703	0.0	17.010469 43664550	5.6193709 37347412	186.26574 70703125	205.17785 64453125	93.675804 1381836	0.0		4.5718421 93603516	966.2	222.593	2373	2346	2336	2022-07- 19T02:12:	2022-07- 19T02:51:	56.9	20220719-05

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6176	reeling_ex change	4	6.1465673 44665527		0.0	0.0	8	81640625	224.64665 22216797		0.0	8	3/34/412	186.26574 70703125	04453125	1381838	0.0	8	4.5718421 93603516	966.2	222.593	2373	2346	2336	11	35	56.9	20220719-05
6175	reeling_ex change	85.797653 19824219	4.7215995 78857422	2.7375793 45703125	0.0	0.0	0.9381356 83536529 5	159.17088 31787109 4	173.29229 73632812 5	87.342849 73144531	0.0	13.104846 00067138 7	4.3307304 38232422	143.58518 98193359 4	158.22027 58789062 5	72.221206 66503906	0.0		3.5309481 62078857 4	957.4	220.394	2348	2311	2306	2022-07- 19T01:33: 11	2022-07- 19T02:12: 11	56.5	20220719-04
6174	nw_sup_c hange																			955.6	219.822	0	2334	2327	2022-07- 19T02:12: 03	2022-07- 19T02:12: 03	57.2	
6173	nw_inf_ch ange																			954.7	219.345	0	2325	2312	2022-07- 19T02:11: 58	2022-07- 19T02:11: 58	57.1	
6172	reeling_ex change	59.784599 30419922	3.2958331 10809326	1.9113962 65029907 2	0.0	0.0	0.6524090 76690673 8	112.55783 84399414	122.75415 80200195 3	61.874416 35131836	0.0	9.2560596 46606445	94012939	101.64608 00170898 4	111.94844 81811523 4	51.111366 27197265 6	0.0	7.5140480 99517822	2.5102245 80764770 5	965.7	223.791	2375	2334	2327	2022-07- 19T00:53: 48	2022-07- 19T01:33: 11	56.6	20220719-03
6171	onango	6	4	1.1023869 51446533 2		0.0	0.3829101 92012786 87	65.653213 50097656	71.482948 30322266	36.039642 33398437 5	0.0	5.4207520 48492432	1.7969506 97898864 7	59.137199 40185547	65.129188 53759766	29.737823 48632812 5	0.0	4.4151277 54211426	1.4522099 49493408 2	967.0	223.72	2373	2336	2327	2022-07- 19T00:14: 28	2022-07- 19T00:53: 48	56.7	20220719-02
6170	reeling_ex change	9.5227699 27978516	0.5172974 46727752 7	0.3016517 75836944 6	0.0	0.0	0.1062740 23652076 72	18.116331 10046386 7	19.670717 23937988 3	9.9138813 01879883	0.0	1.4568747 28202819 8		16.611730 57556152 3	18.264028 54919433 6	8.3541498 1842041	0.0		0.4167004 52566146 85	966.3	226.902	2395	2347	2333	2022-07- 18T23:34: 44	2022-07- 19T00:14: 28	57.1	20220719-01
6169	nw_sup_c hange																			961.8	225.845	0	2325	2312	2022-07- 19T00:14: 18	2022-07- 19T00:14: 18	57.2	
6168	nw_inf_ch ange																			960.4	225.533	0	2334	2314	2022-07- 19T00:14: 12	2022-07- 19T00:14: 12	57.2	
6167	reeling_ex change	881.46136 47460938	72.709266 66259766	28.765830 99365234 4	0.0	0.0	9.8956375 12207031	1667.4700 92773437 5	1835.1210 9375	903.28955 078125	0.0	130.14880 37109375	45.487018 58520508	1445.8096 92382812 5	1768.4934 08203125	713.05468 75	0.0		35.270511 62719726 6	960.9	222.331	2375	2325	2312	2022-07- 18T22:55: 27	2022-07- 18T23:34: 44	57.2	20220718-36
6166	reeling_ex change	855.65509 03320312	71.276176 45263672	27.939077 37731933 6	0.0	0.0	9.6152591 70532227	1620.7299 8046875	1783.9519 04296875	877.47918 70117188	0.0	126.25535 58349609 4	44.224758 14819336	1403.4600 83007812 5	1721.8865 96679687 5	691.77044 67773438	0.0	98.195 <u>2</u> 13 3178711	34.248626 70898437 5	960.9	222.498	2375	2335	2324	2022-07- 18T22:16: 08	2022-07- 18T22:55: 27	56.6	20220718-35
6165	reeling_ex change	829.55883 7890625	69.914329 5288086	27.101001 73950195 3	0.0	0.0	9.3312635 42175293	1574.3670 65429687 5	1733.2225 34179687 5	851.91229 24804688	0.0	122.41509 24682617 2	42.948566 43676758	1361.2078 85742187 5	1675.3435 05859375	670.50415 0390625	0.0	95.052261 35253906	33.219833 37402344	945.5	215.458	2308	2269	2251	2022-07- 18T21:37: 48	2022-07- 18T22:16: 08	57.2	20220718-34
6164	nw_sup_c hange																			944.1	214.889	0	2334	2314	2022-07- 18T22:16: 01	2022-07- 18T22:16: 01	57.1	
6163	nw_inf_ch ange																			942.8	214.844	0	2326	2313	2022-07- 18T22:15: 55	2022-07- 18T22:15: 55	56.5	
6162	reeling_ex change	804.65472 41210938	68.630744 93408203	26.287496 56677246	0.0	0.0	9.0594320 29724121	1528.6492 91992187 5	1683.2022 70507812 5	826.69152 83203125	0.0	118.68221 28295898 4	41.681297 30224609 4	1320.5701 90429687 5	1629.7729 4921875	650.06500 24414062	0.0		32.213603 97338867	958.7	221.174	2373	2334	2314	2022-07- 18T20:58: 21	2022-07- 18T21:37: 48	56.8	20220718-33
6161	reeling_ex change	779.30908 203125	67.334342 95654297	25.468933 10546875	0.0	0.0	8.7857465 74401855	1482.6040 0390625	1632.7127 68554687 5	801.26104 73632812	0.0	114.83959 9609375	40.435802 4597168	1280.5065 91796875	1580.9003 90625	629.92443 84765625	0.0	89.033172 60742188	31.229236 60278320 3	959.6	218.91	2374	2342	2319	2022-07- 18T20:18: 57	2022-07- 18T20:58: 21	57.2	20220718-32
6160	reeling_ex change	754.03302 00195312	66.037483 21533203	24.640634 53674316 4	0.0	0.0	8.5050115 58532715	1436.5576 171875	1582.1876 22070312 5	775.76916 50390625	0.0	111.04605 86547851 6	39.184707 64160156	1240.3536 37695312 5	1531.8405 76171875	609.71466 06445312	0.0	86.082565 30761719	30.239374 1607666	972.3	225.331	2422	2379	2364	2022-07- 18T19:38: 38	2022-07- 18T20:18: 57	56.8	20220718-31
6159	nw_sup_c hange																			970.6	224.194	0	2327	2318	2022-07- 18T20:18: 49	2022-07- 18T20:18: 49	57.2	
6158	nw_sup_c hange																			970.6	224.194	0	2327	2318	2022-07- 18T20:18: 49	2022-07- 18T20:18: 49	57.2	
6157	reeling_ex change	727.15026 85546875	64.610473 6328125	23.768831 25305175 8	0.0	0.0			1529.8555 90820312 5			107.08288 57421875	37.858047 48535156	1198.8027 34375	1481.0350 34179687 5	588.80413 81835938	0.0		29.214193 34411621	964.3	222.593	2373	2326	2313	2022-07- 18T18:59: 13	2022-07- 18T19:38: 38	56.8	20220718-30
6156	reeling_ex change	702.18933 10546875	63.213882 44628906	22.973430 63354492 2	0.0	0.0	7.9406766 89147949					103.12187 19482421 9	36.545585 63232422	1158.0252 68554687 5	1431.1379 39453125	568.28778 07617188	0.0	79.967658 99658203	28.213771 82006836	960.4	224.334	2373	2337	2322	2022-07- 18T18:19: 49	2022-07- 18T18:59: 13	56.9	20220718-29
6155	reeling_ex change	676.60369 87304688	61.818920 13549805	22.158056 25915527 3	0.0	0.0	7.6653418 54095459					99.169212 3413086	35.218955 99365234 4	1116.6123 046875	1380.3538 81835937 5	547.45532 2265625	0.0	76.914978 02734375	27.205400 46691894 5	965.7	227.354	2397	2351	2340	2022-07- 18T17:40: 01	2022-07- 18T18:19: 49	56.6	20220718-28
6154	nw_sup_c hange																			965.3	227.612	0	2327	2318	2022-07- 18T18:19: 46	18T18:19:	57.0	
6153	nw_inf_ch ange																			963.9	227.13	0	2325	2330	2022-07- 18T18:19: 40	2022-07- 18T18:19: 40	57.2	
6152	reeling_ex change	650.12866 2109375	60.364482 87963867	21.321840 28625488	0.0	0.0	7.3716597 55706787	1243.2204 58984375	1370.0167 23632812	668.76977 5390625	0.0	95.084602 35595703	33.852966 30859375	1073.8889 16015625	1327.9777 83203125	525.92022 70507812	0.0		26.156644 82116699	961.9	224.764	2373	2327	2318	2022-07- 18T17:00:	2022-07- 18T17:40:	57.0	20220718-27

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6152	criange	650.12866 2109375	01903001		0.0	0.0	7.3716597 55706787	1243.2204 58984375	5	668.76977 5390625	0.0	95.084602 35595703	33.852966 30859375	1073.8889 16015625	1327.9777 83203125	525.92022 70507812	0.0	73.741912 84179688	2	961.9	224.764	2373	2327	2318	35	01	57.0	20220718-27
6151	reeling_ex change	623.40521 24023438	58.915199 27978515 6	20.490751 26647949 2	0.0	0.0	7.0812087 059021	1194.3786 62109375	1316.3874 51171875	641.71746 82617188	0.0	91.007095 33691406	32.529422 76000976 6	1031.9501 953125	1276.6369 62890625	504.84222 41210937 5	0.0	70.630317 68798828	25.129463 19580078	959.1	225.251	2373	2333	2328	2022-07- 18T16:21: 11	2022-07- 18T17:00: 35	56.6	20220718-26
6150	reeling_ex change	596.85375 9765625	57.475521 08764648 4	19.655004 50134277 3	0.0	0.0	6.7912511 82556152	1145.5317 3828125	1262.7402 34375	614.67419 43359375	0.0	86.974777 22167969	31.189769 74487304 7	989.78369 140625	1224.9510 49804687 5	483.62326 04980469	0.0	67.469871 5209961	24.095344 54345703	969.7	231.581	2413	2365	2365	18T15:41:	2022-07- 18T16:21: 11	57.2	20220718-25
6149	nw_sup_c hange																			968.8	230.089	0	2325	2330	2022-07- 18T16:21: 06	2022-07- 18T16:21: 06	57.3	
6148	nw_inf_ch ange																			967.9	229.605	0	2332	2336	18T16:21:	2022-07- 18T16:21: 01	57.2	
6147	reeling_ex change	570.05578 61328125	56.015815 73486328	18.820131 30187988 3	0.0	0.0	6.4977087 97454834	1096.3941 65039062	1208.8016 35742187	587.46917 72460938	0.0	82.899559 0209961	29.862432 4798584	946.51568 60351562	1171.8956 29882812 5	461.83956 90917969	0.0	64.308204 6508789	23.059751 51062011 7	957.9	223.72	2373	2325	2330	2022-07-		56.8	20220718-24
6146	rooling ov	543.35729 98046875	54 554271	17.975576	i	0.0	6.2121496	1047.9052	1155.5432	560.61981 20117188		78.877540 5883789						61.192817 68798828	22.032358 16955566	958.2	221.246	2373	2332	2339	2022-07- 18T14:22:	2022-07- 18T15:01: 39	57.0	20220718-23
6145	reeling ev	517.78112 79296875	53 158378	17.178932	0.0	0.0	5.9278383 25500488	1000.2712 40234375	1103.2386 47460937	534.24407 95898438	0.0	74.925125 12207031						58.075668 33496094	21.021886 82556152	981.6	229.104	2456	2412	2418	2022-07- 18T13:41:		57.2	20220718-22
6144	nw_sup_c hange			Ü					· ·										3	979.8	229.854	0	2332	2336	2022-07- 18T14:22:	2022-07- 18T14:22: 02	57.2	
6143	nw_inf_ch ange																			978.9	229.549	0	2337	2331	2022-07- 18T14:21:		57.1	
6142	reeling_ex change	490.10656 73828125	51.658203 125	16.300754 54711914	0.0	0.0	5.6214361 1907959	949.46801 7578125	1047.4528 80859375	506.11813 35449219	0.0	70.735847 47314453	25.817541 12243652	819.53942 87109375	1016.0036 62109375	397.94433 59375	0.0	54.839080 81054687	19.962688 44604492 2	956.5	226.67	2373	2332	2336	2022-07- 18T13:01:	2022-07- 18T13:41: 17	56.6	20220718-21
6141	reeling_ex change	464.15435 79101562 5	50.264648 4375	15.493829 72717285 2	0.0	0.0	5.3438129 42504883	899.85205 078125	992.97528 07617188	478.64794 921875	0.0		24.465309		063 72391			51.719909 66796875	18.921136	962.2	226.433	2374	2334	2336	2022-07- 18T12:22:		57.2	20220718-20
6140		437.63189 69726562	48.855857 84912109	14.659110 06927490	0.0	0.0	5.0569043 15948486	851.45965 57617188	939.85894 77539062	451.88027 95410156	0.0	62.643997	•	735.18066	912.19604	•	0.0	48.603412 62817383	17.870130 53894043	964.7	224.234	2357	2313	2314	2022-07- 18T11:42:	2022-07- 18T12:22:	56.5	20220718-19
6139	nw_sup_c hange	5	4	2												5				960.0	222.635	0	2337	2331	2022-07-	11 2022-07- 18T12:22	57.2	
6138	nw_inf_ch ange																			958.7	221.797	0	2330	2332	18T12:21:	2022-07- 18T12:21: 54	56.9	
6137	reeling_ex change	411.73333 74023437 5	47.482398 98681640 6	13.832406 99768066 4	0.0	0.0	4.7675075 53100586	802.93878 17382812	886.58660 88867188	425.02349 85351562 5	0.0	58.615879 05883789	21.824792 86193847 7	693.10437 01171875	860.15222 16796875	334.30230 71289062 5	0.0	34521484	16.848913 19274902 3	959.4	226.128	2373	2337	2331	2022-07- 18T11:03: 26	2022-07- 18T11:42: 57	57.1	20220718-18
6136	reeling ev	385.30050 65917969	46.073501 58691406	13.012027 74047851 6	0.0	0.0	4.4800271 98791504	753.71508 7890625	832.56622 31445312	397.79217 52929687 5	0.0	54.531257 62939453						42.419433 59375	15.834283 82873535 2	964.4	224.876	2374	2345	2333		2022-07- 18T11:03: 26	56.9	20220718-17
6135	reeling_ex change	359.68304 44335937 5	74000000	12.214116 09649658 2	0.0	0.0	4.1978173	705.31994		371.03674			10 125766					39.295421 6003418	14.783616 06597900 4	962.2	225.368	2364	2321	2323	2022-07- 18T09:44: 35	2022-07- 18T10:23: 55	57.2	20220718-16
6134	nw_sup_c hange																			960.0	224.096	0	2334	2328	2022-07- 18T10:23:	2022-07- 18T10:23: 44	56.7	
6133	nw_inf_ch ange																			959.1	223.915	0	2334	2328	2022-07-		57.2	
6132	reeling_ex change	333.12066 65039062 5	43.288276 67236328	11.372833 25195312 5	0.0	0.0	3.9093732 83386230 5	657.22576 90429688	726.67419 43359375	344.45913 69628906	0.0	46.559394 83642578			704.91833 49609375		0.0	36.224853 515625	13.767054 55780029 3	965.3	224.125	2374	2330	2332	2022-07- 18T09:05:	2022-07- 18T09:44: 35	57.0	20220718-15
6131		306.51913 45214844				0.0	3.6191473 00720215	609.24401 85546875	674.04461 66992188	317.97448 73046875	0.0	42.622650 14648437 5	16.504833 22143554 7	525.22674 56054688	652.97430 41992188	249.85523 98681640 6	0.0	33.088047 02758789		969.3	222.498	2374	2334	2334	2022-07-		57.0	20220718-14
6130		279.72714 23339844				0.0	3.3249099 25460815	561.49902 34375	621.64538 57421875	291.58966 06445312 5	0.0	38.652458 19091797						30.023509 97924804	11.704720 49713134 8		223.464	2374	2335	2330	2022-07- 18T07:46:	2022-07- 18T08:25: 37	56.7	20220718-13
6129	nw_sup_c		3				4			J			,			7		,	J	957.8	222.509	0	2334	2328	2022-07- 18T08:25:		57.3	
6128	nw_inf_ch ange																			956.9	222.103	0	2185	2179	2022-07- 18T08:25:	2022-07- 18T08:25: 21	57.3	
	-																								21	21		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6127	reeling_ex change	253.41757 20214843 8	39.025566 10107422	8.8243007 65991211	0.0	0.0	3.0347211 36093139 6	513.04785 15625	568.52276 61132812	264.83898 92578125	0.0	34.639698 02856445	13.860033 98895263 7	442.74798 58398437 5	548.12237 54882812	208.36602 78320312 5	0.0		10.703993 79730224 6	962.2	225.348	2374	2334	2328		2022-07- 18T07:46: 04	56.8	20220718-12
6126	reeling_ex change	227.04939 27001953	37.608493 80493164	7.9960341 45355225	0.0	0.0	2.7491323 94790649 4	464.46218 87207031	515.25463 8671875	238.00769 04296875	0.0	30.613548 27880859 4	12.528201 10321045	400.97879 02832031	496.72494 50683594	187.34638 97705078	0.0	23.847621 91772461	9.6638917 92297363	963.1	225.515	2374	2339	2331	2022-07- 18T06:27: 05	2022-07- 18T07:06: 32	57.2	20220718-11
6125	reeling_ex change	200.83178 7109375	36.184341 43066406	7.1583828 92608643	0.0	0.0	2.4583909 51156616	416.82891 84570312 5	463.04229 73632812 5	211.74052 42919922	0.0	26.692380 90515136 7	11.219223 02246093 8	359.03247 0703125	445.39025 87890625	166.26176 45263672	0.0	20.747974 39575195 3	8.6420068 74084473	923.4	205.04	2172	2137	2130		2022-07- 18T06:27: 05	57.2	20220718-10
6124	nw_sup_c hange																			922.1	204.864	0	2185	2179		2022-07- 18T06:26: 57	56.9	
6123	nw_inf_ch ange																			921.2	204.383	0	2404	2404		2022-07- 18T06:26: 52	56.9	
6122	reeling_ex change	176.72061 15722656 2	34.890331 26831055	6.3872599 60174560 5	0.0	0.0	28579712	23535156	415.27273 55957031	52392578	0.0	23.119831 08520507 8	10.022789 00146484 4	321.42907 71484375	399.25744 62890625	147.32823 18115234 4	0.0	17.914846 42028808 6	7.7279067 03948975	932.4	208.664	2222	2185	2179	2022-07- 18T05:13: 54	2022-07- 18T05:50: 55	56.9	20220718-09
6121	reeling_ex change	152.45133 97216797	33.553951 26342773 4	5.6072430 61065674	0.0	0.0	8	8/39/636	03574219			7	104010		00700001	6		66192627	6.7737789 15405273	934.0	208.217	2224	2188	2182	2022-07- 18T04:37: 01	2022-07- 18T05:13: 54	56.7	20220718-08
6120	reeling_ex change	127.92796 32568359 4	32.206691 74194336	4.8097515 10620117	0.0	0.0	1.6632107 49626159 7	284.54861 45019531	318.44973 75488281	138.96655 2734375	0.0	15.803126 33514404 3	7.6104874 61090088	244.94432 06787109 4	305.41375 73242187 5	108.82688 14086914	0.0	12.280035 01892089 8	5.8381814 95666504	492.6	48.6081	534	529	529		2022-07- 18T04:37: 01	57.1	20220718-07
6119	nw_sup_c hange																			187.3	1.18063	0	2404	2404		2022-07- 18T03:27: 28	4.9	
6118	nw_inf_ch ange																			183.9	0.688704	0	2404	2398		2022-07- 18T03:26: 26	4.8	
6117		112.74713 89770507 8				0.0	3	0330123	5	127.30892 18139648 4				226.97666 93115234 4				6	5.3983082 77130127		231.827	2394	2404	2404		2022-07- 18T03:25: 31	57.2	20220718-06
6116	reeling_ex change	91.225555 41992188	25.167123 79455566 4	3.4909207 82089233 4	0.0	0.0	1.2074710 13069152 8	212.74163 81835937 5	238.55969 23828125	102.93926 23901367 2	0.0	11.402770 04241943 4	5.6945304 87060547	183.30300 90332031 2	228.86242 67578125	80.662887 57324219	0.0	8.8407859 8022461	4.3414716 72058105 5	981.1	233.478	2386	2395	2390		44	56.7	20220718-05
6115	nw_sup_c hange																			976.3	230.617	0	2404	2398	18T02:45: 37	2022-07- 18T02:45: 37	57.1	
6114	nw_inf_ch ange																			975.4	230.125	0	2378	2382	18T02:45: 32	2022-07- 18T02:45: 32	57.1	
6113	change	70.295761 10839844	30040020	7		0.0	1	4	78857422			8.6605844 49768066						6.7314648 62823486	3.3117432 59429931 6	984.4	234.383	2395	2404	2398		2022-07- 18T02:06	57.0	20220718-04
6112		47.897190 09399414				0.0				53.758686 06567383		5.9724063 87329102						78460693	2.2766981 12487793	300.0	231.492	2394	2409	2401	18T00:46: 20	2022-07- 18T01:26: 10	57.2	20220718-03
6111	reeling_ex change	25.983123 77929687 5	7.1638517 37976074	0.9902235 86559295 7	0.0	0.0	0.3390574 45526123 05	60.559772 49145508	67.986793 5180664	29.350328 44543457	0.0	3.2829167 84286499	1.6304017 30537414 6	51.937919 61669922	64.866653 44238281	22.859436 03515625	0.0	2.5607745 64743042	1.2317049 50332641 6	985.6	235.243	2412	2415	2418	18T00:06: 10	2022-07- 18T00:46: 20	56.6	20220718-02
6110	nw_sup_c hange																			984.2	235.098	0	2378	2382	18T00:46: 12	2022-07- 18T00:46: 12	57.2	
6109	nw_inf_ch ange																			982.9	234.433	0	2382	2380	18T00:46: 07	2022-07- 18T00:46: 07	57.0	
6108	change	20033900	8	95		0.0			•	4.5498256 68334961		0.4779486 06014251 7						28786087 04	0.1504466 83168411 25		231.117	2373	2378	2382	17T23:26: 40	2022-07- 18T00:06: 10	57.2	20220718-01
6107		569.99731 4453125				0.0				628.49517 82226562								58.051826 47705078	26.701789 85595703	978.7	229.861	2375	2386	2387	17T22:47: 09	2022-07- 17T23:26: 40	56.9	20220717-48
6106	reeling_ex change	548.07965 08789062	150.05485 53466797	21.296756 74438476 6	0.0	0.0	7.2780141 83044434	1243.4136 96289062 5	1399.7009 27734375	603.96868 89648438	0.0054656 00173920 393	72.497077 94189453	33.277648 92578125	1069.4334 71679687 5	1350.0856 93359375	473.03823 85253906	0.0		25.663404 46472168	985.1	235.465	2408	2416	2414	17T22:07: 05	2022-07- 17T22:47: 09	56.7	20220717-47
6105	nw_sup_c hange																			984.2	234.899	0	2382	2380	17T22:47: 04	2022-07- 17T22:47: 04	56.6	
6104	nw_inf_ch ange																			983.4	234.403	0	2218	2220		2022-07- 17T22:46: 59	56.8	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6103	reeling_ex	525.48156 73828125				0.0	6.9800953 86505127	1192.4228 515625	1342.4616 69921875	579.27862 54882812	0.0054656 00173920 393	69.799293 5180664	31.922065 73486328	1025.0639 6484375	1294.6119 38476562 5	453.50704 95605469	0.0	53.819957 7331543	24.617546 08154297	975.9	230.743	2375	2382	2380	2022-07- 17T21:27: 36	2022-07- 17T22:07: 05	57.0	20220717-46
6102	reeling_ex change	503.67681 88476562 5	137.78402 70996093 8	19.599670 41015625	0.0	0.0	6.6863903 99932861	1141.9676 51367187 5	1285.8040 77148437 5	554.81707 76367188	0.0054656 00173920 393	67.109230 0415039	30.556982 04040527 3	981.95965 57617188	1240.7036 1328125	434.54867 55371094	0.0	51.763481 14013672	23.572685 24169922	976.3	229.861	2373	2387	2383	2022-07- 17T20:48: 07	2022-07- 17T21:27: 36	56.7	20220717-45
6101	reeling_ex change	481.95864 86816406	131.78091 43066406 2	18.776119 23217773 4	0.0	0.0	6.3933420 18127441	1091.3161 62109375	1228.9267 578125	530.26770 01953125	0.0054656 00173920 393	64.420112 60986328	29.205448 15063476 6	938.34643 5546875	1186.1651 61132812 5	415.34149 16992187 5	0.0	49.704746 24633789	22.524425 50659179 7	929.1	207.136	2132	2137	2140	2022-07- 17T20:12: 37	2022-07- 17T20:48: 07	56.6	20220717-44
6100	nw_sup_c hange	:																		927.0	206.0	0	2218	2220	2022-07- 17T20:47: 56	2022-07- 17T20:47: 56	57.1	
6099	nw_inf_ch ange																			925.6	205.506	0	2181	2183	2022-07- 17T20:47: 50	2022-07- 17T20:47: 50	56.5	
6098	reeling_ex change	463.04806 51855469	126.55415 34423828 1	18.062269 21081543	0.0	0.0	6.1428346 63391113	1046.5607 91015625	1178.6429 44335937 5	508.53668 21289062 5	0.0054656 00173920 393	62.028236 38916015 6	28.002292 63305664	899.03979 4921875	1136.9984 13085937 5	398.03805 54199219	0.0	45407505			216.298	2213	2218	2220	2022-07- 17T19:35: 12	2022-07- 17T20:12: 37	57.1	20220717-43
6097		442.07568 359375				0.0				485.30258 17871094								0007 1210	20.612161 63635254		216.646	2249	2261	2260	2022-07- 17T18:58: 29	2022-07- 17T19:35: 12	57.2	20220717-42
6096		421.70944 21386719				0.0				462.32955 93261719									19.635801 31530761 7		40.7101	446	489	489	2022-07- 17T18:27: 52	2022-07- 17T18:58: 29	56.7	20220717-41
6095		413.82534 79003906				0.0				454.87707 51953125									19.303560 25695800 8		0.0	0	0	0	2022-07- 17T18:26: 49	2022-07- 17T18:27: 52	0.0	20220717-40
6094		413.82534 79003906				0.0				454.62002 56347656									19.303560 25695800 8		0.0	0	0	0	43	17T18:26: 49		20220717-39
6093		413.82534 79003906				0.0				454.62002 56347656								41000004	0		0.0	0	0	0	17 1 10.15	2022-07- 17T18:25: 43		20220717-38
6092	reeling_ex change	412.71295 16601562 5	112.61185 45532226 6	16.083469 39086914	0.0	0.0				454.35592 65136719									19.303560 25695800 8		0.0	0	0	0		2022-07- 17T18:19	0.0	20220717-37
6091	reeling_ex change					0.0				454.35592 65136719								43.128524 78027344	19.273424 14855957	176.0	0.0	0	0	0	29	17T18:17: 53	0.0	20220717-36
6090		5	6			0.0				454.09667 96875								78027344	19.273424 14855957	176.0	0.0	0	0	0	07	17T18:16: 29	0.0	20220717-35
6089		411.82980 34667969				0.0				454.09667 96875								43.128524 78027344	19.273424 14855957	176.0	0.0	0	0	0	09	17T18:14: 07	0.0	20220717-34
6088		411.82980 34667969				0.0				454.09667 96875								78027344	14000907	170.0	0.0	0	0	0	36	17T18:11: 09	0.0	20220717-33
6087	reeling_ex change	411.82980 34667969			0.0	0.0				453.83883 66699219								43.128524 78027344	19.273424 14855957	176.0	0.0	0	0	0	34	17T18:07: 36	0.0	20220717-32
6086	reeling_ex change	20898437 5	33935546 9	16.043140 41137695 3		0.0				453.83883 66699219							0.0	78027344	19.273424 14855957	176.0	0.0	0	0	0	27	17T18:06: 34	0.0	20220717-31
6085	criarige		7	4		0.0											0.0	70027044	19.273424 14855957		7.53137	76	63	65	25	17T18:05: 27	0.0	20220717-30
6084	reeling_ex change	401.63006 59179687 5	109.53588 10424804 7	15.668308 25805664	0.0	0.0	5.3309249 87792969	925.18566 89453125	1042.1671 14257812 5	449.63510 13183594	0.0054656 00173920 393	55.487846 37451172	24.769121 17004394 5	794.38995 36132812	1005.7276 00097656 2	351.91162 109375	0.0	42.746932 98339844	19.093065 26184082	914.2	203.729	2098	2106	2109	25	17T17:19: 25	56.8	20220717-29
6083	nw_inf_ch ange		104 4705	44.04740							0.0054050		00 500000						40.40740		202.02	0	2000	1997	10	17T17:19: 10	57.1	
6082		382.20373 53515625				0.0				428.00888 06152344								03230201	0	934.4	206.358	2173	2181	2183	13	17T16:44: 25	57.0	20220717-28
6081		362.50436 40136719				0.0				405.30133 05664062 5								86083984 4	17.223886 48986816 4		213.009	2173	2182	2184	08	17T16:08: 13	56.9	20220717-27
6080	reeling_ex change	342.45660 40039062 5	93.211891 1743164	31372070 3	0.0	0.0	4.5458436 01226807	786.66381 8359375	886.47998 046875	382.42382 8125	0.0054656 00173920 393	48.048568 72558594	46801757 8	675.52850 34179688	856.39123 53515625	299.56521 60644531	0.0	37.014369 96459961	16.235179 90112304 7	545.3	68.147	712	721	721	2022-07- 17T14:03: 15	2022-07- 17T15:32: 08	56.7	20220717-26

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6079	reeling_ex change	311.87271 11816406	84.706192 01660156	12.023287 77313232 4	0.0	0.0	4.1315836 90643310 5	753.93756 10351562	849.66235 3515625	366.52197 265625	0.0054656 00173920 393	46.335308 07495117	20.203235 62622070 3	647.76062 01171875	821.57122 80273438	287.34091 18652344	0.0	57177734	15.569934 84497070 3	890.9	184.471	1998	2006	2004	2022-07- 17T13:29: 56	2022-07- 17T14:03: 15	56.6	20220717-25
6078	nw_sup_c hange																			886.4	182.037	0	235	234		2022-07- 17T14:03: 01	56.9	
6077	nw_inf_ch ange																			885.5	181.802	0	235	234	2022-07- 17T14:02: 57	2022-07- 17T14:02: 57	56.6	
6076			84.706192 01660156		0.0	0.0						43.967594 14672851 6							14.699145 31707763 7		196.193	1992	2000	1997		2022-07- 17T13:29: 56	57.0	20220717-24
6075	change	45214844	82.106651 30615234	2		0.0	4.0091838 83666992	667.34362 79296875	752.38403 3203125	324.50003 05175781	0.0	41.637847 90039062 5	6	7200020	09237012	00090703		32.135463 71459961	13.823222 16033935 5	895.2	192.812	1998	2006	2004	17T12:23: 31	2022-07- 17T12:56: 45	56.8	20220717-23
6074			76.972785 94970703			0.0	40109253	43554688	41601562		0.0	39.308143 61572265 6						11950683	12.948982 23876953 1	277.5	12.3583	153	154	154	2022-07- 17T12:20: 57	2022-07- 17T12:23: 31	56.7	20220717-22
6073	onango	00014210	76.579849 24316406	8		0.0	3	00010020	30340012						678.24176 02539062			41906738	12.861818 31359863 3	718.9	90.8836	938	942	926	2022-07- 17T08:43: 03	2022-07- 17T12:20: 57	56.9	20220717-21
6072	reeling_ex change	251.22489 92919922	67.903686 5234375	9.6958026 88598633	0.0	0.0	3.3224687 57629394 5	574.19531 25	647.70617 67578125	279.30511 47460937 5	0.0	36.687725 06713867	15.392672 53875732 4	493.39022 82714844	627.33044 43359375	219.34611 51123047	0.0		11.903910 63690185 5	796.9	152.521	1570	1578	1575	55	17T08:43: 03	57.1	20220717-20
6071	nw_sup_c hange																			794.3	151.628	0	235	234	17T08:42: 53	2022-07- 17T08:42: 53	57.0	
6070	nw_inf_ch ange																			793.4	151.024	0	2382	2384	17T08:42: 48	2022-07- 17T08:42: 48	56.9	
6069			63.813507 08007812 5			0.0	6088562	30273438	65625				4	5	28125	4453125		60620117 2	11.206674 57580566 4	327.7	20.3295	234	235	234	01	17T08:16: 55	56.6	20220717-19
6068	reeling_ex change	234.37573 2421875	63.248302 4597168	9.0561246 87194824	0.0	0.0	22427308	55078125	00001302	260.56555 17578125		34.603610 99243164						95959472 7	11.090303 42102050 8		14.7558	177	177	177	17 100.10	01		20220717-18
6067	change	8046875	62.866535 18676758	97802734	0.0	0.0				258.67181 39648437 5		6	14227295	11230469	580.56719 97070312	82373047	0.0		11.003000 25939941 4	894.8	191.042	1974	1983	1980	10	17108:10	57.0	20220717-17
6066	change	6	58.057723 99902344	20013201		0.0	8/30408/	40917969	2011/188						03/03002			53210449 2	10.128195 76263427 7		32.9238	361	363	363	09	17T07:37: 10	56.8	20220717-16
6065			57.039588 92822265 6			0.0	3	01040025	3020123			31.696987 15209961					0.0	6	/1/6513/		23.7564	268	269	269	34	2022-07- 17T07:31: 09 2022-07-	56.9	20220717-15
6064	reeling_ex change	90771484 4	56.499294 28100586	8.1082525 2532959	0.0	0.0	3470459	05957031	80132812	231.58601 37939453					10004000			05249023 4	9.8361997 60437012	986.9	234.829	2373	2385	2385	17T06:47: 09	17T07:26: 34	57.3	20220717-14
6063			50.355594 63500976 6			0.0	2.4772558 21228027 3			206.89228 82080078		28.615003 58581543					0.0	53515625	42020009	310.2	18.2437	216	217	218	27	17T06:47: 09	57.1	20220717-13
6062	reeling_ex change	78759765 6	49.814487 45727539	7.1294226 64642334	0.0	0.0	86386108 4	419.41333 0078125	474.23547 36328125	204.50801 08642578	0.0				458.78427 12402344		0.0	04199218 8	8.6945447 92175293	946.8	212.502	2197	2206	2208	49	17T06:43: 27	57.2	20220717-12
6061	nw_inf_ch ange																			944.1	211.323	0	505	504	17T06:43: 15	2022-07- 17T06:43: 15	56.9	
6060	nw_sup_c hange	166 20402								191 60000		25 922004	10.014404			140 76000		10 900700			211.225	0	505	504	17T06:43: 14	2022-07- 17T06:43: 14 2022-07-	57.1	
6059			44.462219 23828125			0.0	01100001	02000713	03230201			8	7	06542969		8			7.7263174 05700684		230.775	2374	2382	2384	17T05:27: 23	17T06:06: 49	57.0	20220717-11
6058		4.40.050.40	38.358310 69946289			0.0				157.13423 15673828		23.108755 11169433 6						17 6/0792	6.6941995 62072754		14.2239	173	173	173	17T05:24: 23	2022-07- 17T05:27: 23	56.7	20220717-10
6057	change	5	37.990989 68505859 4	1151/334		0.0	4 50774 44	007 00070	000 74000	155.31208 80126953					348.67935 18066406			3	6.6053113 93737793		233.309	2374	2384	2388	52	17T05:24: 23	56.6	20220717-09
6056	reeling_ex change	16528320 3	31.916625 9765625	4.6229486 4654541	0.0	0.0	95251464 8	60742187 5	93164062 5	130.98286 43798828	0.0	20.192661 28540039	7.2255725 8605957	227.94543 45703125	293.16625 9765625	87426757 8	0.0	55651855 5	5.5624198 91357422	910.6	200.387	2030	2041	2037		2022-07- 17T04:44: 52	57.3	20220717-08

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6055	nw_sup_c hange																			908.9	199.684	0	505	504	2022-07- 17T04:44: 44	2022-07- 17T04:44: 44	56.6	
6054	nw_inf_ch ange																			908.0	197.666	0	2381	2377	2022-07- 17T04:44: 39	2022-07- 17T04:44: 39	56.9	
6053	change	0	81091308 6	38388061 (5		0.0	45642089 8	83837890 6	2	01367187 0 5		17.885128 02124023 4						13.744819 64111328 1			46.0554	500	505	504	2022-07- 17T03:03: 26	2022-07- 17T04:11: 06	57.2	20220717-07
6052				3.5052933 69293213	0.0	0.0	1.2060761 45172119 1	205.72676 08642578	234.89582 82470703	101.30381 01196289	.0				226.32371 52099609 4			12.978134 15527343 8	4.2966537 47558594	926.1	193.28	2224	2234	2225	2022-07- 17T02:26: 23	2022-07- 17T03:03: 26	57.1	20220717-06
6051				06100464	0.0	0.0	3	4	4			6	78973389	00234375	180.82048 03466797	60083008		93981933 6	3.4445900 91705322 3		195.401	2224	2234	2225	17T01:49: 26	2022-07- 17T02:26: 23	57.2	20220717-05
6050	reeling_ex change	55.577861 78588867	14.464641 57104492 2	30009373	0.0	0.0	3	8	10000700			10.163455 00946045	3.3653633 59451294	104.87242 12646484 4	135.25810 24169922	47.461215 97290039	0.0		32330011		13.9257	187	189	189	13	17T01:49: 26	57.1	20220717-04
6049	reeling_ex change	53.670753 47900390 6	13.958755 49316406 2	2.0284748 07739258	0.0	0.0	0.7048846 48323059 1	119.40261 84082031 2	137.22102 35595703	59.193668 36547851 0	.0	9.8681926 72729492	3.2783441 5435791	101.86823 27270507 8	131.39306 640625	46.099819 18334961	0.0	7.5690331 45904541	2.4974050 52185058 6	965.7	211.21	2411	2418	2413	01	17T01:46: 13	56.7	20220717-03
6048	nw_sup_c hange																			964.4	210.465	0	2381	2377	06	17T01:46: 06	57.2	
6047	nw_inf_ch ange			4 2720525			0.4427402							62 672000		20 007004			1 5450600	963.5	210.11	0	2386	2381	02	17T01:46: 02	57.2	
6046		40.000740	0.0440044	1.2738535 40420532 2		0.0	0.4437403 38087081 9 0.1833971	9819336	71044922	93286133	.0	6.1356511 11602783						00102559	4		207.377	2375	2381	2377	2022-07- 17T00:26: 26 2022-07-	17T01:06: 01	57.0	20220717-02
6045	change	63763427 7	23077392 6	43440246 (6		0.0	44079208 37	64758300 8	96264648 4	04223632 0 8					32.912677 76489258		0.0	0340034	0.6188737 75005340 6		208.541	2375	2384	2380	16T23:46: 53	17T00:26: 26	57.2	20220717-01
6044		705.35864 2578125	62402343 8	27.237123 48937988 3	0.0	0.0	9.0758905 4107666	70117187	1571.0874 0234375	745.69384 765625 0	.0	75048828 1	42.061050 41503906	1475.0595 703125	1521.0085 44921875	573.43841 55273438	0.0	96.135864 2578125	31.779678 34472656 2	917.2	192.308	2211	2221	2217	2022-07- 16T23:10 2022-07-	16T23:46: 53	57.2	20220716-42
6043	nw_sup_c hange																			915.1	191.513	0	2386	2381		16T23:46: 44	56.8	
6042	nw_inf_ch ange	696 57620	160.60450	26.543447			9 9249605	1712 0755	1523.5711	725 20526		123.56281	40.040250	1420 6247	1475.2557	EE7 20E44		02 446075		913.7	191.832	0	2385	2380		16T23:46: 38	57.1	
6041	onange	00400120	6	26.543447 49450683 6 25.756244		0.0				725.20526 12304688 0					1475.2557 37304687 5 1426.4783		0.0	70800781	47998047	953.0	208.541	2375	2386	2381	16T22:30: 26 2022-07-	2022-07-	56.7	20220716-41
6040				25.756244 65942382 8		0.0				703.01379 39453125 0		116,23792	00 505400	10011100	1426.4783 93554687 5	500 04050			29.973379 13513183 6 29.063972 47314453		208.374		2386	2382	01 2022-07-			20220716-40
6039				31000039	0.0	0.0			328125 1418.2717	681.28887 93945312 679.76824		3	25024414	109375	23046875	09763623		01171070	47314453 29.001026 15356445			165	166	166	09 2022-07-			20220716-39
6038	change	58007812	69091797	24.858217 23937988 3	0.0	0.0			28515625		.0	38598632 8	63647461	00195312 5	1374.5533 44726562 5	86132812	0.0	640625	15356445 3		210.337		2428	2421	51 2022-07-			20220716-38
6037	hange																			959.0	209.549		2383	2380	01 2022-07-			
6036	ange	624.91540	144.61509	24.029352 18811035	0.0	0.0	8.0250396	1576.5202	1366.5052	657.42889 40429688	0	112.28769 68383789	37.200347	1322.8889	1324.6596	504.55249	0.0	84.812950	28.053592 68188476 6	958.1	209.195		2383	2380	57 2022-07-			20220746 27
6035	reeling_ex	604.91131	139.44001	23.205221		0.0	7.7611293	1532.4702	1315.8769	635.56536		68383789 108.62092 59033203 1						13427734 82.029235 83984375			209.459		2385	2380	16 2022-07-	16T21:07: 51 2022-07- 16T20:28:		20220716-37
6033	reeling_ex	584.70996	134.21870	22.405462		0.0	79272461	1484375	53125	86523438 0 613.77020 26367188 0					21875 1226.3746 33789062 5			83984375 79.189933 77685547			211.303		2437	2429	43 2022-07-	16		20220716-36
6032	nw_sup_c	09375	42236328	26501465	0.0	J.U	74975586	5	5	26367188		68725586	51220703	5	5	5	0.0	77685547	3		210.595		2383	2380	18 2022-07-	43 2022-07- 16T19:48:		202201 10-33
3002	hange																			500.0	210.000	0	2000	2000	35	35	J1.L	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
6031	nw_inf_ch ange																			958.7	210.065	0	185	185		2022-07- 16T19:48: 29	56.7	
6030	reeling_ex change	564.37701 41601562	128.96354 67529297	21.569763 18359375	0.0	0.0	7.2289543 15185547	1442.9287 109375	1212.9981 68945312 5	591.17846 6796875	1.0	101.25359 34448242 2	33.533042 90771484 4	1208.1865 234375	1176.4249 26757812 5	452.62194 82421875	0.0	76.287490 84472656	25.249334 33532715	950.3	207.288	2374	2383	2380	2022-07- 16T18:28: 43	2022-07- 16T19:08: 18	56.9	20220716-34
6029	reeling_ex change	544.61920 16601562	123.84580 23071289	20.770790 10009765 6	0.0	0.0	6.9712839 12658691	1398.1201 171875	1161.5675 04882812 5	568.97119 140625	0.0	97.549613 95263672	32.311325 07324219	1169.9658 203125	1126.4816 89453125	435.33087 15820312 5	0.0	34720302			210.879	2374	2385	2388	2022-07- 16T17:49: 11	2022-07- 16T18:28: 43	56.8	20220716-33
6028	reeling_ex change	524.07739 2578125	118.50697 32666015 6	19.931079 86450195 3	0.0	0.0	6.6978478 43170166	1353.7292 48046875	1110.5946 04492187 5	546.97363 28125	0.0	93.916824 34082031	31.087518 6920166	1131.7991 94335937 5	1076.6331 78710937 5	418.04837 03613281	0.0	70.674194 3359375	23.376817 70324707	916.3	195.379	2222	2229	2227		2022-07- 16T17:49: 11	57.1	20220716-32
6027	nw_inf_ch ange																			912.8	193.949	0	2378	2378		2022-07- 16T17:48: 54	56.7	
6026	nw_sup_c hange																			912.4	193.615	0	2378	2378		2022-07- 16T17:48: 52	56.9	
6025	onango	00000101	8	19.190013 88549804 7		0.0	6.4574613 57116699	1311.4396 97265625	1062.0351 5625	526.00701 90429688	0.0	90.376304 62646484	11001100	00001010	5	5		16699219	22.482761 38305664	254.2	13.7868	185	185	185		2022-07- 16T17:12: 16	56.6	20220716-31
6024				19.119262 6953125		0.0	14904785	7734375	66015625			90.080741 88232422						00000400	22.424003 60107422		189.146	2144	2149	2149		2022-07- 16T17:09: 03	57.1	20220716-30
6023				18.377519 60754394 5		0.0	6.2024564 74304199	1268.2412 109375	1012.4656 37207031 2	504.60119 62890625	0.0	86.833274 8413086					0.0	0410000			11.2615	154	154	154		2022-07- 16T16:33: 29	57.1	20220716-29
6022				18.347433 09020996		0.0	91467285	44140625	1008.6127 9296875	08496094	0.0	80322266	68359375	/14843/5	979.14367 67578125	5		65.082252 5024414	21.526956 55822754	921.2	198.213	2244	2253	2254	2022-07- 16T15:53: 31	2022-07- 16T16:30: 46	57.1	20220716-28
6021	criarige	00002001	70200000			0.0				482.15524 29199219		83.112197 87597656						09936523 4	20.656038 28430175 8	287.7	222.287	2630	2638	2638	02	16T15:53: 31	57.1	20220716-27
6020	change	20990094	00913000	17.493814 46838379		0.0				480.61703 49121094		82.817962 64648438	27.451162 33825683 6	1018.6099 24316406 2	927.90637 20703125	366.85171 50878906	0.0	23632812 5	20.600725 17395019 5		662.907	2375	2378	2378	16T15:44: 59	2022-07- 16T15:50: 02	20.9	20220716-26
6019	reeling_ex change	462.72952 27050781	102.60918 42651367 2	17.433376 31225586	0.0	0.0	5.8975458 1451416	1218.4493 40820312 5	955.31817 62695312	479.93222 04589844	0.0	82.700317 3828125	27.398366 92810058 6	1017.0219 11621093 8	925.72644 04296875	366.11547 8515625	0.0	62.123123 16894531	20.545412 06359863 3	300.0	214.792	2375	2378	2378	16T15:43: 31	2022-07- 16T15:44: 59	57.3	20220716-25
6018	nw_inf_ch ange																			731.2	209.107	0	2388	2376	16T15:44: 01	2022-07- 16T15:44: 01	57.0	
6017	nw_inf_ch ange																			731.2	209.107	0	2388	2376	01	16T15:44: 01	57.0	
6016	change	04980469	14819336			0.0	1451416	33984375	75976562			82.582672 11914062						6	20.517755 50842285		206.291	2375	2378	2378	16T15:03: 57	2022-07- 16T15:43: 31	57.0	20220716-24
6015	criarige	007 1070	33013331		0.0	0.0	5.6270413 39874268	1172.7448 73046875	902.89782 71484375	457.32449 34082031	0.0	78.948471 06933594	•				0.0	59.269493 10302734 4			208.254	2375	2378	2378	16T14:24: 22	2022-07- 16T15:03: 57	56.8	20220716-23
6014	change	422.30386 35253906	0/2/539	4		0.0	44793701	546875	852.47894 28710938	37207031	0.0		82385254	10351562	52148438	5		4	18.672824 85961914		205.739	2374	2383	2386	16T13:44: 49	2022-07- 16T14:24: 22	57.0	20220716-22
6013	reeling_ex change	402.81182 86132812 5	87.106735 22949219	14.989892 00592041	0.0	0.0	5.1100792 88482666	1084.3511 96289062 5	801.52850 34179688	413.64263 91601562 5	0.0	71.679992 67578125	23.740314 48364257 8	902.81945 80078125	776.70135 49804688	314.47427 36816406	0.0	53.649963 37890625	17.740762 71057129	953.7	208.73	2378	2388	2380	16T13:05: 10	2022-07- 16T13:44: 49	56.6	20220716-21
6012	nw_sup_c hange																			952.0	207.72	0	2388	2376	16T13:44: 39	2022-07- 16T13:44: 39	57.2	
6011	nw_inf_ch ange																			951.1	207.274	0	2050	2048	34	16T13:44: 34	57.0	
6010	change	93019331	903120			0.0				391.67410 27832031		67.989784 24072266							16.834571 83837890 6		209.793	2375	2388	2376	16T12:25: 37		56.6	20220716-20
6009				13.335244 17877197 3		0.0				369.71954 34570312 5		64.377647 39990234						48.072101 59301758			210.635	2374	2390	2379	03	16T12:25: 37	57.1	20220716-19
6008	reeling_ex change	341.90097 04589844	71.239730 83496094	12.496469 49768066 4	0.0	0.0	4.3096432 68585205	951.08642 578125	648.72375 48828125	347.81701 66015625	0.0	60.694843 29223633	20.125095 36743164	790.42126 46484375	625.01605 22460938	263.59396 36230469	0.0	45.331062 31689453	14.986021 04187011 7	908.5	187.156	2129	2137	2135		2022-07- 16T11:46: 03	57.1	20220716-18

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
6007	nw_sup_c hange																			903.2	186.515	0	2290	2336	2022-07- 16T11:45: 50	2022-07- 16T11:45: 50	57.2	
6006	nw_inf_ch ange																			902.7	186.335	0	2290	2336	2022-07- 16T11:45: 48	2022-07- 16T11:45: 48	57.2	
6005	reeling_ex change	324.69140 625		11.839559 55505371 1	0.0	0.0	4.0843286 51428223	911.33215 33203125	603.06982 421875	328.15530 39550781	0.0	57.414813 99536133	19.030153 27453613 3	756.82971 19140625	579.31109 61914062	248.39172 36328125	0.0	42.839988 70849609 4	14.151316 64276123	892.7	179.792	2042	2050	2048	2022-07- 16T10:36: 31	2022-07- 16T11:10: 35	56.9	20220716-17
6004	reeling_ex change	307.02252 19726562 5	62.156089 78271484 4	11.148800 84991455	0.0	0.0	51199341	27 148438	140625			54.314441 6809082	17.985870 36132812 5	724.33959 9609375	535.36572 265625	233.70610 04638672	0.0	2878418	13.365940 09399414	1009.0	232.277	2602	2617	2613		2022-07- 16T10:36: 31	57.1	20220716-16
6003	reeling_ex change	284.45559 69238281	56.282997 13134765 6	10.246827 12554931 6	0.0	0.0	6	27539062	25292969			50.301490 78369140 6	16.650093 07861328	682.65533 44726562	479.00158 69140625	214.83850 09765625	0.0	56933594			33.7558	406	401	402	2022-07- 16T08:50: 57	2022-07- 16T09:53: 18	56.9	20220716-15
6002	reeling_ex change	275.87847 90039062 5	54.136116 02783203	9.9250545 50170898	0.0	0.0	3.4464666 84341430 7	809.36761 47460938	488.31738 28125	278.53021 24023437 5	0.0	49.186054 22973633	16.283317 56591797	670.34497 0703125	463.55685 42480469	209.52366 63818359 4	0.0	36.455165 86303711	12.051418 30444336	957.5	193.667	2327	2290	2336	2022-07- 16T08:12: 10	2022-07- 16T08:50: 57	57.2	20220716-14
6001	nw_sup_c hange																			1200.0	0.169456	0	2290	2336	2022-07- 16T08:51: 34	2022-07- 16T08:51: 34	57.1	
6000	nw_inf_ch ange																			1200.0	196.371	0	2335	2382	2022-07- 16T08:51: 29	2022-07- 16T08:51: 29	57.0	
5999	reeling_ex change	255.76834 10644531 2	50.187770 84350586	9.2016782 76062012	0.0	0.0	3.1924767 49420166	750.79815 67382812	452.97619 62890625	258.35879 51660156	0.0	0246582	2	38085938	22949219	6		93701172			197.924	2373	2345	2382	2022-07- 16T07:32: 38	2022-07- 16T08:12: 10	57.2	20220716-13
5998	reeling_ex change			8.4782285 69030762	0.0	0.0	2.9415690 89889526 4	690.50976 5625	416.79309 08203125	237.69046 02050781 2	0.0	41.965934 75341797						00310234	10.274241 44744873		197.388	2373	2347	2383	2022-07- 16T06:53: 06	2022-07- 16T07:32: 38	57.2	20220716-12
5997	reeling_ex change	87744140	42.240211 48681640 6	7.7476582 52716064 5	0.0	0.0	2.6887025 83312988 3	630.52972 41210938	380.62866 2109375	217.05093 38378906 2	0.0	38.334918 97583008	12.684307 09838867 2	521.90380 859375	359.77133 17871094	163.05007 93457031 2	0.0	28.386035 91918945 3	9.3714866 6381836	963.8	198.549	2372	2334	2381	2022-07- 16T06:13: 33	2022-07- 16T06:53: 06	57.0	20220716-11
5996	nw_sup_c hange																			960.9	197.704	0	2335	2382	58	16T06:52: 58	57.1	
5995	nw_inf_ch ange																			959.1	197.274	0	2335	2382	51	16T06:52: 51	57.0	
5994	reeling_ex change	194.60966 49169922	38.138931 27441406	6.9970116 61529541	0.0	0.0				196.19421 38671875		34.648750 30517578						8	8.4795475 00610352	905.3	196.474	2373	2335	2382	2022-07- 16T05:34	2022-07- 16T06:13: 33	57.1	20220716-10
5993	change	10595703	14477539			0.0	2		5	175.33619 68994140 6		30.975255 96618652 3	10.249086 38000488 3	421.90396 11816406	291.42852 78320312 5	131.80102 5390625	0.0	22.920150 75683593 8	7.5679626 46484375	966.2	196.763	2373	2340	2386	2022-07- 16T04:54: 27	2022-07- 16T05:34	56.7	20220716-09
5992	reeling_ex change	153.21315 00244140 6	30.038114 54772949 2	5.4858107 5668335	0.0	0.0	1.9158754 34875488 3	450.07415 77148437 5	271.78872 68066406	154.92868 04199218 8	0.0	27.352779 38842773 4	9.0469722 74780273	372.40756 22558594	257.42260 7421875	116.31481 17065429 7	0.0	20.242664 33715820 3	6.6764287 9486084	966.9	199.499	2410	2372	2408	17	16T04:54: 27	56.8	20220716-08
5991	nw_sup_c hange																			962.7	198.362	0	2337	2386	2022-07- 16T04:54: 06	2022-07- 16T04:54: 06	56.9	
5990	nw_sup_c hange																			962.7	198.362	0	2337	2386	06	16T04:54: 06	56.9	
5989	reeling_ex change	132.66502 38037109 4	26.020847 32055664	4.7518491 74499512	0.0	0.0	1.6613647 93777465 8					23.659118 65234375	7.8298211 09771728 5	321.64663 69628906	222.35858 15429687 5	100.45527 64892578 1	0.0	4375	5.7866554 26025391	901.0	196.845	2373	2335	2382	2022-07- 16T03:34: 44	2022-07- 16T04:14: 17	56.6	20220716-07
5988	change	71009330	78063965			0.0				113.15361 02294921 9		09350586	82189941	16308594	187.67858 88671875	4140625		1	16149902		196.058	2373	2342	2387		2022-07- 16T03:34: 44	56.9	20220716-06
5987	reeling_ex change	91.442207 33642578	17.919265 74707031 2	3.2839257 71713257	0.0	0.0		268.38201 90429687 5		92.354919 43359375	0.0	16.324272 15576172	5.3871035 5758667	221.65655 51757812 5	152.81813 04931640 6	69.222503 66210938	0.0	12.051869 39239502	3.9748218 05953979 5	949.9	194.77	2342	2307	2358	2022-07- 16T02:16: 09	2022-07- 16T02:55: 12	56.9	20220716-05
5986	nw_sup_c hange																			948.1	193.564	0	2337	2386	2022-07- 16T02:55: 03	2022-07- 16T02:55: 03	56.7	
5985	nw_inf_ch ange																			947.2	193.059	0	2146	2191	57	16T02:54: 57	57.2	
5984	reeling_ex change	71.043586 73095703	13.917875 28991699 2	2.5495367 0501709	0.0	0.0	0.8885163 06877136 2	209.16038 51318359 4	126.31343 07861328 1	71.986991 88232422	0.0	12.757084 84649658 2	4.2087965 01159668	172.95518 49365234 4	118.63661 19384765 6	54.006927 49023437 5	0.0	9.3863401 41296387	3.1162526 60751342 8	957.0	197.18	2373	2337	2386		2022-07- 16T02:16: 09	56.7	20220716-04

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5983	reeling_ex change	51.042575 83618164	9.9934263 22937012	1.8344662 18948364 3	0.0	0.0	0.6423112 75005340 6	148.60946 65527343 8	89.791183 47167969	51.164928 4362793	0.0	9.0811691 28417969	2.9837994 57550049	122.79287 71972656 2	83.849746 70410156	38.334606 1706543	0.0	6.6639633 17871094	2.2049329 28085327	956.9	197.677	2373	2345	2392		2022-07- 16T01:36: 36	57.2	20220716-03
5982	reeling_ex change	30.512723 92272949 2	5.9826731 68182373	1.0927380 32341003 4	0.0	0.0	0.3893314 59999084 5	88.270919 79980469	53.323589 32495117	30.397207 26013183 6	0.0	5.3959493 63708496	1.7667309 04579162 6	72.891029 35791016	49.763439 1784668	22.767299 65209961	0.0	4.0013942 71850586	1.3019654 75082397 5	934.0	187.977	2269	2234	2281	2022-07- 16T00:19: 16	2022-07- 16T00:57: 05	56.6	20220716-02
5981	nw_sup_c hange																			932.2	187.932	0	2146	2191		2022-07- 16T00:56: 55	57.0	
5980	nw_inf_ch ange																			930.9	187.425	0	2336	2387		2022-07- 16T00:56: 49	56.8	
5979	reeling_ex change	9.6096754 07409668	1.8868811 13052368 2	0.3460080 92164993 3	0.0	0.0	0.1268364 19105529 79	30.967969 89440918	18.714193 34411621	10.670858 38317871 1	0.0	00141906	00009100	25.162349 70092773 4	13090144	7.8664822 57843018	0.0	73455810 5	0.4328144 19269561 77	921.7	179.935	2177	2146	2191		2022-07- 16T00:19: 16	57.1	20220716-01
5978	reeling_ex change	732.78588 8671875	144.38188 17138672	27.584377 28881836	0.0	0.0	1697998	546675	14453125					1753.2280 2734375				95.243484 49707031	31.524547 57690429 7	917.7	179.44	2177	2148	2193	2022-07- 15T23:06: 46	2022-07- 15T23:42: 58	56.8	20220715-37
5977		714.30865 47851562				0.0				713.36248 77929688		8	39100130	1707.4819 3359375	5	30320125		92.782836 9140625	30.693367 00439453	480.1	41.4938	521	518	529		2022-07- 15T23:06: 46	57.2	20220715-36
5976	reeling_ex change	703.31567 3828125	138.57205 20019531 2	26.527690 88745117 2	0.0	0.0	8.7729406 35681152	2049.0668 9453125	1238.4306 640625	706.74871 82617188	0.0	124.89056 39648437 5	41.352291 10717773 4	1691.1702 88085937 5	1173.3818 359375	528.35522 4609375	0.0	91.899658 203125	30.407806 39648437 5	950.9	195.587	2340	2304	2353	2022-07- 15T21:56: 42	2022-07- 15T22:35: 44	57.2	20220715-35
5975	nw_sup_c hange																			946.3	194.378	0	2336	2387	2022-07- 15T22:35: 35	2022-07- 15T22:35: 35	56.9	
5974	nw_inf_ch ange																			945.0	193.667	0	2338	2389	15T22:35: 29	2022-07- 15T22:35: 29	56.7	
5973	change	682.77990 72265625	00013023	2		0.0	65100098	76953125	0859375			6	00000212		5	0.00020		3100300			199.296	2373	2336	2387	15T21:17: 09	2022-07- 15T21:56: 42	57.2	20220715-34
5972		662.06903 07617188				0.0				664.99023 4375		2	6		953125	44140625	0.0	00000004	28.593227 38647461		200.461	2373	2343	2393	15T20:37: 38	2022-07- 15T21:17: 09	57.0	20220715-33
5971	reeling_ex change	641.51348 87695312	126.37137 60375976 6	24.307434 08203125	0.0	0.0	7.9984526 63421631	1866.2203 36914062 5	1127.8388 671875	643.72857 66601562	0.0	113.77482 60498046 9	37.658042 90771484 4	1540.3041 9921875	1070.4891 35742187 5	481.30783 08105469	0.0	83.700119 01855469	27.690290 45104980 5	927.0	187.241	2217	2184	2232	15T20:00: 39	2022-07- 15T20:37: 38	56.7	20220715-32
5970	nw_sup_c hange																			925.2	185.727	0	2338	2389	27	15T20:37: 27	56.5	
5969	nw_inf_ch ange																			924.3	185.214	0	2338	2387	15T20:37: 21	2022-07- 15T20:37: 21	57.2	
5968	change	621.85174 56054688	25/56836	0/4/0/03		0.0	8/6//002	75390625	00040025			110.21475 21972656 2						91992100			198.549	2373	2338	2389	07	15T20:00: 39	56.6	20220715-31
5967	change	600.64544 67773438	040020	8		0.0				602.52416 9921875		106.46961 21215820 3						30033330	0		199.174	2373	2343	2395	15T18:41: 40	2022-07- 15T19:21: 07	56.6	20220715-30
5966		579.59680 17578125				0.0				581.37628 17382812				1392.5128 17382812 5				20000701		275.3	10.7138	156	154	158	59	15T18:41: 40	57.2	20220715-29
5965	reeling_ex change	578.31268 31054688	76513671 9	22.097206 11572265 6	0.0	0.0	7.2084293 36547852	1681.2370 60546875	1015.9868 77441406 2	579.94207 76367188	0.0	102.50206 75659179 7	33.914382 93457031	1389.0301 51367187 5	965.93292 23632812	434.12408 44726562 5	0.0	75.501571 65527344	24.967039 10827636 7	955.1	201.49	2385	2350	2399	15T17:59: 14	2022-07- 15T18:38: 59	56.7	20220715-28
5964	nw_sup_c hange																			954.3	200.809	0	2338	2387	15T18:38: 52	2022-07- 15T18:38: 52	56.6	
5963	nw_inf_ch ange		100 72 12	04.0=:=:				1010 :07											04.05222		201.001	0	2335	2382	15T18:38: 46	2022-07- 15T18:38: 46	57.1	
5962		557.01220 703125				0.0				558.68890 38085938			52856445	03515625	859375	23828125			24.050565 71960449 2		199.714	2373	2338	2387	15T17:19: 40	2022-07- 15T17:59: 14	56.9	20220715-27
5961		536.02899 16992188				0.0				537.26855 46875		94.912063 59863281							23.140756 60705566 4		201.168	2373	2344	2395	15T16:40: 09	2022-07- 15T17:19: 40	57.3	20220715-26
5960	reeling_ex change	514.88696 2890625	101.42589 56909179 7	19.643117 90466308 6	0.0	0.0	6.4212784 76715088	1495.3688 96484375	903.60217 28515625	515.89312 74414062	0.0	91.177978 515625	30.164384 84191894 5	1236.9228 515625	861.18377 68554688	386.70239 2578125	0.0	67.232749 93896484	22.234657 28759765 6	937.1	193.081	2292	2256	2301		2022-07- 15T16:40: 09	56.8	20220715-25

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5959	nw_sup_c hange																			934.4	192.671	0	2335	2382		2022-07- 15T16:40	56.7	
5958	nw_inf_ch ange																			933.1	192.157	0	2323	2379		2022-07- 15T16:39: 54	57.2	
5957	reeling_ex change	494.70385 7421875	97.444099 42626953	18.867557 52563476 6	0.0	0.0	6.1701259 61303711	1435.4487 3046875	867.38012 6953125	495.22744 75097656	0.0	87.502960 20507812	28.965993 88122558 6	1188.2407 2265625	826.99291 9921875	371.53802 49023437 5	0.0	64.585121 15478516	21.355352 4017334	953.8	199.296	2373	2335	2382	2022-07- 15T15:22: 22	2022-07- 15T16:01: 55	57.1	20220715-24
5956	reeling_ex change	473.49826 04980469	93.249084 47265625	18.056791 30554199 2	0.0	0.0	5.9045214 65301514	1374.6777 34375	830.65362 54882812	474.29147 33886719	0.0	83.762008 66699219	27.720783 23364257 8	1136.8148 19335937 5	792.01843 26171875	355.49203 49121094	0.0	61.800647 7355957	20.422004 69970703	953.1	199.548	2373	2344	2391		2022-07- 15T15:22: 22	57.0	20220715-23
5955	reeling_ex change	452.19308 47167969	89.036727 90527344	17.234554 29077148 4	0.0	0.0	5.6384110 45074463	1312.5837 40234375	793.14904 78515625	452.90505 98144531	0.0	79.963798 52294922	26.476140 97595215	1086.0632 32421875	756.56243 89648438	339.68740 84472656	0.0	59.073902 13012695	19.517843 24645996	961.3	202.116	2411	2356	2413	2022-07- 15T14:02: 41	2022-07- 15T14:42: 50	57.0	20220715-22
5954	nw_sup_c hange																			958.2	201.678	0	2349	2384		2022-07- 15T14:42: 33	57.0	
5953	nw_inf_ch ange																			958.2	201.593	0	2349	2384	2022-07- 15T14:42:		56.7	
5952	reeling_ex change	430.99545 28808594	84.858802 79541016	16.419809 34143066 4	0.0	0.0	5.3789448 73809814 5	1250.1262 20703125	755.42822 265625	431.41183 47167969	0.0	76.166984 55810547	25.205221 17614746	1035.0244 140625	720.58325 1953125	323.75119 01855469	0.0		18.589164 73388672	952.7	201.168	2373	2323	2379	2022-07- 15T13:23:		56.7	20220715-21
5951	reeling ev	410.66622 92480469	80 844337	15.641688	0.0	0.0	5.1221795 08209228 5	1188.2585 44921875	718.04321 2890625	410.08981 32324219	0.0	72.375595 09277344	23.957536 69738769 5	984.05078 125	684.93780 51757812	307.85040 28320312 5	0.0	53.532497 40600586	17.693479 53796386 7	958.3	200.794	2373	2322	2379	2022-07- 15T12:43:		56.9	20220715-20
5950				14.836444 85473632 8	0.0	0.0	4.8569955 82580566	1127.3414 30664062 5	681.25469 97070312	389.12728 88183594	0.0	68.633865 35644531	-			-		50.782611 84692383	16.779727 93579101	947.7	199.904	2354	2329	2365	2022-07- 15T12:04:		57.1	20220715-19
5949	nw_sup_c hange																			935.3	193.859	0	2342	2381	2022-07-		57.0	
5948	nw_inf_ch ange																			934.9	193.848	0	2342	2381			57.1	
5947	reeling_ex change	368.58068 84765625	72.560836 79199219	14.040570 25909423	0.0	0.0	4.5987486 83929443	1066.0943 60351562	644.25585 9375	368.00469 97070312 5	0.0	64.892448 42529297	21.497083 66394043	883.81665 0390625	614.62023 92578125	276.57727 05078125	0.0	48.041927 33764648	15.874607 08618164	954.7	201.995	2373	2349	2384	2022-07- 15T11:25:		56.8	20220715-18
5946				13.230124 47357177 7	0.0	0.0				346.92263 79394531		61.153541 56494140 6	20.264396 66748047	833.81817 62695312	579.31665 0390625	260.98129 27246094	0.0		14.997490 88287353 5	962.7	200.713	2374	2352	2389	2022-07- 15T10:45:		56.7	20220715-17
5945	rooling ov		64 261108	12.425446		0.0	4.0717873	944.04003		325.92312			19.034313 20190429	782.69146 72851562	543.62066 65039062	244.97904 96826172	0.0	42.556480		967.4	199.61	2364	2329	2363	2022-07-		56.6	20220715-16
5944	nw_sup_c hange																	·		939.7	193.767	0	2342	2381	2022-07- 15T10:44:		56.6	
5943	nw_inf_ch ange																			938.9	193.492	0	2335	2374	2022-07- 15T10:44:		57.2	
5942	reeling_ex change	305.69787 59765625	60.197502 13623047	11.643182 75451660 2	0.0	0.0	3.8188281 05926513	882.54333 49609375	533.48626 70898438	304.71841 43066406	0.0	53.719440 46020508	17.783897 39990234	731.99523 92578125	508.21514 89257812	229.12478 63769531	0.0	97827148	13.146329 87976074 2	960.9	200.542	2373	2342	2381	2022-07- 15T09:26:		56.9	20220715-15
5941				10.857727 05078125		0.0	3.5613970 75653076	821.61914 0625	496.74194 3359375	283.70556 640625	0.0	50.030246 73461914						37.078029 63256836	12.254570	964.9	200.542	2373	2343	2383	2022-07-		56.7	20220715-14
5940				10.060790 06195068 4		0.0	3.3008801 93710327	760.74426 26953125	459.98059 08203125	262.69973 75488281	0.0	46.343441 00952148 4						34.267860	11.330334 66339111	965.3	200.038	2369	2332	2367	2022-07- 15T08:07:		57.1	20220715-13
5939	nw_sup_c hange			•									-		-	-		Ŭ	,	959.1	198.668	0	2335	2374	2022-07- 15T08:47:		57.2	
5938	nw_inf_ch ange																			957.8	198.318	0	2335	2370	2022-07-	2022-07-	56.7	
5937	reeling_ex change	244.76808 16650390 6	48.195926 66625976 6	9.3115129 4708252	0.0	0.0	3.0552651 88217163	699.56787 109375	423.02389 52636719	241.57936 09619140 6	0.0	42.585056 30493164	14.117802 61993408 2	579.93804 93164062	402.52471 92382812 5	181.52153 01513672	0.0	31.575759 88769531 2	10.428716 65954589 8	965.3	203.867	2373	2335	2374		2022-07- 15T08:07: 52	57.2	20220715-12
5936	reeling_ex change	224.01239 01367187 5	44.105484 00878906	8.5169000 62561035	0.0	0.0	2.7960209 84649658	639.38763 42773438	386.63034 05761719	220.80355 83496093 8	0.0	38.933284 75952148 4						28.831209 18273925 8	9.5216360 09216309	965.7	202.455	2373	2337	2377	2022-07- 15T06:48: 47	2022-07- 15T07:28: 18	56.6	20220715-11
5935				7.7286834 71679687 5		0.0				100 70635		35.218776 70288086	11.679920					26.087083	8.6123695 37353516		203.308	2379	2342	2377	2022-07- 15T06:09: 06	2022-07- 15T06:48: 47	57.2	20220715-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5934	nw_sup_c hange																			963.1	202.441	0	2335	2370		2022-07- 15T06:48: 36	57.2	
5933	nw_inf_ch ange																			961.8	201.833	0	2334	2369	2022-07- 15T06:48: 29	2022-07- 15T06:48: 29	57.1	
5932	reeling_ex change	183.39321 89941406 2	36.079421 99707031	6.9893045 42541504	0.0	0.0	2.2886159 42001342 8	517.68286 1328125	313.05395 5078125	178.78794 86083984 4	0.0	31.507656 09741211	10.450088 50097656 2	428.55648 80371094	295.72918 70117187 5	134.16534 42382812 5	0.0	23.335189 81933593 8	7.7034611 70196533	969.7	202.701	2373	2335	2370		2022-07- 15T06:09: 06	56.7	20220715-09
5931				6.1767559 05151367		0.0	2.0296006 20269775 4	456.55969 23828125	276.10162 35351562 5	157.67454 52880859 4	0.0	27.785371 78039550 8	9.2158699 03564453	377.88619 99511719	260.12033 08105469	118.31172 94311523 4	0.0	20.580526 35192871	6.7951078 41491699	964.9	203.241	2373	2345	2376	2022-07- 15T04:50: 01	2022-07- 15T05:29: 33	56.6	20220715-08
5930	reeling_ex change	141.19686 88964843 8	27.747570 03784179 7	5.3643612 8616333	0.0	0.0	1.7648591 99523925 8	394.00756 8359375	238.32208 25195312 5	136.10046 38671875	0.0	24.007852 55432129	7.9488744 73571777	326.45156 86035156	223.79899 59716797	102.22209 16748046 9	0.0	17.777156 82983398 4	5.8595933 91418457	971.0	204.382	2404	2367	2402		2022-07- 15T04:50: 01	56.7	20220715-07
5929	nw_sup_c hange																			968.4	204.98	0	2334	2369	2022-07- 15T04:49: 49	2022-07- 15T04:49: 49	57.0	
5928	nw_inf_ch ange																			967.5	204.371	0	2133	2165		2022-07- 15T04:49: 43	57.0	
5927				4.6165132 52258301		0.0	1.5106986 76109314	331.73962 40234375	200.69451 90429687 5	114.61521 91162109 0 4	0.0	20.224756 24084472 7						14.979150 77209472 7	4.9512081 14624023	968.8	203.946	2373	2334	2369	2022-07- 15T03:30: 24	2022-07- 15T04:09: 56	56.6	20220715-06
5926	reeling_ex change	99.512687 68310547	19.561458 58764648 4	3.7968509 19723510 7	0.0	0.0	1.2460825 44326782 2	268.86819 45800781	162.70759 58251953	92.911575 31738281	0.0	16.378438 94958496	5.4141974 44915771 5	222.92393 49365234 4	152.67660 52246093 8	69.821769 71435547	0.0	12.182726 86004638 7	4.0144681 93054199	965.7	204.44	2373	2336	2371		2022-07- 15T03:30: 24	56.8	20220715-05
5925	reeling ex	78.579101 5625	15.467860	2 0050402	0.0	0.0	0.9873124 95708465 6	206.13734 43603515 6	124.77574 92065429 7	71.257606 50634766	0.0	12.569207 19146728 5	4.1634731 29272461	171.19429 01611328	117.24707 03125	53.619354 24804687 5	0.0	9.3116264 34326172	3.0764899 25384521 5	934.9	198.267	2275	2234	2267	2022-07- 15T02:13: 08	2022-07- 15T02:50: 58	56.6	20220715-04
5924	nw_sup_c hange																			933.6	197.718	0	2354	2366		2022-07- 15T02:50: 49	56.7	
5923	nw_sup_c hange																			933.6	197.718	0	2354	2366	2022-07- 15T02:50: 49	2022-07- 15T02:50: 49	56.7	
5922	reeling_ex change	93000400	09173584			0.0				51.003242 49267578		9.0057296 75292969	2.9660027 02713012 7	122.96006 77490234 4	83.554763 79394531	38.534122 46704101 6	0.0	6.7053031 92138672	2.2231166 36276245	907.1	181.642	2172	2133	2165	2022-07- 15T01:37: 01	2022-07- 15T02:13: 08	56.8	20220715-03
5921	reeling_ex change	39.865604 40063476 6	7.8478446 0067749	1.4885277 74810791	0.0	0.0	0.4970821 44021987 9	92.181365 96679688	55.811405 18188476 6	31.883453 36914062 5	0.0	5.5951538 0859375						4.2232213 02032471	1.3982796 66900634 8	910.0	184.605	2172	2136	2168	2022-07- 15T01:00: 58	2022-07- 15T01:37: 01	56.5	20220715-02
5920				0.8010033 36906433 1		0.0				12.865409 85107421 9		2.2685065 26947021 5						46211242	0.5742740 63110351 6		44.3329	558	554	562		2022-07- 15T01:00: 58	57.2	20220715-01
5919	reeling_ex change	710.09289 55078125	177.75907 89794922	27.787046 43249511 7	0.0	0.0	9.2507419 58618164	1460.6000 9765625	1840.6877 44140625	869.62774 65820312	0.0	130.45312 5	43.180690 76538086	1234.3436 27929687 5	1747.3336 18164062 5	664.35168 45703125	0.0		32.574443 81713867	953.8	217.497	2417	2397	2410	2022-07- 14T22:52: 12	2022-07- 14T23:32: 26	56.6	20220714-37
5918	nw_sup_c hange																			1200.0	219.905	0	2354	2366	2022-07- 14T23:32: 35	2022-07- 14T23:32: 35	57.0	
5917	nw_inf_ch ange																			963.2	219.104	0	2354	2366	2022-07- 14T23:32: 30	2022-07- 14T23:32: 30	56.7	
5916	reeling_ex change	689.34228 515625	172.35054 01611328	26.973030 09033203	0.0	0.0	8.9802684 78393555	1413.7517 08984375	1786.5809 32617187 5	846.24530 02929688	0.0	126.58881 37817382 8						32324210	31.594932 55615234 4	945.0	211.308	2375	2354	2366		2022-07- 14T22:52: 12	57.2	20220714-36
5915	reeling_ex change	668.98718 26171875	76855468	26.167875 28991699 2	0.0	0.0	2088623	5/4218/5	72200020			122.71775 81787109 4	40.643608 09326172	1155.2207 03125	1644.5983 88671875	628.58746 33789062	0.0		30.622619 62890625	939.7	214.938	2374	2363	2375	2022-07- 14T21:33: 15	2022-07- 14T22:12: 43	56.6	20220714-35
5914	reeling_ex change	647.84790 0390625	161.53765 86914062 5	25.330270 76721191 4	0.0	0.0	8.4328451 15661621	1320.9724 12109375	1679.3436 27929687 5	799.95483 3984375	0.0	118.90644 83642578 1	39.377262 11547851 6	1115.8662 109375	1593.4854 73632812 5	610.79663 0859375	0.0	89.572280 88378906	29.657241 82128906 2	953.0	221.906	2461	2443	2453	2022-07- 14T20:52: 18	14T21:33:	57.0	20220714-34
5913	nw_sup_c hange																			951.2	221.082	0	2366	2366	2022-07- 14T21:33: 05	2022-07- 14T21:33: 05	57.2	
5912	nw_inf_ch ange																			950.3	219.424	0	2366	2366	2022-07- 14T21:33: 01	2022-07- 14T21:33: 01	56.7	
5911	reeling_ex change	626.87805 17578125	156.07466 12548828	24.494489 66979980 5	0.0	0.0	8.1568450 92773438	1273.6588 13476562 5	1624.6722 41210937 5	776.35443 11523438	0.0	114.97261 04736328 1	38.057826 99584961	1075.2631 8359375	1540.7983 3984375	592.45556 640625	0.0	86.586784 36279297	28.666059 49401855 5	934.0	211.308	2374	2354	2366		2022-07- 14T20:52: 18	56.9	20220714-33

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5910	reeling_ex change	606.02929 6875	150.64363 09814453	23.665996 55151367 2	0.0	0.0	7.8867273 33068848	1227.4459 22851562 5	1571.2822 265625	753.27648 92578125	0.0	111.09381 10351562 5	36.812026 97753906	1036.1684 5703125	1490.0303 95507812 5	574.78741 45507812	0.0	83.732131 95800781	27.728643 4173584	932.2	212.059	2374	2362	2374		2022-07- 14T20:12: 49	56.8	20220714-32
5909	reeling_ex change	585.48529 05273438	145.31510 92529297	22.851264 95361328	0.0	0.0	7.6130414 00909424	1182.1699 21875	1518.9864 50195312 5	730.67321 77734375	0.0	107.38449 85961914	35.543972 01538086	997.51007 08007812	1439.8463 13476562 5	557.32391 35742188	0.0	80.815483 09326172	26.764560 69946289	939.7	211.586	2398	2390	2390	2022-07- 14T18:53: 28	2022-07- 14T19:33: 22	57.2	20220714-31
5908	nw_sup_c hange																			938.0	210.57	0	2366	2366		2022-07- 14T19:33: 12	56.7	
5907	nw_inf_ch ange																			936.6	210.123	0	222	223		2022-07- 14T19:33: 07	56.6	
5906	change	03470002	85205078			0.0				707.41625 9765625		103.49146 27075195 3	34.266395 56884765 6	958.08514 40429688	1388.7152 09960937 5	539.49554 44335938	0.0	77.891960 14404297	25.803476 33361816 4	932.7	207.688	2374	2366	2366	2022-07- 14T18:14	2022-07- 14T18:53: 28	56.8	20220714-30
5905	reeling_ex change	545.07214 35546875	134.86474 609375	21.236974 71618652 3	0.0	0.0	7.0804686 54632568	1090.2720 94726562 5	1412.8704 83398437 5	684.82055 6640625	0.0	99.777801 51367188	33.020900 72631836	919.54394 53125	1338.6254 8828125	522.05816 65039062	0.0	00027704	24.876228 33251953	935.2	209.979	2374	2367	2374	2022-07- 14T17:34: 32	2022-07- 14T18:14	56.6	20220714-29
5904	reeling_ex change	524.15783 69140625	129.44049 07226562 5	20.399793 62487793	0.0	0.0	6.8095836 6394043	1044.8442 3828125	1360.3724 36523437 5	662.14874 26757812	0.0	96.000099 1821289	31.778121 94824218 8	881.22149 65820312	1288.8936 76757812 5	504.74877 9296875	0.0	72.219619 75097656	23.934114 45617675 8	882.0	187.976	2152	2135	2146		2022-07- 14T17:34: 32	56.8	20220714-28
5903	nw_sup_c hange																			878.9	187.709	0	2366	2378		2022-07- 14T17:34: 17	57.2	
5902	nw_sup_c hange																			878.9	187.709	0	2366	2378		2022-07- 14T17:34: 17	57.2	
5901	reeling_ex change	30423007	124.55485 53466796 9	19.650037 76550293	0.0	0.0	6.5594019 88983154	1003.7967 52929687 5		641.66021 72851562	0.0	92.580139 16015625	30.645231 24694824 2	846.16369 62890625	1243.3651 12304687 5	488.90518 18847656	0.0	69.677680 96923828	23.080081 93969726 6	288.2	17.617	224	222	223		2022-07- 14T16:58: 51	57.2	20220714-27
5900	criarige	32030701	7	19.570892 33398437 5		0.0				639.28704 83398438			•	842.73913 57421875		•		77970310	0		210.766	2374	2358	2368	2022-07- 14T16:15: 31	2022-07- 14T16:54: 59	56.9	20220714-26
5899	reeling_ex change	483.03482 05566406	118.76043 70117187 5	18.750503 54003906 2	0.0	0.0	6.2713494 30084228 5	953.66546 63085938	1255.0166 015625	616.62622 0703125	0.0			804.33166 50390625				66.544181 82373047	22.040250 77819824 2	925.4	209.603	2374	2365	2375		2022-07- 14T16:15: 31	56.9	20220714-25
5898		463.48126	113.66319 27490234	17.968345 64208984 4		0.0	6.0114574 43237305	908.47833 25195312	1202.8297 11914062 5	594.08355 71289062	0.0	84.607162 47558594	28.026580 81054687 5	766.01086 42578125	1139.4318 84765625	452.69027 70996094	0.0	63.739761 35253906	21.114423 75183105 5	946.8	212.621	2421	2413	2425		2022-07- 14T15:36: 02	57.2	20220714-24
5897	nw_sup_c hange																			945.0	212.085	0	2366	2378		2022-07- 14T15:35: 55	56.8	
5896	nw_inf_ch ange																			944.1	212.482	0	2151	2167	14T15:35: 49	2022-07- 14T15:35: 49	57.2	
5895	reeling_ex change					0.0	42364502	1/5/8125	880/18/5									53662109 4	20.151111 60278320 3		206.259	2374	2366	2378		2022-07- 14T14:55: 46	57.2	20220714-23
5894				16.310554 50439453		0.0				548.31225 5859375		76.987228 39355469						5	19.183206 55822754		208.763	2374	2371	2385	14T13:36: 50	2022-07- 14T14:16: 17	56.9	20220714-22
5893	reeling_ex change	401.23956 29882812 5	97.563377 3803711	15.495202 06451416	0.0	0.0	5.1947884 55963135	771.24511 71875	1044.2972 41210937 5	525.62139 89257812	0.0	73.223312 37792969	24.249925 61340332	649.71508 7890625	988.72302 24609375	400.15710 44921875	0.0	55.114582 06176758	18.236942 29125976 6	908.0	197.438	2248	2240	2258		2022-07- 14T13:36: 50	57.2	20220714-21
5892	nw_inf_ch ange																			904.4	196.52	0	2378	2387		2022-07- 14T13:36: 33	56.7	
5891	nw_sup_c hange																			904.4	196.274	0	2378	2387	14T13:36: 32	2022-07- 14T13:36: 32	57.1	
5890				14.738960 26611328 1		0.0	63165283	99804688	07226562			69.584609 98535156						U	17.337240 21911621		192.527	2153	2151	2167	14T12:23: 37		56.9	20220714-20
5889	reeling_ex change					0.0	43835449	/14843/5	46875			44091797	7109375	577.37866 2109375	69726562	37988281		14320307	16.488409 0423584	889.0	187.976	2153	2156	2170	14T11:47: 56		56.6	20220714-19
5888				13.268378 25775146 5		0.0	12070410	537 10938	3125	462.04925 53710937 5				542.10333 25195312				20874023 4	15.615354 53796386 7	484.5	52.2214	615	612	614	14T11:02: 03		56.7	20220714-18
5887	reeling_ex change	333.18103 02734375	79.904487 60986328	12.823869 70520019 5	0.0	0.0	4.2983713 15002441	622.28479 00390625	872.23449 70703125	451.31594 84863281	0.0	60.829792 02270508	20.167974 4720459	524.23455 81054688	825.99340 8203125	343.45013 42773437 5	0.0	90014648	15.165369 98748779 3	946.8	207.965	2381	2385	2394		2022-07- 14T11:02: 03	57.0	20220714-17

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5886	nw_sup_c hange																			954.9	208.763	0	2368	2370		2022-07- 14T11:02: 11	56.7	
5885	nw_inf_ch ange																			954.9	208.754	0	2368	2370		2022-07- 14T11:02: 09	56.9	
5884				12.014819 14520263 7		0.0	4.0307769 77539062 5	576.73199 46289062	819.64947 50976562	428.59530 63964844	0.0	57.085372 92480469	18.915433 88366699 2	484.73138 42773437 5	774.75793 45703125	325.60543 82324219	0.0	62255859	14.216259 95635986 3	947.2	206.426	2374	2378	2387		2022-07- 14T10:22: 20	56.9	20220714-16
5883	reeling_ex change	292.82144 16503906	69.421371 45996094	11.239346 50421142 6	0.0	0.0	3.7758126 25885009 8	530.56439 20898438	766.35217 28515625	405.57379 15039062 (5	0.0	53.217399 59716797	17.634481 43005371	445.72872 92480469	724.26098 6328125	307.99398 80371094	0.0	40.021755 21850586	13.245531 08215332	946.3	208.429	2374	2385	2389	2022-07- 14T09:03: 09	2022-07- 14T09:42: 44	57.2	20220714-15
5882	rooling ov	271.33300 78125	63 930591	10.407953		0.0	3.4926643 37158203	483.96697 99804687 5	712.55993 65234375	382.35223 38867187 (5	0.0	49.367519 37866211	16.358379 36401367 2	406.61108 3984375	673.58587 64648438	290.30331 42089844	0.0	23291015	12.301584 24377441 4	950.8	208.009	2414	2413	2414		2022-07- 14T09:03: 09	57.1	20220714-14
5881	nw_sup_c hange																			948.5	206.498	0	2120	2117	2022-07- 14T09:02: 58	2022-07- 14T09:02: 58	56.8	
5880	nw_inf_ch ange																			948.1	206.41	0	2120	2117		2022-07- 14T09:02: 57	56.7	
5879	reeling_ex change	251.42138 671875	58.647998 80981445	9.6152019 50073242	0.0	0.0	3.2316370 01037597 7	437.63012 6953125	659.04730 22460938	359.24002 07519531	0.0	45.513629 91333008	15.092535 01892089 8	367.19635 00976562 5	622.52032 47070312	272.51644 89746094	0.0		11.332529 06799316 4	945.9	208.262	2374	2368	2370	2022-07- 14T07:43: 15	2022-07- 14T08:22: 52	57.2	20220714-13
5878	reeling_ex change	230.74183 65478515 6	53.292140 96069336	8.7876443 86291504	0.0	0.0	2.9555664 0625	392.63336 18164062 5	607.09149 16992188	336.82745 36132812 (5	0.0	41.767135 62011719						31.370365 14282226 6	10.382138 2522583	948.2	208.685	2374	2371	2377		2022-07- 14T07:43: 15	57.1	20220714-12
5877	reeling_ex change	211.18795 77636718 8	48.249225 61645508	8.0056447 98278809	0.0	0.0	2.7013139 72473144 5	347.82299 8046875	555.35601 80664062	314.49917 60253906	0.0	38.076271 05712890 6	12.613278 38897705	290.46356 20117187 5	523.07928 46679688	237.86203 00292968 8	0.0	28.507286 07177734 4	9.4317760 4675293	905.8	193.269	2179	2174	2171	2022-07- 14T06:27: 16	2022-07- 14T07:03: 39	56.6	20220714-11
5876	nw_sup_c hange																			904.0	192.305	0	2339	2385		2022-07- 14T07:03: 29	57.1	
5875	nw_sup_c hange																			904.0	192.305	0	2339	2385	2022-07- 14T07:03: 29	2022-07- 14T07:03: 29	57.1	
5874				99841309		0.0	2.4425594 80667114 3					34.622383 11767578						25.827030 18188476 6	8.5621881 48498535	894.8	189.129	2123	2120	2117		2022-07- 14T06:27: 16	57.2	20220714-10
5873	reeling_ex change	174.00746 15478515 6	38.568431 85424805	6.5307865 14282227	0.0	0.0	2.2092218 39904785	264.83782 95898437 5	459.52908 32519531	273.15103 14941406	0.0	31.234964 37072754	10.335970 87860107 4	220.15361 02294922	431.87979 12597656	206.10289 00146484 4	0.0	0201410	7.7203202 24761963		188.011	2123	2123	2120	2022-07- 14T05:16: 31	2022-07- 14T05:51: 50	57.3	20220714-09
5872	change	00017078	58154297			0.0	1.9761495 59020996					27.835958 48083496						6	6.8517994 88067627		61.4802	728	731	733	14T03:58:	2022-07- 14T05:16: 31	56.6	20220714-08
5871	reeling_ex change	137.78219 60449218 8	29.209486 00769043	5.0839791 2979126	0.0	0.0	1.7360498 90518188 5	197.19325 25634765 6	380.64132 69042969	238.72116 08886718 (8	0.0	25.575271 60644531 2	8.4838056 56433105	162.71815 49072265 6	356.38455 20019531	179.49822 99804687 5	0.0	18.931301 11694336	6.2802729 60662842	959.6	230.31	2366	2332	2378	2022-07- 14T03:19: 08	2022-07- 14T03:58: 38	57.1	20220714-07
5870	nw_sup_c hange																			968.7	231.1	0	2339	2385		2022-07- 14T03:58: 46	57.0	
5869	nw_inf_ch ange																			966.7	230.439	0	2340	2385	2022-07- 14T03:58: 41	2022-07- 14T03:58: 41	57.2	
5868	reeling_ex change	114.95947 265625	24.402774 81079101 6	4.2216429 71038818	0.0	0.0	1.4467540 97938537 6	164.02020 26367187 5	316.61959 83886719	198.54898 07128906 (2		21.281074 52392578	26287842	4	35546875	8		15.800827 02636718 8	5.2401738 16680908	961.8	230.735	2373	2339	2385		2022-07- 14T03:19: 08	56.7	20220714-06
5867	reeling_ex change	92.366806 03027344	19.606166 83959961	3.4142370 22399902 3	0.0	0.0	1.1622996 33026123	132.36816 40625	255.53509 52148437 5	160.24775 69580078	0.0	17.160392 76123047	5.7063579 55932617	108.83938 59863281 2	238.46376 03759765 6	120.02507 01904296 9	0.0	12.717394 82879638 7	4.2029666 90063477	961.3	231.28	2373	2346	2387		2022-07- 14T02:39: 31	56.9	20220714-05
5866	reeling_ex change	69.786445 61767578	14.800137 51983642 6	2.5921914 57748413	0.0	0.0	48986053		193.41807 55615234 4			12.972260 47515869 1						9.5717754 36401367	3.1667625 90408325	954.4	231.803	2350	2318	2362	2022-07- 14T01:20: 42	2022-07- 14T01:59: 56	56.9	20220714-04
5865	nw_sup_c hange																			953.4	231.468	0	2340	2385		2022-07- 14T01:59: 51	57.2	
5864	nw_inf_ch ange																			951.6	230.867	0	2338	2385		2022-07- 14T01:59: 45	57.0	
5863	reeling_ex change	47.375801 08642578	10.052764 89257812 5	1.7227746 24824524	0.0	0.0	0.5936297 17826843 3	67.819328 30810547	130.93447 87597656 2	82.139091 49169922	0.0	8.7872676 84936523	2.9228444 09942627	55.600891 11328125	121.73974 609375	61.267742 15698242	0.0	6.5000562 66784668	2.1540653 70559692 4	958.7	233.083	2373	2340	2385	2022-07- 14T00:41: 06	2022-07- 14T01:20: 42	57.0	20220714-03

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5862	reeling_ex change	24.830930 70983886 7	5.2755179 4052124	0.9155852 79464721 7	0.0	0.0	0.3153817 35563278 2	34.659866 33300781	66.917984 00878906	41.981914 52026367	0.0	4.4935193 06182861	1.4974191 18881225 6	28.568521 49963379	62.622840 88134765 6	31.494287 49084472 7	0.0	3.3800511 36016845 7	1.0903859 13848877	956.9	231.28	2373	2348	2387		2022-07- 14T00:41: 06	57.1	20220714-02
5861	reeling_ex change	2.1467664 24179077	0.4613727 62918472 3	0.0797664 67213630 68	0.0	0.0	71371150	32427978	3.9279391 76559448 2	45581054	0.0	0.2392584 23447608 95	0.0982306 59961700 44	1.6537863 01612854	3.6289584 63668823 2	1.8170514 10675048 8	0.0		0.0496754 46003675 46	958.7	232.978	2393	2359	2406		2022-07- 14T00:01: 31	56.8	20220714-01
5860	nw_sup_c hange																			956.9	232.299	0	2339	2385	2022-07- 14T00:01: 21	2022-07- 14T00:01: 21	56.6	
5859	nw_sup_c hange																			956.9	232.299	0	2339	2385		2022-07- 14T00:01: 21	56.6	
5858	reeling_ex change	794.60504 15039062	168.62940 97900390 6	29.687116 62292480 5	0.0	0.0	10.033691 40625	1063.7020 26367187 5	2049.4096 6796875	1287.5281 98242187 5	0.0	137.55003 35693359 4	45.551078 79638672	923.86297 60742188	2024.5364 99023437 5	1022.9515 38085937 5	0.0	107.41912 07885742 2	35.634590 14892578	958.6	230.624	2373	2338	2385	2022-07- 13T22:41: 57	2022-07- 13T23:21: 34	56.9	20220713-37
5857	reeling_ex change	771.44866 94335938	163.70622 25341797	28.786378 86047363 3	0.0	0.0	9.7404270 17211914	1031.5627 44140625	1987.2967 52929687 5	1248.5567 62695312 5	0.0	133.39430 23681640 6	44.151748 65722656	896.95074 46289062	1965.4934 08203125	993.22064 20898438	0.0	104.29940 03295898 4		953.4	229.435	2373	2346	2391		2022-07- 13T22:41: 57	56.7	20220713-36
5856	reeling_ex change	747.82745 36132812	158.70759 58251953	27.919178 00903320 3	0.0	0.0		1000 9919	1928.2481	1211.4635 00976562 5					1906.5161 1328125		0.0	101.17963 40942382 8	33.558647 15576172	952.0	230.933	2373	2340	2386		2022-07- 13T22:02: 22	56.7	20220713-35
5855	nw_sup_c hange																			950.8	231.063	0	2339	2385		2022-07- 13T22:02: 13	56.5	
5854	nw_inf_ch ange																			949.4	230.259	0	2347	2393		2022-07- 13T22:02: 07	57.1	
5853	reeling_ex change	724.88562 01171875	153.85491 94335937 5	27.073677 06298828	0.0	0.0	9.1532840 72875977	970.38311 76757812	1869.0828 85742187 5	1174.2404 78515625	0.0	125.45735 93139648 4	41.541931 15234375	843.07611 08398438	1847.4644 77539062 5	933.59521 484375	0.0		32.503707 88574219	954.7	231.181	2373	2339	2385		2022-07- 13T21:22: 43	56.6	20220713-34
5852	reeling_ex change	702.23809 81445312	149.03660 58349609 4	26.184658 05053711	0.0	0.0	8.8657102 58483887	939.04724 12109375	1808.5665 28320312 5	1136.1933 59375	0.0	121.38426 20849609 4	40.183170 31860351 6	816.18981 93359375	1788.5172 11914062 5	903.82086 18164062	0.0	94.878097 53417969	31.470184 32617187 5	956.0	230.735	2373	2347	2394		2022-07- 13T20:43: 08	56.8	20220713-33
5851	reeling_ex change	678.87762 45117188	144.09516 90673828	25.290418 62487793	0.0	0.0	8.5738401 41296387	908.00506 59179688	1748.6226 80664062 5	1098.5050 04882812 5	0.0	117.37984 46655273 4	38.851768 49365234 4	789.11120 60546875	1729.1789 55078125	873.81439 20898438	0.0	91.763145 44677734	30.434072 49450683 6	946.3	227.552	2336	2303	2349		2022-07- 13T20:03: 33	56.6	20220713-32
5850	nw_sup_c hange																			945.0	226.86	0	2347	2393		2022-07- 13T20:03: 25	56.8	
5849	nw_inf_ch ange																			943.2	226.496	0	2338	2385		2022-07- 13T20:03: 18	57.1	
5848	change	00429088	2	24.398208 61816406 2		0.0				25390625	0.0	113.36618 04199218 8	37.520931 24389648 4	762.44836 42578125	1670.8144 53125	844.30871 58203125	0.0		29.421243 66760254	958.6	232.47	2373	2347	2393		2022-07- 13T19:24: 33	57.2	20220713-31
5847	reeling_ex change	633.08056 640625	134.35774 23095703	23.555572 50976562 5	0.0	0.0	7.9954042 43469238	846.21337 890625	1628.9761 96289062 5	1023.2713 01269531 2	0.0	109.35594 94018554 7	36.165573 12011719	735.62902 83203125	1611.9688 72070312 5	814.60632 32421875	0.0	85.547660 82763672	4	957.0	230.903	2373	2353	2399		2022-07- 13T18:44: 55	57.3	20220713-30
5846	reeling_ex		129.47399	22.724243		0.0				985.73907 47070312		105.31099 70092773 4	34.837638 85498047	708.94104 00390625	1553.4892 578125	785.01910 40039062	0.0	82.442764 28222656	27.348974 22790527 3	941.9	223.414	2314	2281	2326		2022-07- 13T18:05: 20	57.1	20220713-29
5845	nw_sup_c hange																			940.1	222.532	0	2338	2385		2022-07- 13T18:05: 10	57.1	
5844	nw_inf_ch ange																			938.9	222.472	0	2345	2394		2022-07- 13T18:05: 04	56.9	
5843	reeling_ex change	587.19653 3203125	124.66226 95922851 6	21.899263 38195800 8	0.0	0.0	7.4165630 34057617	785.53607 17773438	1511.4841 30859375	949.41619 87304688	0.0	101.43814 08691406 2	33.560779 5715332	683.03186 03515625	1496.7988 28125	756.35583 49609375	0.0	79.395408 6303711	26.345785 14099121	954.3	228.177	2373	2338	2385		2022-07- 13T17:26: 42	56.6	20220713-28
5842	change	44140625	23852539	21.058219 90966797		0.0	7.1317019 46258545	754.05303 95507812	1450.6604 00390625	911.16644 28710938	0.0	97.369125 36621094	32.193569 18334961	656.22186 27929688	1438.0252 68554687 5	726.61645 5078125	0.0	76.284378 05175781	25.322368 62182617 2	954.7	232.161	2373	2345	2391		2022-07- 13T16:47: 05	56.9	20220713-27
5841	reeling_ex change	541.75115 96679688	115.00943 75610351 6	20.158077 23999023 4	0.0	0.0	6.8382544 51751709	720.52984 61914062	1385.8824 46289062 5	870.44165 0390625	0.0	92.998550 41503906	30.774246 21582031 2	629.17529 296875	1378.7000 73242187 5	696.60565 18554688	0.0	73.171424 86572266	24.272994 99511718 8	946.3	227.247	2336	2301	2346		2022-07- 13T16:07: 30	56.6	20220713-26
5840	nw_sup_c hange																			945.5	226.391	0	2345	2394		2022-07- 13T16:07: 22	57.0	
5839	nw_inf_ch ange																			943.7	225.799	0	2161	2195	13T16:07:	2022-07- 13T16:07: 16	56.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5838	reeling_ex change	517.86077 88085938	109.95498 65722656 2	19.228225 70800781 2	0.0	0.0	6.5432925 2243042	687.09375	1321.2781 98242187 5	829.81903 07617188	0.0	88.644439 69726562	29.335866 92810058 6	602.42358 3984375	1320.1972 65625	666.98132 32421875	0.0	70.046264 6484375	23.246898 65112304 7	958.2	232.092	2373	2345	2394	2022-07- 13T14:48: 58	2022-07- 13T15:28: 31	56.7	20220713-25
5837	reeling_ex change	494.56436 15722656	105.03062 43896484 4	18.329319 00024414	0.0	0.0	6.2485761 64245605 5	653.40539 55078125	1256.1783 44726562 5	788.92144 77539062	0.0	84.284744 26269531	27.888439 17846679 7	575.37200 92773438	1260.9241 94335937 5	637.03118 89648438	0.0	66.936149 59716797	22.196165 08483886 7	955.6	228.834	2373	2349	2398	2022-07- 13T14:09: 43	2022-07- 13T14:48: 58	56.7	20220713-24
5836	reeling_ex change	472.15463 25683594	100.26599 88403320 3	17.505615 234375	0.0	0.0	5.9601135 25390625	623.57476 80664062	1198.4964 59960937 5	752.72045 8984375	0.0	80.417304 99267578	26.606582 64160156 2	549.09173 58398438	1203.3620 60546875	607.91351 31835938	0.0		21.178592 68188476 6	930.4	219.822	2278	2244	2278	2022-07- 13T13:32: 01	2022-07- 13T14:09: 43	57.1	20220713-23
5835	nw_sup_c hange																			926.5	219.782	0	2161	2195	2022-07- 13T14:09: 33	2022-07- 13T14:09: 33	56.7	
5834	nw_inf_ch ange																			925.2	219.192	0	2340	2384	2022-07- 13T14:09: 27	2022-07- 13T14:09: 27	57.1	
5833	reeling_ex change	449.85363 76953125	95.520126 34277344	16.691261 29150390 6	0.0	0.0	5.6807308 19702148	595.11413 57421875	1143.4785 15625	718.11273 19335938	0.0	76.728965 75927734					0.0	60.935798 64501953	20.213844 29931640 6	912.8	207.584	2193	2161	2195	2022-07- 13T12:55: 46	2022-07- 13T13:32: 01	56.9	20220713-22
5832	criarige	428.76260 37597656	0000000	6		0.0	5.4177279 47235107	566.99151 61132812	1089.1009 52148437 5	683.93029 78515625	0.0	73.117095 94726562						58.087596 89331055	19.250637 05444336	923.4	210.002	2193	2164	2206	2022-07- 13T12:19: 36	2022-07- 13T12:55: 46	57.3	20220713-21
5831	reeling_ex change	407.71014 40429687 5	86.559921 26464844	15.064513 20648193 4	0.0	0.0				650.43798 828125		69.516601 5625							18.315105 43823242 2	444.8	42.0871	466	454	463	13111.29	2022-07- 13T12:19: 36	56.8	20220713-20
5830		396.21600 34179687 5				0.0	5.0031423 56872559	528.44024 65820312	1014.5510 86425781 2	637.12689 20898438	0.0	68.106369 01855469	22.520101 54724121	465.11581 42089844	1019.5230 10253906 2	514.96813 96484375	0.0	54.107192 99316406	17.935352 32543945 3	946.8	222.98	2315	2282	2326	2022-07- 13T10:50: 42	2022-07- 13T11:29	57.1	20220713-19
5829	nw_sup_c hange																			793.1	225.023	0	2340	2384	2022-07- 13T11:29: 22	2022-07- 13T11:29: 22	57.0	
5828	nw_inf_ch ange																			847.7	224.643	0	2339	2383	2022-07- 13T11:29: 16	2022-07- 13T11:29: 16	56.5	
5827	change	374.74645 99609375	70003469	8		0.0	5	90191400	89453125			64.340911 86523438						49121094	16.946723 93798828	960.4	229.1	2373	2340	2384	27	13T10:50: 42	57.0	20220713-18
5826	change	352.17648 31542969	2000000	2		0.0	4.4487476 34887695	469.08151 24511719	900.17999 26757812	565.30676 26953125	0.0	60.405105 59082031							15.932872 77221679 7	963.1	230.525	2373	2345	2390	13	13T10:11: 27	56.7	20220713-17
5825	reeling_ex change	329.65856 93359375	69.974227 90527344	12.105480 19409179 7	0.0	0.0	4.1608157 15789795	438.89135 7421875	841.93505 859375	528.71411 1328125	0.0	56.535633 0871582	18.671222 68676757 8	385.90725 70800781	846.07000 73242188	427.27148 4375	0.0	44.845657 34863281	14.894725 79956054 7	964.4	232.088	2385	2349	2392	46	13T09:32: 13	56.6	20220713-16
5824	nw_sup_c hange																			962.2	230.276	0	2339	2383	04	13T09:32: 04	57.1	
5823	nw_inf_ch ange																			960.9	229.587	0	2342	2385	57	13T09:31: 57	57.2	
5822	change	306.97949 21875	01855469	60913086		0.0	3/3/1826	97558594	36523438			-		5	787.56683 34960938	J			13.861235 61859130 9	963.9	228.932	2373	2339	2383	31	13T08:52: 46	57.0	20220713-15
5821		284.70922 8515625				0.0				455.69998 16894531		48.684398 65112305						38.665363 31176758	2	964.9	229.268	2374	2344	2386	18	13T08:13: 31	56.6	20220713-14
5820	reeling_ex change	262.06707 76367187 5	55.589527 13012695	9.5805349 34997559	0.0	0.0	3.3134517 66967773 4	348.36978 14941406	667.69482 421875	419.32495 1171875	0.0	44.814132 69042969	14.834008 21685791	306.39605 71289062 5	671.97839 35546875	339.29110 71777344	0.0	35.622043 60961914	11.822859 76409912 1	965.3	227.67	2378	2345	2390	57	13T07:34: 18	56.8	20220713-13
5819	nw_sup_c hange																			964.4	227.282	0	2342	2385	13	13T07:34: 13	56.7	
5818	nw_inf_ch ange																			963.1	226.699	0	2340	2384	07	13T07:34: 07	57.0	
5817		239.48754 8828125				0.0				382.88320 92285156		40.874637 60375976 6						30615234 4	10.771384 23919677 7		228.247	2373	2342	2385	43	13T06:54: 57	56.7	20220713-12
5816	criarige	U	4	5		0.0				346.34902 95410156		25830078	314/583	96435547	554.29577 63671875	9140625			9.7528772 35412598		231.002	2373	2345	2387	29	13T06:15: 43	56.7	20220713-11
5815	reeling_ex change	194.08944 70214843 8	41.120918 27392578	7.0252733 23059082	0.0	0.0	2.4530370 23544311 5	256.74093 62792969	493.06317 13867187 5	309.76654 05273437 5	0.0	33.103725 43334961	10.962025 64239502	226.20108 03222656 2	496.22509 765625	250.55162 04833984 4	0.0	26.239522 93395996	8.7136859 89379883	911.1	205.916	2142	2113	2153	2022-07- 13T05:01: 02	2022-07- 13T05:36: 29	56.7	20220713-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5814	nw_sup_c hange																			909.8	204.937	0	2340	2384		2022-07- 13T05:36: 24	57.0	
5813	nw_inf_ch ange																			908.4	204.353	0	2341	2384	2022-07- 13T05:36: 18	2022-07- 13T05:36: 18	56.9	
5812	reeling_ex change	11120010	51391601	6.2632036 20910644 5	0.0	0.0	2.1816253 66210937 5	229.45892 33398437 5	440.77853 39355469	276.96084 59472656	0.0	29.548566 81823730 5	9.8159914 01672363	202.23880 00488281 2	443.67382 8125	224.01290 89355468 8	0.0	23.500095 36743164	7.7965817 45147705	961.3	226.165	2373	2340	2384		2022-07- 13T05:01: 02	57.1	20220713-09
5811	reeling_ex change	150.86828 61328125	31.905624 38964843 8	5.4688239 09759521 5	0.0	0.0				240.98915 10009765 6		5	1041740	176.12541 19873047	010	2		20.434135 43701172	6.8063101 76849365	305.3	16.9923	205	202	206	2022-07- 13T04:18: 24	2022-07- 13T04:21: 54	56.7	20220713-08
5810	reeling_ex change	2	81860351 6	46466064 5		0.0				237.78446 96044922		25.393114 08996582	8.4261236 1907959	173.66017 15087890 6	381.03546 14257812 5	192.37760 92529297	0.0	20.179176 33056640 6	6.7070269 58465576	963.6	228.443	2373	2345	2387		2022-07- 13T04:18: 24	56.8	20220713-07
5809	reeling_ex change	126.13135 52856445 3	26.657917 02270507 8	4.5875015 25878906	0.0	0.0	1.5916455 9841156	166.64471 43554687 5	320.71456 90917969	201.56976 31835937 5	0.0			147.40707 39746093 8				17.121078 49121093 8	5.6860275 26855469	960.0	229.169	2407	2374	2419	2022-07- 13T02:59: 22	2022-07- 13T03:39: 10	56.7	20220713-06
5808	nw_sup_c hange																			957.8	227.652	0	2341	2385		2022-07- 13T03:38: 59	57.0	
5807	nw_sup_c hange																			957.8	227.652	0	2341	2385	2022-07- 13T03:38: 59	2022-07- 13T03:38: 59	57.0	
5806	reeling_ex change	U		3.7439329 62417602 5		0.0	1.2957428 69377136 2	136.72740 17333984 4	263.18420 41015625	165.45330 81054687 5	0.0	17.670106 88781738 3	5.8589591 97998047	120.80158 23364257 8	265.07641 6015625	133.86010 7421875	0.0	13.991506 57653808 6	4.6665034 29412842	952.5	225.716	2373	2341	2384		2022-07- 13T02:59: 22	56.8	20220713-05
5805	reeling_ex change	80.602844 23828125	17.028335 57128906 2	2.9254546 16546631	0.0	0.0				129.19554 13818359 4		13.752221 10748291	4.5884003 63922119	94.471435 546875	207.28533 93554687 5	104.69537 35351562 5	0.0	10.931972 50366211	3.6417217 25463867	960.4	224.29	2373	2346	2391	2022-07- 13T01:40: 53	2022-07- 13T02:20: 07	56.7	20220713-04
5804	reeling_ex change	58.658191 6809082	12.385295 86791992 2	2.1127059 45968628	0.0	0.0	0.7414534 68799591 1	76.991447 44873047	148.27873 22998047	93.261520 38574219	0.0	9.9620704 6508789	3.3242108 82186889 6	68.343109 13085938	149.97895 81298828	75.758392 33398438	0.0		2.6386451 72119140 6	956.9	226.191	2374	2339	2386		2022-07- 13T01:40: 53	56.6	20220713-03
5803	nw_sup_c hange																			953.8	225.61	0	2341	2385	2022-07- 13T01:40: 47	2022-07- 13T01:40: 47	56.8	
5802	nw_inf_ch ange																			953.0	224.918	0	2238	2285		2022-07- 13T01:40: 42	57.0	
5801		35.777290 34423828			0.0	0.0	78307724	99975586	96191406			6.1009092 33093262	2.0396385 19287109 4	41.881072 99804687 5	91.861808 77685547	46.431980 13305664	0.0	4.8278169 63195801		955.6	226.165	2374	2341	2385		2022-07- 13T01:01: 36	57.2	20220713-02
5800	reeling_ex change	12.918219 56634521 5	2.7203655 24291992	0.4659843 74284744 26	0.0	0.0	0.1643794 62599754 33	17.473682 40356445 3	33.690341 94946289	21.187873 84033203	0.0			15.385375 02288818 4	33.758907 31811523 4	17.062412 26196289	0.0	48893737	0.5989240 40794372 6	957.4	223.439	2373	2350	2396		2022-07- 13T00:22: 22	56.8	20220713-01
5799	reeling_ex change	873.68243 40820312	70.377105 71289062	28.620975 49438476 6	0.0	0.0	9.8233718 87207031	1673.6486 81640625	1678.7539 0625	965.72308 34960938	0.0	134.86236 57226562 5	44.677246 09375	1421.4283 44726562 5	1678.5217 28515625	751.31915 28320312	0.0	103.14610 29052734 4	34.121593 4753418	997.5	245.166	2568	2530	2580	2022-07- 12T23:00: 40	2022-07- 12T23:43: 07	57.1	20220712-38
5798	nw_sup_c hange																			994.8	244.101	0	2238	2285		2022-07- 12T23:42: 55	57.2	
5797	nw_inf_ch ange																			993.9	243.52	0	2235	2280	2022-07- 12T23:42: 49	2022-07- 12T23:42: 49	56.6	
5796	reeling_ex change	848.28332 51953125	65.004928 58886719	27.705894 47021484 4	0.0	0.0	9.4989252 0904541	1641.4266 35742187 5	1616.4995 1171875	926.58593 75	0.0	00010020	10100001	1392.8051 7578125	5	00000 100			33.008495 33081055	939.0	218.15	2273	2238	2285		2022-07- 12T23:00: 40	56.6	20220712-37
5795	reeling_ex change	826.56909 1796875	60.399303 4362793	26.876827 23999023 4	0.0	0.0	9.2272567 74902344	1612.5407 71484375	1560.6198 73046875	891.49481 20117188	0.0	126.93773 65112304 7						96.825767 51708984	32.022224 42626953	938.9	218.311	2273	2243	2291		2022-07- 12T22:23: 05	56.6	20220712-36
5794	reeling_ex change	805.00421 14257812	55.806549 07226562 5	26.064086 9140625	0.0	0.0	8.9542732 23876953	1583.9095 45898437 5	1505.1875	856.61877 44140625	0.0	123.19944 76318359 4	40.816162 109375	1341.4978 02734375	1503.0601 80664062 5	662.71545 41015625	0.0	93.837905 88378906	31.031728 74450683 6	925.2	216.431	2256	2219	2264	12T21:08:	2022-07- 12T21:45: 31	56.8	20220712-35
5793	nw_sup_c hange																			923.4	215.493	0	2235	2280		2022-07- 12T21:45: 22	57.1	
5792	nw_inf_ch ange																			922.1	215.067	0	2270	2276		2022-07- 12T21:45: 16	56.6	
5791	reeling_ex change	782.83776 85546875	51.079273 22387695	25.267364 50195312 5	0.0	0.0	8.6751918 79272461	1555.1896 97265625	1449.6204 83398437 5	821.69110 10742188	0.0	119.45111 84692382 8	39.572162 62817383	1316.4488 52539062 5	1447.9588 62304687 5	634.89093 01757812	0.0	90.905677 79541016	30.059572 21984863 3	928.5	222.848	2273	2235	2280	2022-07- 12T20:30: 44	2022-07- 12T21:08: 15	56.6	20220712-34

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5790	reeling_ex change	762.00872 80273438	46.646747 58911133	24.458843 23120117 2	0.0	0.0	112/929/	4609375	41790875			115.68902 58789062 5	38.327228 54614258	1290.6741 94335937 5	1391.0952 1484375	606.30908 203125	0.0	87.898300 17089844	29.061069 48852539	934.4	221.745	2273	2239	2284	2022-07- 12T19:53: 19	2022-07- 12T20:30: 44	56.7	20220712-33
5789	reeling_ex change	739.33819 58007812	41.829490 66162109 4	23.575656 89086914	0.0	0.0	8.1267375 94604492	1497.2060 546875	1337.2767 33398437 5	751.04882 8125	0.0	49145507	37.082603 45458984 4	1264.9746 09375	1334.5964 35546875	577.78424 07226562	0.0	84.902275 08544922	28.066787 71972656 2	451.1	35.4123	388	388	393		2022-07- 12T19:53: 19	56.7	20220712-32
5788	nw_inf_ch ange																			176.8	0.276192	0	2350	2345		2022-07- 12T18:31: 25	4.9	
5787	reeling_ex change	726.46911 62109375	39.265037 53662109 4	23.101749 42016601 6	0.0	0.0	69750977	4700020	/18/5						-			83.822631 8359375	27.744735 71777343 8	921.7	213.22	2325	2270	2276	2022-07- 12T17:51: 48	2022-07- 12T18:30: 13	48.8	20220712-31
5786	change	00040025	48095703			0.0	7.6840410 23254394 5	1436.1036 37695312 5	1273.0985 10742187 5	713.80175 78125	0.0	8	4	1212.6146 24023437 5	5	96679688	0.0	80.968666 07666016	26.775413 51318359 4	932.2	216.583	2393	2336	2342		2022-07- 12T17:51: 48	56.7	20220712-30
5785	reeling_ex change	674.48736 57226562	36.536567 68798828	21.449172 97363281 2	0.0	0.0	7.3976612 09106445	1384.3757 32421875	1227.1994 62890625	688.05657 95898438	0.0	102.91620 63598632 8	34.105087 28027344	1168.4855 95703125	1226.6623 53515625	528.48406 98242188	0.0	77.983329 77294922	25.797508 23974609 4	933.6	214.644	2393	2348	2354	2022-07- 12T16:33: 34	2022-07- 12T17:12: 41	56.8	20220712-29
5784	reeling_ex change	649.61340 33203125	35.226417 54150390 6	20.665197 37243652 3	0.0	0.0	7.1204175 94909668	1333.1542 96875	1181.7465 8203125	662.54132 08007812	0.0	99.103027 34375	32.855529 78515625	1123.9423 828125	1181.8195 80078125	508.34310 91308594	0.0	75.001693 72558594	24.843891 14379882 8	931.8	216.095	2331	2290	2285		2022-07- 12T16:33: 34	56.8	20220712-28
5783	nw_sup_c hange																			929.6	214.189	0	2350	2345	2022-07- 12T16:33: 25	2022-07- 12T16:33: 25	57.3	
5782	nw_inf_ch ange																			928.7	213.627	0	2350	2342	2022-07- 12T16:33: 20	2022-07- 12T16:33: 20	56.6	
5781	reeling_ex change	623.56408 69140625	33.856853 48510742	19.836885 45227050 8	0.0	0.0	6.8349585 53314209	1281.7354 73632812 5	1136.1120 60546875	636.94439 69726562	0.0	95.306709 28955078	31.578086 85302734 4	1080.7725 83007812 5	1138.0029 296875	488.79766 84570312 5	0.0	72.148437 5	23.887109 75646972 7	949.0	220.742	2393	2350	2345	2022-07- 12T15:15: 34	2022-07- 12T15:55: 05	57.1	20220712-27
5780	reeling_ex change	597.71038 81835938	32.489475 25024414	19.019491 19567871	0.0	0.0	6.5532493 59130859	1229.2542 72460937 5	1089.5567 62695312 5	610.82611 08398438	0.0	91.396423 33984375	30.270336 15112304 7	1036.9226 07421875	1092.7364 50195312 5	468.96633 91113281	0.0	69.176055 90820312	22.903022 76611328	959.6	219.178	2393	2352	2346	2022-07- 12T14:36: 04	2022-07- 12T15:15: 34	57.2	20220712-26
5779	reeling_ex change	570.93682 86132812	31.085634 23156738 3	18.177698 13537597 7	0.0	0.0	6.2600889 20593262	1177.1538 0859375	1043.3234 86328125	584.89990 234375	0.0	87.490997 31445312	29.000738 1439209	993.25683 59375	1047.0037 84179687 5	449.23196 41113281	0.0	66.263565 06347656	21.960517 88330078	947.1	213.363	2362	2319	2311	2022-07- 12T13:57: 04	2022-07- 12T14:36: 04	57.1	20220712-25
5778	nw_sup_c hange																			944.9	212.963	0	2228	2218		2022-07- 12T14:35: 52	56.7	
5777	nw_inf_ch ange																			944.0	212.06	0	2228	2218	2022-07- 12T14:35: 48	2022-07- 12T14:35: 48	57.0	
5776	change	544.82995 60546875	38623047	6		0.0	43475342	92578125	84960938		0.0	83.648628 23486328	27.726688 38500976 6	949.58831 78710938	1000.9825 43945312 5	429.48733 52050781	0.0	63.352104 18701172	20.987319 94628906 2	957.8	219.934	2394	2350	2342		2022-07- 12T13:57: 04	57.2	20220712-24
5775	onango	•	7	16.550859 45129394 5		0.0	5.6989269 2565918	1073.0473 6328125	950.95928 95507812	533.10430 90820312	0.0	87695312	61706543	905.62048 33984375	49414062	5		7403000			219.556	2394	2356	2348	2022-07- 12T12:38: 05	2022-07- 12T13:17: 34	57.0	20220712-23
5774	reeling_ex change	493.07019 04296875	26.928125 38146972 7	15.713893 89038086	0.0	0.0	5.4047179 22210693	1020.1279 296875	904.03558 34960938	506.78057 86132812 5	0.0	75.775451 66015625	25.113174 43847656 2	861.77288 81835938	908.33251 953125	389.76141 35742187 5	0.0	57.489715 57617187 5	19.060316 08581543	948.2	213.339	2294	2257	2248	12	12T12:38: 05	56.6	20220712-22
5773	nw_sup_c hange																			942.4	211.203	0	2228	2218	2022-07- 12T12:37: 49	2022-07- 12T12:37: 49	57.1	
5772	nw_inf_ch ange																			941.5	210.639	0	2353	2346		2022-07- 12T12:37: 43	57.0	
5771	change	468.86526 48925781	04602050 8	14.950815 20080566 4		0.0	5					72.068397 52197266						54.657005 31005859 4	25732422	939.7	209.961	2263	2228	2218	12T11:22: 50	2022-07- 12T12:00: 12	56.6	20220712-21
5770				14.184621 81091308 6		0.0				457.07672 11914062 5		68.374992 37060547						24829101	17.203296 66137695 3	945.5	208.835	2263	2226	2223	34	12T11:22: 50	56.9	20220712-20
5769				13.419034 95788574 2		0.0				432.49639 89257812 5		8383789	77319336	735.73968 50585938	68359375	86230469		92822265 6	16.270296 09680175 8	271.6	11.1888	150	149	148	2022-07- 12T10:43: 06	2022-07- 12T10:45: 34	56.8	20220712-19
5768				13.349419 59381103 5		0.0	4.5871520 04241943	867.27111 81640625	768.49285 88867188	430.72167 96875	0.0	64.460334 77783203						85766601 6	16.218332 29064941 4		12.6903	166	164	163	12T10:40:	2022-07- 12T10:43: 06	56.9	20220712-18
5767	reeling_ex change	416.43740 84472656	22.713191 98608398 4	13.289950 37078857 4	0.0	0.0	4.5624456 40563965	863.31890 86914062	764.99700 92773438	428.76263 42773437 5	0.0	64.168365 47851562	21.244483 94775390 6	729.95318 60351562	769.21850 5859375	330.09701 53808594	0.0	48.677040 10009765 6	16.140386 5814209	969.7	219.337	2379	2339	2331	12T10:00:	2022-07- 12T10:40: 16	56.8	20220712-17

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5766	nw_inf_ch ange																			967.0	216.668	0	2356	2344		2022-07- 12T10:40: 01	56.8	
5765	nw_sup_c hange																			966.6	216.243	0	2356	2344	12T10:40	2022-07- 12T10:40	57.1	
5764	criarige	391.52972 41210937 5	4	9		0.0	4.2898440 36102295	810.85491 94335938	718.46881 10351562	402.67706 29882812 5	0.0	60.269931 79321289	19.951416 015625	685.62384 03320312	722.46661 37695312	310.05792 23632812 5	0.0		15.175375 93841552 7	973.2	223.682	2394	2353	2346		2022-07- 12T10:00: 59	57.2	20220712-16
5763	reeling_ex change	366.30099 48730469	19.956083 29772949 2	11.712105 75103759 8	0.0	0.0	4.0083093 64318848	758.35882 56835938	671.92443 84765625	376.58737 18261719	0.0	56.366378 78417969	18.658983 23059082	641.00457 76367188	070.20004	289.84613 03710937 5	0.0	03213007	7		222.968	2394	2360	2351	2022-07- 12T08:41: 58	2022-07- 12T09:21: 27	56.7	20220712-15
5762	rooling ov	341.08731 07910156	18.572797			0.0	3.7346885 20431518 6	705.06042 48046875	624.69525 14648438	350.10421 75292969	0.0	52.387821 19750976 6	17.336647 03369140 6	596.76947 02148438	628.46575 92773438	269.84149 16992187 5	0.0	39.778610 22949219	13.219013 21411132 8	953.6	215.165	2296	2258	2247		2022-07- 12T08:41: 58	57.2	20220712-14
5761	nw_sup_c hange																			949.9	213.483	0	2356	2346	2022-07- 12T08:41: 42	2022-07- 12T08:41: 42	56.6	
5760	nw_inf_ch ange																			949.4	211.186	0	2356	2346		2022-07- 12T08:41: 38	56.6	
5759	reeling_ex change	316.17846 6796875	17.202768 32580566 4	10.128001 21307373	0.0	0.0	3.4628560 54306030 3	654.58447 265625	579.96813 96484375	325.02761 84082031	0.0	48.635940 55175781	16.113779 06799316 4	553.71716 30859375	582.94488 52539062	250.37715 14892578	0.0	36.935764 31274414	12.253312 11090087 9	975.9	222.663	2394	2356	2344	2022-07- 12T07:24: 32	2022-07- 12T08:04: 03	57.2	20220712-13
5758		290.18103 02734375			0.0	0.0	3.1775479 31671142	602.34558 10546875	533.66735 83984375	299.07574 46289062	0.0		14.838945	509.28790 28320312 5					11.282671 92840576 2	980.3	222.59	2394	2361	2347	2022-07-	2022-07- 12T07:24: 32	57.1	20220712-12
5757		264.74459 83886719				0.0				273.12640 38085937 5	0.0	40.819351 19628906					0.0		10.306004 52423095 7	964.9	218.939	2344	2307	2297	2022-07-		56.6	20220712-11
5756	nw_sup_c hange						,			ŭ			_						,	963.5	218.37	0	2356	2346	2022-07-	2022-07- 12T06:44: 56	56.9	
5755	nw_inf_ch ange																			962.7	217.896	0	2356	2344	2022-07- 12T06:44:		56.6	
5754	reeling_ex	240.04960 63232422	13.015747 0703125	7.7046017 64678955	0.0	0.0	2.6270122 52807617	498.34460 44921875	441.49273 68164062	247.41957 09228515	0.0	37.016029 35791015 6	12.281360 62622070	421.02090 45410156	442.97058 10546875	190.34378 05175781	0.0	28.071077 34680175	9.3217697 14355469	979.3	224.228	2394	2356	2346	2022-07- 12T05:26:	2022-07- 12T06:06:	56.7	20220712-10
5753		214.44081 11572265	11.620064 73541259	6.9027557 37304687	0.0	0.0				220.99215 69824218 8	0.0	33.044124 60327148 4					0.0	25.031312 94250488	8 3204421	981.6	225.488	2394	2363	2353		12T05:26:	57.2	20220712-09
5752	reeling_ex	6 189.36962 890625	10.244615	6.1082649	0.0	0.0	2.0745098	392.11584		194.64245		4 29.134263 99230957						3 22.054241 18041992 2		956.9	217.585	2326	2290	2274	12T04:08:	49 2022-07- 12T04:47:	57.0	20220712-08
5751	nw_sup_c		55456557	25055705			0300000	47200020	00170701	00040073		33200301	73002012	5	20	6		2	3171032	955.6	216.92	0	2356	2344	54 2022-07- 12T04:47:	20 2022-07- 12T04:47:	56.7	
5750	nw_inf_ch																			954.3	216.513	0	2354	2348		13 2022-07- 12T04:47:	56.8	
5749	reeling_ex	163.67936	8.8572492	5.2844429	0.0	0.0	1.7910596 13227844	340.35989	301.41009 52148437	168.88845 82519531 2	0.0	25.284435 27221679	8.3652296	286.89938	301.69711	129.69479 37011718	0.0		6.3498539	973.2	226.484	2394	2356	2344	07 2022-07- 12T03:29:	07 2022-07- 12T04:08:	56.8	20220712-07
5748	change	70654297 137.70910 64453125	5994873	01611328		0.0	4 5000004	007 07504	5 254.36293 02978515		0.0	7 21.313796 99707031 2	00020410	33449219	3037 1094	8		16.102367	92462158 5.3548479 08020019			2394	2358	2346	24 2022-07-	54 2022-07- 12T03:29:		20220712-06
5747						0.0		5	6	42329291		17.337020 87402343 8						7	5		215.37		2239	2234	55 2022-07-	24		20220712-05
	change	8	0123291	11730957	0.0	0.0	8	39111328	6	4	J.U	8	85852051	00341797	6	30273438	0.0	9	91271973						18 2022-07-	55 2022-07-		20220112-03
5746	ange																			946.3	214.446		2359	2349	40 2022-07-			
5745	hange		4.7422685	2 8202462			0.9557510	181.91021	160.93099	90.185508		13.476706	4 4752007	152 90440	160.74496	60 000242		10.192072	3.3886315 82260132	946.3	213.993		2359	2349	38 2022-07-	12T02:49: 38 2022-07-		
5744		87.571655 2734375 61.320228				0.0	2	5	8	72002734		13.476706 50482177 7						8			227.03	2394	2354	2348	12T01:32: 47 2022-07-	12T02:12: 18	57.0	20220712-04
5743						0.0	5	4	5	05566406		9.4861059 18884277							2.3988831 04324341		227.337	2394	2360	2349	12T00:53: 17	12T01:32: 47		20220712-03
5742	reeling_ex change	35.235748 29101562	1.9043527 84156799	1.1098012 92419433	0.0	0.0	0.3830869 49586868	74.457954 40673828	65.844047 54638672	36.884727 47802734	0.0	5.5089974 40338135	1.8375152 34947204	62.230899 81079101	65.436645 5078125	28.117500 30517578	0.0	4.1751356 12487793	1.3853485 58425903	965.7	222.888	2349	2315	2305	2022-07- 12T00:14:	2022-07- 12T00:53:	57.0	20220712-02

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5742	reeling_ex change	5	3	6	0.0	0.0	3		65.844047 54638672	4	0.0	5.5089974 40338135	6	6	65.436645 5078125	28.117500 30517578	0.0	4.1751356 12487793	3	965.7	222.888	2349	2315	2305	29	17	57.0	20220712-02
5741	nw_sup_c hange																			964.4	223.312	0	2360	2353	2022-07- 12T00:53: 11	2022-07- 12T00:53: 11	57.0	
5740	nw_inf_ch ange																			963.9	223.283	0	2360	2353		2022-07- 12T00:53: 09	56.7	
5739	reeling_ex change	9.8671474 45678711	0.5416314 00585174 6	0.3183426 85699462 9	0.0	0.0	54205799 1	42419433 6		29766845 7		1.5200953 48358154 3	0.5195677 28042602 5		18.138977 05078125	7.7948842 04864502	0.0		0.3748884 79709625 24	976.8	226.694	2394	2359	2349	2022-07- 11T23:34: 59	2022-07- 12T00:14: 29	56.9	20220712-01
5738	reeling_ex change	874.65557 86132812	46.942802 42919922	28.382518 76831054 7	0.0	0.0	9.5863752 3651123	1746.7532 95898437 5	1546.8641 35742187 5	866.45489 50195312	0.0	129.87338 25683593 8	42.969013 21411133	1454.3383 7890625	1530.0490 72265625	657.04199 21875	0.0	97.059646 60644531	32.124553 68041992	982.1	226.791	2394	2363	2353		2022-07- 11T23:34: 59	57.2	20220711-36
5737	reeling_ex change	848.39190 67382812	45.518394 47021484 4	27.520914 07775879	0.0	0.0	9.3033046 72241211	1693.1289 0625	1499.3820 80078125	839.87274 16992188	0.0	125.88589 47753906 2	41.664237 97607422	1409.0622 55859375	1482.4708 25195312 5	636.59863 28125	0.0	94.062828 06396484	31.148750 30517578	971.0	221.748	2352	2319	2312	2022-07- 11T22:16: 38	2022-07- 11T22:55: 28	56.7	20220711-35
5736	nw_sup_c hange																			969.3	220.871	0	2360	2353	11T22:55: 20	2022-07- 11T22:55: 20	56.7	
5735	nw_inf_ch ange																			968.4	221.404	0	2353	2352	14	11T22:55: 14	57.3	
5734	change	14048438	75208555			0.0	91503906	34375	1452.0400 390625	7421875		121.90258 7890625						91.069381 71386719	8		228.29	2394	2360	2353	11T21:37: 08	2022-07- 11T22:16: 38	57.1	20220711-34
5733				25.811832 42797851 6		0.0			1404.3074 95117187 5			117.90186 30981445 3						00007012		978.5	226.959	2394	2362	2354	2022-07- 11T20:57: 38	2022-07- 11T21:37: 08	57.1	20220711-33
5732	reeling_ex change	770.53436 27929688	41.304161 07177734 4	24.960290 90881347 7	0.0	0.0	8.4430971 14562988	1531.5897 21679687 5	1356.5032 95898437 5	759.87396 24023438	0.0	113.91460 41870117 2	37.676380 1574707	1273.2489 01367187 5	1339.7524 4140625	575.24188 23242188	0.0	84.996009 82666016	28.150197 98278808 6	939.3	216.661	2299	2261	2260	11T20:19: 39	2022-07- 11T20:57: 38	56.6	20220711-32
5731	nw_sup_c hange																			937.0	215.704	0	2353	2352	2022-07- 11T20:57: 27	2022-07- 11T20:57: 27	56.6	
5730	nw_inf_ch ange																			935.8	216.435	0	2353	2354		2022-07- 11T20:57: 20	56.6	
5729	reeling_ex change	746.08258 05664062	39.959217 0715332	24.190515 51818847 7	0.0	0.0	8.1782131 19506836	1479.7302 24609375	1310.5697 02148437 5	734.17669 67773438	0.0	110.04537 20092773 4	36.409626 00708008	1230.1882 32421875	1294.4739 99023437 5	555.79437 25585938	0.0	82.180534 36279297	27.177581 78710937 5	957.8	226.202	2394	2353	2352	2022-07- 11T19:40: 08	2022-07- 11T20:19: 39	56.8	20220711-31
5728				23.386457 44323730 5		0.0	7.8932480 81207275	1426.5189 20898437 5	1263.4367 67578125	707.79687 5	0.0	106.04531 09741211						79.159591 67480469	26.189291 00036621	963.1	226.412	2394	2356	2353	11T19:00: 39	2022-07- 11T19:40: 08	56.9	20220711-30
5727	reeling_ex change	694.54943 84765625	37.133598 32763672	22.558506 01196289	0.0	0.0	7.6083917 61779785	1373.4636 23046875	1216.4357 91015625	681.47863 76953125	0.0	102.15378 57055664	33.800228 11889648 4	1140.1815 18554687 5	1199.8013 91601562 5	515.13592 52929688	0.0	76.148010 25390625	25.213972 09167480 5	971.6	222.354	2379	2339	2340	23	11T19:00: 39	56.9	20220711-29
5726	nw_inf_ch ange																			966.6	221.47	0	544	542	11T19:00: 24	2022-07- 11T19:00: 24	56.8	
5725	nw_sup_c hange																			966.2	221.168	0	544	542	23	11T19:00: 23	56.8	
5724	criarige	10742100	0324707			0.0			1169.2028 80859375			98.152473 44970703	32.480781 55517578	1095.4013 671875	1152.6802 97851562 5	494.89974 97558594	0.0	73.138404 8461914	24.204401 01623535	966.8	226.508	2393	2353	2354	11T17:41: 51	2022-07- 11T18:21: 23	56.7	20220711-28
5723	reeling_ex change					0.0	7.0285716 05682373	1265.7069 09179687 5	1120.9527 58789062 5	627.99829 1015625	0.0	94.084228 515625	31.144235 61096191 4	1049.6258 54492187 5	1104.4208 984375	474.20599 36523437 5	0.0	70.127128 60107422	23.212774 2767334	976.3	226.106	2394	2356	2350	28	11T17:41: 51	57.0	20220711-27
5722	reeling_ex change	615.02270 5078125	32.802177 42919922	19.924087 52441406 2	0.0	0.0	6.7359676	1212.8337	1074.1550 29296875	601.77984		90.158134 46044922	29.859483 71887207	1005.2905 2734375	1057.6942 13867187 5	454.14480 59082031	0.0	67.115631 10351562	22.224927 90222168	581.8	79.5429	871	856	856	11T16:48: 05	2022-07- 11T17:02: 28	57.3	20220711-26
5721	nw_sup_c hange																			578.7	78.5389	0	544	542	11T17:02: 17		56.9	
5720	nw_inf_ch ange																			577.0	78.067	0	2352	2345		2022-07- 11T17:02: 12	57.0	
5719	reeling_ex change	605.95758 05664062	32.294586 18164062 5	19.638219 83337402 3	0.0	0.0			1056.6520 99609375			88.720100 40283203	76100055	404373	00330023	5		66.027244 5678711	21.834661 48376465	505.7	50.3017	551	544	542	2022-07- 11T13:26: 04	2022-07- 11T16:48: 05	56.6	20220711-25
5718				17.761663 43688965		0.0	6.0103669 16656494	1137.3179 93164062	1007.1873 77929687	564.25976 5625	0.0	84.565177 91748047	27.984016 41845703	942.47125 24414062	991.55810 546875	425.75408 93554687	0.0	62.907428 74145508	20.817880 63049316	594.3	85.1186	914	898	895	2022-07- 11T13:10:	2022-07- 11T13:26:	56.6	20220711-24

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5718		548.80578 61328125		17.761663 43688965		0.0	6.0103669 16656494	5		564.25976 5625		84.565177 91748047	27.984016 41845703	942.47125 24414062	991.55810 546875	5	0.0	62.907428 74145508	4	594.3	85.1186	914	898	895	56	04	56.6	20220711-24
5717	reeling_ex change	538.96203 61328125	28.684547 42431640 6	17.434309 00573730 5	0.0	0.0	5.9024391 17431641	1115.5704 34570312 5	987.92053 22265625	553.44354 24804688	0.0	82.916305 54199219	27.445619 58312988 3	924.74676 51367188	972.90771 484375	417.77359 00878906	0.0	77978515	20.451828 00292968 8	962.2	224.942	2394	2353	2346	2022-07- 11T12:31: 35	2022-07- 11T13:10: 56	56.8	20220711-23
5716	reeling_ex change	512.72814 94140625	27.283967 97180175 8	16.566114 42565918	0.0	0.0	5.6150407 79113769 5	1060.1607 66601562 5	938.85632 32421875	525.95477 29492188	0.0	78.790184 0209961	26.089225 76904297	879.49987 79296875	925.13391 11328125	397.31219 48242187 5	0.0		19.434169 76928711	962.2	224.847	2394	2358	2347		2022-07- 11T12:31: 35	57.1	20220711-22
5715	reeling_ex change	486.47863 76953125	25.871046 06628418	15.748952 86560058 6	0.0	0.0	5.3297181 12945557	1004.2698 97460937 5	889.34368 89648438	498.18386 84082031	0.0	74.630805 96923828	24.702220 91674804 7	834.43090 8203125	877.60766 6015625	376.95751 953125	0.0	55.736370 08666992	18.446697 23510742 2	911.1	202.593	2152	2113	2109	2022-07- 11T11:16: 49	2022-07- 11T11:52: 14	56.7	20220711-21
5714	nw_sup_c hange																			908.4	201.536	0	2352	2345	11T11:52: 01	2022-07- 11T11:52: 01	56.7	
5713	nw_inf_ch ange																			907.1	200.679	0	2352	2351		2022-07- 11T11:51: 54	56.7	
5712	cnange	462.67739 86816406	80432129	8		0.0	5	5546875	78010020	473.13168 33496094					834.24664 30664062			53.002071 38061523 4	17.543191 90979004	960.4	226.484	2393	2352	2345	11T10:37: 19	2022-07- 11T11:16: 49	56.7	20220711-20
5711	oriango	436.29406 73828125	7 107 0000	8		0.0				444.92108 15429687 5		20011328	2779541	5/4218/5	786.25708 0078125	75488281		49.952629 08935547	16.517551 42211914	905.2	226.791	2393	2357	2346	55	11T10:37: 19	56.7	20220711-19
5710	change		6	9		0.0	6361084	7421875	58007812						738.37951 66015625			46.894809 72290039	93505859	294.3	14.6544	182	181	179	11T09:54: 49	2022-07- 11T09:57: 55	57.2	20220711-18
5709	reeling_ex change	407.97268 67675781	21.668994 90356445 3	13.186802 86407470 7	0.0	0.0	4.4687447 5479126	835.91577 1484375	740.29162 59765625	414.63650 51269531	0.0	62.121795 65429687 5	20.557437 89672851 6	698.60595 703125	734.38311 76757812	315.62985 22949219	0.0	46.640968 32275390 6		939.7	217.639	2288	2245	2244	02	11T09:54: 49	57.1	20220711-17
5708	nw_inf_ch ange																			935.8	216.28	0	2354	2344	11T09:54: 28	2022-07- 11T09:54: 28	56.8	
5707	nw_sup_c hange																			935.3	216.024	0	2354	2344	2022-07- 11T09:54: 27	2022-07- 11T09:54: 27	57.2	
5706	reeling_ex change	382.02304 07714844	20.275913 23852539	12.360533 71429443 4	0.0	0.0	4.1821975 70800781	781.68835 44921875	692.30426 02539062	387.73873 90136719	0.0	58.147068 02368164	19.227043 15185547	655.33245 84960938	688.67010 49804688	296.09182 73925781	0.0	43.793952 94189453	14.489681 24389648 4	965.6	227.673	2394	2352	2351		2022-07- 11T09:17: 02	56.6	20220711-16
5705	change	355.67926 02539062 5	2	7		0.0				360.56781 00585937 5					640.68908 69140625			40.751537 32299805	13.482863 42620849 6	969.2	226.959	2393	2360	2351		2022-07- 11T08:37: 31	56.6	20220711-15
5704	reeling_ex change	329.32406 61621094	17.440101 62353515 6	10.673758 50677490 2	0.0	0.0	3.6054625 51116943 4	672.58428 95507812	595.75970 45898438	333.67419 43359375	0.0	50.050487 51831055	16.532419 20471191 4	564.55584 71679688	592.95465 08789062	255.10438 53759765 6	0.0		12.472654 34265136 7	971.6	218.347	2309	2270	2259	11T07:19: 54	2022-07- 11T07:58: 02	56.9	20220711-14
5703	nw_sup_c hange																			967.0	217.579	0	2354	2344	54	11T07:57: 54	57.1	
5702	nw_inf_ch ange																			965.7	216.278	0	2354	2343	11T07:57: 48	2022-07- 11T07:57: 48	56.9	
5701		303.68188 4765625				0.0	02/19116	43359375	44335938						546.63763 42773438			34.775485 99243164			225.057	2394	2354	2344	2022-07- 11T06:40: 23	2022-07- 11T07:19: 54	57.0	20220711-13
5700		277.26727 29492187 5				0.0				280.75253 29589844		1 10 10002	0.000000	0.0.20		2		18847656 2	10.477853 77502441 4	978.9	227.03	2394	2361	2351	11T06:00: 54	2022-07- 11T06:40: 23	56.8	20220711-12
5699	reeling_ex change	250.96322 63183593 8	13.239454 26940918	8.1745100 0213623	0.0	0.0	2.7433049 67880249	511.17758 17871094	453.03701 78222656	253.75366 2109375	0.0	38.093250 2746582	12.564049 72076416	429.29559 32617187 5	450.39105 22460937 5	193.94621 27685547	0.0	28.661214 82849121	9.4759550 0946045	961.8	224.012	2368	2329	2317	53	11T06:00: 54	57.3	20220711-11
5698	nw_sup_c hange																			959.1	223.769	0	2354	2343	11T06:00: 41		56.7	
5697	nw_inf_ch ange																			958.2	223.452	0	2356	2346	2022-07- 11T06:00: 36	11T06:00:	57.1	
5696		223.29019 16503906 2				0.0	3	70000701	70203331						53027344			45524707	8.4810886 38305664		224.301	2394	2354	2343	2022-07- 11T04:42: 26	2022-07- 11T05:21: 53	57.2	20220711-10
5695	reeling_ex change	196.53742 98095703	10.334234 23767089 8	6.4562811 85150146 5	0.0	0.0	4	0073	5	199.71534 72900390 6					354.06604 00390625			22.565883 63647461	7.4636259 07897949	973.7	226.694	2394	2358	2348		2022-07- 11T04:42: 26	56.6	20220711-09
5694	reeling_ex change	169.49218 75	8.9151697 15881348	5.5953989 02893066	0.0	0.0	1.8573577	346.39978	307.20941	172.09736 63330078	0.0	25.844312 66784668	8.5162124 63378906	291.13024 90234375	304.96896 36230469	131.52821 35009765	0.0	19.450176 23901367	6.4459328 65142822	966.2	229.737	2362	2323	2313	2022-07- 11T03:23:	2022-07- 11T04:02:	57.2	20220711-08

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5694	reeling_ex change	169.49218 75		5.5953989 02893066	0.0	0.0	7	346.39978 02734375	5	172.09736 63330078	0.0			291.13024 90234375		6	0.0	2	6.4459328 65142822	966.2	229.737	2362	2323	2313	55	56	57.2	20220711-08
5693	nw_sup_c hange																			964.4	228.848	0	182	181	2022-07- 11T04:02: 47	2022-07- 11T04:02: 47	56.7	
5692	nw_inf_ch ange																			963.5	228.453	0	182	181	2022-07- 11T04:02: 43	2022-07- 11T04:02: 43	56.8	
5691	reeling_ex change	142.39816 28417968 8	7.4960074 42474365	4.7131543 15948486	0.0	0.0	1.5621170 99761963	290.64877 31933594	257.82974 24316406	144.43463 13476562 5	0.0	21.676074 98168945 3	29144287	40283203	51855469	4		16.335508 34655761 7		978.5	229.046	2394	2356	2346	2022-07- 11T02:44: 25	2022-07- 11T03:23: 55	56.8	20220711-07
5690				3.8411486 14883423		0.0	1.2596647 7394104	234.86659 24072265 6	208.36669 921875	116.71521 75903320 3	0.0	17.513236 99951172	5.7489323 61602783	197.55442 81005859 4	206.49888 61083984 4	89.231239 31884766	0.0	13.157023 42987060 5	4.3671679 49676514	972.3	230.515	2394	2360	2348	2022-07- 11T02:04: 57	2022-07- 11T02:44: 25	56.9	20220711-06
5689				2.9682259 55963134 8		0.0	0.9662560 82057952	179.10943 60351562	158.91096 49658203	89.041511 53564453	0.0	13.405741 69158935 5						10308837	3.3266313 07601928 7	921.7	200.817	2081	2047	2035	2022-07- 11T01:30: 41		56.8	20220711-05
5688	nw_sup_c hange																		•	916.3	199.64	0	182	181	2022-07-		57.1	
5687	nw_inf_ch ange																			915.5	199.232	0	2352	2353	2022-07- 11T02:04: 39		56.8	
5686	reeling_ex change	63.961349 48730469	3.3665568 82858276	2.1393499 37438965	0.0	0.0	0.6989507 07912445	130.44429 01611328	115.73954 77294921	64.846656 7993164	0.0				114.30358 88671875		0.0	7.3443884 84954834	2.4341800 21286010	299.5	15.4749	185	182	181	2022-07-		56.7	20220711-04
5685				2.0473952 29339599 6		0.0				62.368885 0402832		9.3542289 73388672	3.0689616 20330810 5	105.72542 57202148	110.33866 88232421	47.755695 34301758	0.0	7.0890340 80505371	2.3576047 42050171	977.6	232.587	2394	2356	2348		2022-07- 11T01:27: 31	56.7	20220711-03
5684				1.1170207 26203918 5		0.0	0.3704348	00.450047		24 202255		5.1739430 42755127						3.8988080 02471924	1.3076527 11868286	977.2	231.229	2394	2359	2349	2022-07- 11T00:08:	2022-07- 11T00:48	56.8	20220711-02
5683		6.7940826 41601562	0.3602038 02585601			0.0	0.0714305 86278438	40.400070	11.709568 97735595		0.0	0.9997780 91907501	0.3241987 82444000	44 222420	11.828230 85784912		0.0		0.2558695 07789611 8	964.4	227.458	2341	2298	2301	2022-07-		56.8	20220711-01
5682	nw_sup_c hange	3		72				_	,				24		•			-	·	963.1	226.768	0	2352	2353	2022-07-		56.6	
5681	nw_inf_ch ange																			961.8	226.176	0	276	275	2022-07-		56.7	
5680	reeling_ex change	902.12902 83203125	99.031852 72216797	31.016874 31335449 2	0.0	0.0	4	5	00200120			144.73844 90966797	47.993358 61206055	1489.4100 34179687 5	1763.1610 10742187 5	846.58984 375	0.0	110.23519 89746093 8	36.516559 60083008	981.0	230.949	2394	2352	2353	2022-07-		56.8	20220710-38
5679	reeling_ex change	874.74176 02539062	97.592926 02539062	30.117397 30834961	0.0	0.0	10.121884 3460083	1699.9079 58984375	1740.4082 03125	1067.5135 49804687 5	0.0	140.54415 89355468 8						107.05384 82666015 6		979.9	231.972	2394	2355	2355	2022-07- 10T22:10: 51	2022-07- 10T22:50: 20	57.1	20220710-37
5678	reeling_ex change	846.98529 05273438	96.127151 48925781	29.205326 08032226 6	0.0	0.0	9.8205385 20812988	1643.4470 21484375	1690.2377 9296875	1039.3891 6015625	0.0	136.34030 15136718 8	45.191768 64624023 4	30132012	1663.6549 07226562 5	803.41735 83984375	0.0		34.391937 25585937 5	883.3	192.755	1985	1950	1942	2022-07- 10T21:38: 10	2022-07- 10T22:10: 51	57.0	20220710-36
5677	nw_sup_c hange																			881.1	191.668	0	2354	2342	2022-07- 10T22:10: 39	2022-07- 10T22:10: 39	56.9	
5676	nw_inf_ch ange																			880.2	190.864	0	2354	2342	2022-07- 10T22:10: 36	2022-07- 10T22:10: 36	57.2	
5675	reeling_ex change	823.37701 41601562	94.877861 02294922	28.404977 79846191 4	0.0	0.0	9.5585813 52233887	1596.5628 66210937 5	1648.8049 31640625	1016.1624 75585937 5	0.0	132.85000 61035156 2	44.039314 27001953	1354.6204 83398437 5	1622.7955 32226562 5	785.67303 46679688	0.0	101.24722 29003906 2	33.549858 09326172	353.7	25.0364	282	276	275	2022-07- 10T21:32: 22	2022-07- 10T21:38: 10	56.5	20220710-35
5674	reeling_ex change	820.09692 3828125	94.715843 2006836	28.292179 10766601 6	0.0	0.0	0 5257201	1588.6514	1641.8187	1012.2761 84082031 2		132.25776	43.863716	1347.3691	1615.2124 0234375		0.0	48339843	33.370906 82983398 4	970.1	232.321	2394	2358	2343	2022-07- 10T20:52: 51		57.0	20220710-34
5673	reeling_ex change	792.14434 81445312	93.228500 36621094	27.349988 93737793	0.0	0.0			1591.8123 77929687 5	984.23852 5390625	0.0	128.11457 82470703	42.485378 26538086	1299.7503 66210937 5	1565.7021 484375	760.83166 50390625	0.0	97.531829 83398438	32.318077 08740234 4	980.0	230.403	2394	2358	2343		2022-07- 10T20:52: 51	56.8	20220710-33
5672	reeling_ex change	764.17413 33007812	91.750106 81152344	26.421152 11486816 4	0.0	0.0				956.30444 3359375		123.91683 19702148 4							31.259788		232.491	2400	2360	2351	2022-07- 10T19:33:	2022-07- 10T20:13: 22	57.2	20220710-32
5671	nw_sup_c hange																			966.6	230.935	0	2354	2342	2022-07-	2022-07- 10T20:13: 10	57.2	
5670	nw_inf_ch ange																			965.3	230.179	0	2355	2341		2022-07- 10T20:13:	56.8	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5670	nw_inf_ch ange																			965.3	230.179	0	2355	2341	05	05	56.8	
5669	reeling_ex change	736.79687 5	90.291961 66992188	25.489955 90209961	0.0	0.0	8.6076507 56835938	1420.0163 57421875	1492.4448 2421875	928.55102 5390625	0.0			1203.7142 33398437 5				91.130821 22802734	30.201173 78234863 3	970.7	230.781	2393	2354	2342	2022-07- 10T18:54: 12	2022-07- 10T19:33: 43	56.6	20220710-31
5668	reeling_ex change	709.06024 16992188	88.819931 03027344	24.549043 65539550 8	0.0	0.0	8.3038654 32739258	1363.5339 35546875	1442.3929 44335937 5	900.49682 6171875	0.0	115.57758 33129882 8		1156.0635 98632812 5	1416.6589 35546875	695.90344 23828125	0.0	87.942405 7006836	29.148021 69799804 7	961.8	231.061	2393	2358	2344		2022-07- 10T18:54: 12	56.8	20220710-30
5667	reeling_ex change	682.10852 05078125	87.375030 51757812	23.633663 17749023 4	0.0	0.0	8.0095357 89489746	1308.3543 70117187 5	1393.4577 63671875	873.05810 546875	0.0	111.48536 68212890 6	36.942134 85717773 4	1108.9454 34570312 5	1367.6284 1796875	674.60095 21484375	0.0	84.816696 16699219	28.093032 83691406 2	934.9	229.036	2355	2318	2304		2022-07- 10T18:14: 43	57.0	20220710-29
5666	nw_sup_c hange																			933.1	228.05	0	2355	2341		2022-07- 10T18:14: 34	57.1	
5665	nw_inf_ch ange																			931.8	226.333	0	2359	2333	2022-07- 10T18:14:		57.1	
5664	reeling_ex change	655.40826 41601562	85.954765 31982422	22.763759 61303711	0.0	0.0	7.7189984 32159424	1254.8126 22070312	1345.9754 63867187	846.44165 0390625	0.0	107.44970 703125	35.645225 52490234	1063.8764 6484375	1320.7031 25	654.23260 49804688	0.0	81.817741 39404297	27.109571 45690918	936.6	222.968	2393	2355	2341	2022-07- 10T16:56:		56.7	20220710-28
5663	reeling_ex change	628.90722 65625	84.596046 4477539	21.918878 55529785	0.0	0.0				820.01208 49609375		103.51782	34.323024		1273.9428	633.93719		78.814323 42529297	26.117078 78112793	963.9	223.209	2394	2356	2342	2022-07- 10T16:16:		57.1	20220710-27
5662	reeling_ex change	603.59832 76367188	83.297340 3930664	21.103498 45886230	0.0	0.0				793.63177 49023438		99.592895 5078125	33.011634 82666015	974.10528 56445312	1227.1818 84765625	613.64221 19140625	0.0	75.819213 8671875	25.140729 90417480 5	943.2	214.767	2313	2278	2256	2022-07- 10T15:38:		56.6	20220710-26
5661	nw_sup_c hange			3				3	J				0						3	941.1	213.73	0	2359	2333	2022-07- 10T16:16:		57.0	
5660	nw_inf_ch ange																			939.7	213.165	0	2360	2330	2022-07- 10T16:16:		57.2	
5659	reeling_ex change	578.91876 22070312	82.022377 01416016	20.308923 72131347	0.0	0.0	6.8812718 39141846	1097.2763 671875	1206.2459 71679687	768.10620 1171875	0.0	95.715065 0024414		930.35522 4609375			0.0	72.943473 81591797	24.163328 17077636	966.4	222.212	2394	2359	2333	2022-07- 10T14:59:		57.2	20220710-25
5658	reeling_ex	552.57244		19.479047	0.0	0.0				742.05432 12890625				885.52624 51171875			0.0	69.933113	23.181022 64404297	961.3	222.212	2394	2360	2341	2022-07- 10T14:19:		56.7	20220710-24
5657	reeling_ex change	527.03344 7265625	79.351898 19335938	18.651351 92871093	0.0	0.0	6.3146953	992.59564		716.07122		87.958038 33007812	29.170230 86547851	841.17596 43554688	1089.2725 83007812	553.57244 87304688	0.0	66.992279 05273438	22.205448 15063476 6	943.7	216.558	2334	2301	2268	2022-07- 10T13:41:		56.6	20220710-23
5656	nw_sup_c hange																			941.9	215.709	0	2360	2330	2022-07- 10T14:19:		56.7	
5655	nw_inf_ch ange																			940.6	215.144	0	2136	2115	2022-07- 10T14:19:		56.9	
5654	reeling_ex change	500.72549 43847656	78.013710 02197266	17.807437 89672851	0.0	0.0	6.0277738 57116699	940.91729 73632812	1067.5523 68164062	690.37182 6171875	0.0	84.100769 04296875	27.886547 08862304	797.58032 2265625	1043.7624 51171875	533.87878 41796875	0.0	64.118202 20947266	21.231899 26147461	955.6	222.212	2393	2360	2330	2022-07- 10T13:01:		57.0	20220710-22
5653	reeling_ex	475.26049	76.701080	16.989446 64001465	0.0	0.0				664.11645 5078125		80.177314 75830078						61.118267 05932617	20.255926 13220215	960.9	222.212	2394	2360	2336	2022-07- 10T12:22:		57.1	20220710-21
5652	reeling_ex change	447.85934 44824219	75.262176 51367188	16.114103 31726074 2	0.0	0.0	5.4447512	835.82342		638.18060		76.320678 7109375	25.315286	708.73114	951.32116	493.72534			19.259243 01147461	950.3	217.5	2343	2301	2278	2022-07-		57.3	20220710-20
5651	nw_sup_c hange			_																949.0	216.84	0	2136	2115	2022-07- 10T12:21:		57.1	
5650	nw_inf_ch ange																			948.1	216.369	0	2375	2384	2022-07- 10T12:21:		56.7	
5649	-	423.36315 91796875	73.935317 99316406	15.324695 58715820 3	0.0	0.0	5.1809735 29815674	785.15557 86132812	929.51000 9765625	613.03485 10742188	0.0	72.587944 03076172	24.064092 6361084	664.99334 71679688	905.55291 74804688	473.98623 65722656	0.0	55.283493 04199219	18.289577 48413086	918.1	200.396	2173	2136	2115	2022-07-	2022-07- 10T11:43:	57.2	20220710-19
5648				14.567320 82366943 4		0.0	4.9217762 94708252	737.52172 8515625	887.28350 83007812	589.38964 84375	0.0	69.022079 46777344	22.885370 2545166	624.69067 3828125		455.75823 97460937 5	0.0	52.630111 69433594	17.409383 77380371	925.2	202.813	2173	2136	2115	2022-07-	2022-07- 10T11:07:	57.0	20220710-18
5647	reeling_ex	375.32385	71.269966	13.779859 54284668	0.0	0.0	4.6566181 18286133	690.30786 1328125	845.42474 36523438	565.95648 19335938	0.0	65.555862 42675781					0.0	49.959022 52197265 6	16.533849 71618652	478.1	44.597	492	482	487	2022-07- 10T09:25:		57.0	20220710-17
5646	reeling_ex change	353.25424 19433594	69.903121 94824219	13.047235 48889160	0.0	0.0	4.4102010 72692871	660.50335 69335938	818.51049 8046875	550.66577 1484375	0.0	63.312629	20.992292		795.36755	426.00976			15.953750 61035156	978.9	243.481	2353	2335	2344		2022-07- 10T09:25:	56.9	20220710-16

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5646		353.25424 19433594		2	0.0	0.0	4.4102010 72692871	660.50335 69335938	818.51049 8046875	550.66577 1484375	0.0	63.312629 69970703	5	559.80523 68164062	795.36755 37109375	426.00976 5625	0.0	48.263015 74707031	2	978.9	243.481	2353	2335	2344	18	09	56.9	20220710-16
5645	nw_sup_c hange																			176.0	244.575	0	2375	2384	2022-07- 10T09:25: 20	2022-07- 10T09:25: 20	57.1	
5644	nw_inf_ch ange																			989.5	243.945	0	2380	2384		2022-07- 10T09:25: 15	57.2	
5643	reeling_ex change	329.72845 45898437 5	65.242103 57666016	12.193199 15771484 4	0.0	0.0	4.1150565 1473999	613.49493 40820312	760.24554 44335938	511.42773 4375	0.0	58.799903 86962890 6	19.478958 12988281 2	522.70629 8828125	740.88720 703125	397.75622 55859375	0.0	45.064559 93652344	14.914179 80194091 8	988.2	245.596	2394	2375	2384	2022-07- 10T08:06: 47	2022-07- 10T08:46: 18	57.0	20220710-15
5642	reeling_ex change	305.71151 73339844	60.490314 48364258	11.288757 32421875	0.0	0.0	3.8149971 96197509 8	566.03765 86914062	701.38116 45507812	471.81936 64550781	0.0	54.211135 86425781	17.976135 25390625	484.51327 51464844	684.96252 44140625	368.68493 65234375	0.0	41.739353 17993164	13.820794 10552978 5	986.5	246.04	2394	2377	2385	10T07:27:	2022-07- 10T08:06: 47	56.7	20220710-14
5641	reeling_ex change	280.54077 1484375	55.504367 82836914	10.351470 94726562 5	0.0	0.0	3.5025091 17126465	518.73498 53515625	642.62329 1015625	432.31265 25878906	0.0	49.672512 05444336	16.481763 83972168	446.21499 63378906	628.91375 73242188	339.54519 65332031	0.0	22070312	12.727023 12469482 4	979.8	243.263	2370	2357	2361		2022-07- 10T07:27: 17	57.3	20220710-13
5640	nw_sup_c hange																			978.5	242.638	0	2380	2384	10T07:27: 10	2022-07- 10T07:27: 10	57.2	
5639	nw_inf_ch ange																			977.6	242.117	0	2379	2388	2022-07- 10T07:27: 05	2022-07- 10T07:27: 05	56.8	
5638	change	256.92593 38378906	09007909	42553711		0.0	3.2074363 23165893 6	01021094	41013023	5		45.363159 1796875	15.038495 06378173 8	408.52609 25292969	573.86730 95703125	310.91500 85449219	0.0	35.175334 93041992	1		248.78	2394	2380	2384	10T06:08: 37	2022-07- 10T06:48: 08	57.0	20220710-12
5637		232.53060 91308593 8				0.0	2.8987662 79220581	296875	890625	6015625	0.0	41.001316 07055664	13.601111 41204834	370.17013 54980469	517.80187 98828125	281.70861 81640625	0.0	31.867670 0592041	10.536356 92596435 5	982.5	247.136	2394	2380	2387	2022-07- 10T05:29: 07	2022-07- 10T06:08: 37	57.2	20220710-11
5636	reeling_ex change	207.53588 8671875	41.049217 22412109 4	7.6596546 1730957	0.0	0.0	2.5923583 50753784	383.44879 15039062 5	474.74444 58007812 5	319.35699 46289062 5	0.0	36.733631 1340332					0.0	28.570734 02404785	9.4695253 37219238	982.5	248.168	2396	2382	2390		2022-07- 10T05:29: 07	57.3	20220710-10
5635	nw_inf_ch ange																			979.8	246.738	0	2195	2198	2022-07- 10T05:28: 55	2022-07- 10T05:28: 55	56.7	
5634	nw_sup_c hange																			979.4	246.423	0	2195	2198		2022-07- 10T05:28: 53	56.8	
5633	reeling_ex change	183.68121 33789062 5	36.317832 94677734 4	6.7791857 71942139	0.0	0.0	2.2915985 58425903 3	338.20132 44628906	418.91696 16699219	281.82427 97851562 5	0.0	32.390716 55273437 5	10.747217 17834472 7	293.51007 08007812 5	406.35751 34277344	223.36187 74414062 5	0.0	25.284997 94006347 7	8.3574123 38256836	980.7	245.976	2394	2379	2388	2022-07- 10T04:10: 03	2022-07- 10T04:49: 34	56.6	20220710-09
5632		159.57788 0859375				0.0	1.9883787 63198852 5	292.22167 96875	362.19418 33496094	243.67434 69238281 2	0.0	27.996511 45935058 6	30120000	20200012	3230010	194.11444 09179687 5	0.0	21.933950 42419433 6	7.2756023 40698242	978.1	247.241	2394	2382	2391		2022-07- 10T04:10: 03	56.6	20220710-08
5631		134.76144 40917968 8	26.642696 38061523 4	5.0015840 53039551	0.0	0.0	1.6782461 40480041 5	246.10678 10058593 8	305.23181 15234375	205.34066 77246093 8	0.0	23.609560 01281738 3	7.8421463 96636963	215.69645 69091797	295.30682 37304687 5	164.16279 60205078	0.0	18.587833 40454101 6	6.1365423 20251465	956.0	241.242	2285	2275	2278	2022-07- 10T02:52: 50	2022-07- 10T03:30: 34	57.2	20220710-07
5630	nw_sup_c hange																			953.8	240.276	0	2368	2376		2022-07- 10T03:30: 24	56.7	
5629	nw_inf_ch ange																			953.0	239.754	0	2368	2376	2022-07- 10T03:30: 20	2022-07- 10T03:30: 20	56.8	
5628	reeling_ex change	110.57929 22973632 8	21.859642 02880859 4	4.1094522 47619629	0.0	0.0	1.3764547 10960388 2	201.99049 37744140 6	250.59150 69580078	168.59742 73681640 6		19.357894 89746093 8					0.0	15.227643 01300048 8	5.0558834 07592773	937.1	231.244	2203	2195	2198		2022-07- 10T02:52: 50	56.6	20220710-06
5627	reeling_ex change	87.305953 97949219	17.270059 58557129	3.2226111 8888855	0.0	0.0	1.0920820 23620605 5	159.53631 59179687 5	197.94670 10498047	133.18978 88183593 8	0.0	15.284218 78814697 3	5.0686192 51251221	140.86854 55322265 6	192.34208 67919922	107.20016 47949218 8	0.0	12.059986 11450195 3		307.0	30.0765	310	309	310		2022-07- 10T02:16: 34	57.4	20220710-05
5626	criarige	84.694526 67236328	5	7		0.0	1.0549459 45739746	153.52462 76855468 8	190.48959 35058593 8	128.16127 01416015 6	0.0	14.743376 73187255 9	3793335	55419922	5	6		11.607040 40527343 8	3.8416349 8878479	975.4	249.571	2384	2375	2380	10T01:32:	2022-07- 10T02:11: 20	56.8	20220710-04
5625	reeling_ex change	59.397785 18676758	11.762025 83312988 3	2.2337851 52435302 7	0.0	0.0	0.7375899 55329895	107.90459 44213867 2	133.86416 62597656 2	90.069572 44873047	0.0	10.346906 66198730 5	3.4475240 70739746	95.208023 07128906	129.94482 421875	72.456039 42871094	0.0	8.1705007 55310059	2.7190141 67785644 5	966.2	244.525	2333	2320	2329		2022-07- 10T01:32: 01	57.1	20220710-03
5624	nw_sup_c hange																			965.3	244.419	0	2368	2376	10T01:31:	2022-07- 10T01:31: 54	56.7	
5623	nw_inf_ch ange																			963.9	243.886	0	2358	2369	10T01:31:	2022-07- 10T01:31: 49	56.6	
5622	reeling_ex change	34.201335 90698242	6.7770605 08728027	1.2621122 59864807	0.0	0.0	0.4218304 15725708	62.968940 73486328	78.129547 11914062	52.589626 31225586	0.0	6.0062198 63891602	2.0197508 33511352	55.767658 23364258	76.128646 85058594	42.441635 13183594	0.0	4.7362432 4798584	1.5764495 13435363	973.4	250.075	2384	2368	2376	2022-07- 10T00:14:	2022-07- 10T00:53:	56.7	20220710-02

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5622	change	34.201335 90698242	08728027	1	0.0	0.0	15/25/08	73486328	78.129547 11914062	31225586			5	55.767658 23364258	85058594	13183504	0.0	4.7362432 4798584	8	973.4	250.075	2384	2368	2376	09	29	56.7	20220710-02
5621	reeling_ex change	9.3351078 03344727	1.8575905 56144714 4	0.3275323 80819320 7	0.0	0.0	0.1133793 44344139 1	17.113838 19580078	21.260461 80725097 7	14.307302 47497558 6	0.0	1.6426484 58480835	0.5426994 56214904 8	15.400605 20172119 1	21.072601 31835937 5	11.739669 79980468 8	0.0		0.4240235 68630218 5	966.3	249.677	2384	2367	2379	2022-07- 09T23:34: 56	2022-07- 10T00:14: 09	56.7	20220710-01
5620	reeling_ex	782.78033 44726562	180.40303	30.189025		0.0	10.039994 23980712 9	1578.6821 2890625	1876.9125 9765625	1008.4039 91699218 8	0.0109312 00347840 786	139.57408 14208984 4	46.124637 60375976 6	1354.3072 50976562 5	1819.7431 640625	787.90356 4453125	0.0		35.598358 15429687 5	980.3	255.272	2436	2415	2431	2022-07- 09T22:54: 51	2022-07- 09T23:34: 56	56.7	20220709-38
5619	nw_sup_c hange																			977.2	256.169	0	2358	2369	2022-07- 09T23:34: 39	2022-07- 09T23:34: 39	56.8	
5618	nw_inf_ch ange																			976.3	255.419	0	2077	2094	09T23:34:	2022-07- 09T23:34: 34	57.2	
5617	reeling_ex change	756.64129 63867188	175.23976 13525390 6	29.180042 26684570 3	0.0	0.0	9.7177314 75830078	1531.0944 82421875	1817.7572 02148437 5	968.58007 8125	0.0109312 00347840 786	134.99607 84912109 4	44.611068 72558594	1313.1918 9453125	1763.2763 671875	756.60327 1484375	0.0	50146484	34.433189 39208984 4	961.8	250.472	2374	2358	2369	2022-07- 09T22:15: 48	2022-07- 09T22:54: 51	56.9	20220709-37
5616	reeling_ex change	731.80169 67773438	170.33387 75634765 6	28.217189 78881836	0.0	0.0	9.4069051 74255371	1484.8157 95898437 5	1760.2308 34960937 5	929.86767 578125	0.0109312 00347840 786	130.50004 57763672	43.139968 87207031	1272.9266 35742187 5	1707.7452 39257812 5	725.97857 66601562	0.0	100.14853 66821289	33.278717 04101562 5	962.2	249.116	2374	2364	2376	2022-07- 09T21:36: 44	2022-07- 09T22:15: 48	56.8	20220709-36
5615	reeling_ex change	706.97479 24804688	165.43672 18017578	27.294143 67675781 2	0.0	0.0	9.0949430 46569824	1437.5827 63671875	1701.5224 609375	890.37835 69335938	0.0109312 00347840 786	125.97601 31835937 5	41.621135 71166992	1232.9542 23632812 5	1652.0587 15820312 5	695.55206 29882812	0.0	96.727119 44580078	32.131225 5859375	929.1	230.876	2199	2180	2197	2022-07- 09T21:00: 30	2022-07- 09T21:36: 44	56.9	20220709-35
5614	nw_sup_c hange																			926.5	229.511	0	2388	2405	09T21:36:	2022-07- 09T21:36: 32	56.8	
5613	nw_inf_ch ange																			925.6	229.084	0	2388	2405	2022-07- 09T21:36: 28	2022-07- 09T21:36: 28	56.7	
5612		683.68719 48242188				0.0			1647.7985 83984375									93.517547 60742188	31.086994 17114257 8	899.6	217.157	2091	2077	2094	2022-07- 09T20:26: 08	2022-07- 09T21:00: 30	57.2	20220709-34
5611	reeling_ex change	660.75109 86328125	156.33836 36474609 4	25.616647 72033691 4	0.0	0.0	8.5187683 10546875	1353.6279 296875	1597.2491 45507812 5	820.13739 01367188	0.0109312 00347840 786	117.89166 25976562 5	38.951564 78881836	1161.0417 48046875	1551.5631 10351562 5	640.85137 93945312	0.0	90.534042 35839844	30.068958 28247070 3	382.7	33.1867	351	350	353	2022-07- 09T20:17: 14	2022-07- 09T20:26: 08	56.7	20220709-33
5610	reeling_ex change	656.64941 40625	155.53025 81787109 4	25.459295 27282715	0.0	0.0	8.4724969 8638916	1346.9422 60742187 5	1588.9212 64648437 5	814.51629 63867188	0.0109312 00347840 786	117.24407 19604492 2	38.750957 48901367	1155.1212 15820312 5	1543.2811 27929687 5	636.35406 49414062	0.0		29.916267 39501953	945.0	242.618	2323	2314	2330	09T19:39:	2022-07- 09T20:17: 14	56.7	20220709-32
5609	reeling_ex change	632.52325 43945312	150.80445 86181640 6	24.593355 17883300 8	0.0	0.0	8.1712570 19042969	1302.5701 90429687 5	1533.8007 8125	777.39831 54296875	0.0109312 00347840 786	112.92545 31860351 6	37.326053 61938476 6	1116.5633 54492187 5	1489.2700 1953125	606.99639 89257812	0.0	86.721580 5053711	28.798053 74145507 8	288.4	15.4206	174	174	176	2022-07- 09T19:36: 05	2022-07- 09T19:39: 03	57.0	20220709-31
5608	reeling_ex change	630.02386 47460938	150.31636 04736328	24.504346 84753418	0.0	0.0	8.1344738 0065918	1299.1514 89257812 5	1529.5587 15820312 5	774.54455 56640625	0.0109312 00347840 786	112.62875 36621093 8	37.226139 06860351 6	1113.7260 7421875	1485.3159 1796875	604.85357 66601562	0.0		28.721939 08691406 2	951.2	243.827	2340	2326	2341	2022-07- 09T18:57: 30	2022-07- 09T19:36: 05	57.2	20220709-30
5607	nw_sup_c hange																			949.0	244.042	0	2408	2426	2022-07- 09T19:35: 54	2022-07- 09T19:35: 54	56.9	
5606	nw_inf_ch ange																			948.1	243.411	0	2408	2426	2022-07- 09T19:35: 50	2022-07- 09T19:35: 50	56.7	
5605	reeling_ex change	605.20703 125	145.44830 32226562 5	23.586870 19348144 5	0.0	0.0	7.8299012 18414307	1253.1436 76757812 5	1472.4095 45898437 5	736.06878 66210938	0.0109312 00347840 786	108.21467 59033203 1	35.756401 06201172	1074.0925 29296875	1429.8071 2890625	574.68969 7265625	0.0	83.034667 96875	27.605859 75646972 7	962.9	252.006	2394	2388	2405	2022-07- 09T18:18: 02	2022-07- 09T18:57: 30	56.8	20220709-29
5604	reeling_ex change	579.82604 98046875	140.44755 55419922	22.601701 73645019 5	0.0	0.0	7.5087113 38043213	1205.9931 640625	1413.8494 87304687 5	696.60931 39648438	0.0109312 00347840 786	103.65094 75708007 8	34.265308 38012695	1033.8587 64648437 5	1373.4049 07226562 5	544.05895 99609375	0.0	79.586929 32128906	26.437646 86584472 7	956.1	247.409	2394	2395	2410	2022-07- 09T17:38: 37	2022-07- 09T18:18: 02	57.0	20220709-28
5603	reeling_ex change	553.89746 09375	135.39437 86621093 8	21.610677 71911621	0.0	0.0	7.1881895 06530762	1158.7790 52734375	1355.1893 31054687 5	657.11901 85546875	0.0109312 00347840 786	99.084915 16113281	32.767623 90136719	993.83276 3671875	1317.3074 95117187 5	513.59948 73046875	0.0	76.140983 58154297		932.0	235.321	2264	2260	2277		2022-07- 09T17:38: 37	56.7	20220709-27
5602	nw_sup_c hange																			928.2	233.844	0	2408	2426		2022-07- 09T17:38: 23	56.9	
5601	nw_inf_ch ange																			927.0	234.148	0	2129	2139		2022-07- 09T17:38: 18	56.6	
5600	reeling_ex change	529.90338 13476562	130.69110 10742187 5	20.716545 10498047	0.0	0.0	6.8831667 90008545	1114.0968 01757812 5	1299.6964 11132812 5	619.73913 57421875	0.0109312 00347840 786	94.810005 18798828	31.345746 99401855 5	955.58972 16796875	1263.7235 10742187 5	484.54647 82714844	0.0	72.901451 11083984	24.206373 21472168	960.9	250.721	2414	2408	2426	09T16:21:	2022-07- 09T17:01: 15	56.8	20220709-26
5599	reeling_ex change	503.31274 4140625	125.46445 46508789	19.733459 47265625	0.0	0.0			1241.1596 6796875	580.34436 03515625	0.0109312 00347840 786							69.405876 15966797	23.051006 31713867 2	961.1	250.273	2413	2420	2434	09T15:41:	2022-07- 09T16:21: 28	57.3	20220709-25
5598	reeling_ex change	477.03649 90234375	120.31578 82690429	18.717119 21691894	0.0	0.0	6.2239761 35253906	1019.1859 13085937	1181.7653 80859375	540.36505 12695312	0.0	85.653366 08886719	28.305717 46826172	874.90008 54492188	1150.6341 55273437	423.15151 97753906	0.0	65.917167 66357422	21.915843 96362304	873.6	207.371	2024	2028	2038	2022-07- 09T15:08:	2022-07- 09T15:41:	56.8	20220709-24

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5598	reeling_ex change	477.03649 90234375	7	5	0.0	0.0	6.2239761 35253906	5	1181.7653 80859375	540.36505 12695312	0.0	85.653366 08886719		874.90008 54492188	5	423.15151 97753906	0.0	65.917167 66357422	7	873.6	207.371	2024	2028	2038	21	44	56.8	20220709-24
5597	nw_sup_c hange																			871.4	206.434	0	2129	2139	2022-07- 09T15:41: 35	2022-07- 09T15:41: 35	56.6	
5596	nw_inf_ch ange																			870.1	205.913	0	2399	2408		2022-07- 09T15:41: 30	56.6	
5595	reeling_ex change	455.93270 87402344	116.14598 08349609 4	17.916524 88708496	0.0	0.0	5.9614849 09057617	980.16687 01171875	1133.2874 75585937 5	507.67919 921875	0.0	81.947875 9765625	27.079677 58178711	841.00842 28515625	1103.1282 95898437 5	397.33843 99414062 5	0.0		20.926469 80285644 5	897.9	217.624	2122	2129	2139	2022-07- 09T14:33: 27	2022-07- 09T15:08: 21	56.6	20220709-23
5594		432.86978 14941406				0.0	5.6772317	939.42272	1082.6647 94921875	473.62820	0.0	77.997261 04736328	25.773246 76513672	805.20642 08984375	1052.9216 30859375	370.05917 35839844	0.0	59.895156 86035156	19.905652 99987793	475.7	57.3798	583	585	587		2022-07- 09T14:33: 27	56.9	20220709-22
5593		415.88345 33691406				0.0	5.4643735 88562012	916.76098 6328125	1054.6743 1640625	455.21160 88867187 5	0.0	75.844451 90429688	25.055255 88989257	785.17297 36328125	1025.0074 46289062	355.24298 09570312	0.0	58.178379 05883789	19.340906 14318847	942.4	211.546	2405	2403	2415	2022-07- 09T12:41: 56		57.2	20220709-21
5592		394.06799 31640625				0.0	5.1810550 68969727	870.70727 5390625	1001.6480 10253906	432.28509 52148437 5	0.0	72.028808	23.814718		973.41394	337.29748		78662109	18.360746 38366699 2	927.8	204.873	2345	2340	2349	2022-07-	2022-07- 09T12:41: 56	57.1	20220709-20
5591	nw_sup_c hange		,	J					_	J								7	-	926.1	204.163	0	2399	2408	2022-07-		57.0	
5590	nw_inf_ch ange																			924.7	203.631	0	2395	2403	2022-07- 09T12:41:	2022-07- 09T12:41:	57.2	
5589	reeling_ex change	373.37097 16796875	97.292846 6796875	14.802028 65600586	0.0	0.0	4.9061961 17401123	825.91278 07617188	950.12451 171875	410.01620 48339844	0.0	68.291290 28320312	22.571313 85803222	706.96087 64648438	923.20104 98046875	319.84411 62109375	0.0	52.401924 13330078	17.405424 11804199	946.4	213.237	2405	2399	2408	2022-07-	:=	56.6	20220709-19
5588	reeling_ex change	352.90951 53808594	91.970046 99707031	14.011931 41937255	0.0	0.0	4.6328597 06878662	779.99212 64648438	897.28216 55273438	387.17504 8828125	0.0	64.500442 50488281						49.492504 11987305	16.445890 42663574	941.3	210.738	2405	2403	2412	2022-07-	2022-07- 09T11:23: 38	57.2	20220709-18
5587		331.54574 58496094				0.0	4.3568158 14971924	733.82623 29101562	844.14874 26757812	364.21929 93164062 5	0.0		20.040270			204 45455		46.566192 62695312	15.476778 98406982	937.1	205.742	2359	2350	2358	2022-07- 09T10:05:	2022-07- 09T10:44:	57.1	20220709-17
5586	nw_sup_c			6						5		5	3			5		5	4	935.8	205.034	0	2395	2403	09T10:43:	01 2022-07- 09T10:43:	56.7	
5585	nw_inf_ch ange																			934.9	205.498	0	2395	2403	2022-07- 09T10:43:	09T10:43:	56.7	
5584	reeling_ex	311.81176 7578125		12.413154 60205078	0.0	0.0			793.01531 98242188		0.0	56.998714 44702148 4	18.837770 46203613	590.24139 40429688	771.36169 43359375	267.04428 10058594	0.0	43.760364 5324707	14.531216 62139892 6	946.3	208.371	2405	2395	2403		48 2022-07- 09T10:05: 06	56.7	20220709-16
5583	reeling_ex change	290.71356 20117187 5	75.800651 55029297	11.580367 08831787 1	0.0	0.0	3.8236718 17779541	644.00384 52148438	740.78875 73242188	319.58538 81835937 5	0.0	53.274082 18383789					0.0	40.832290 64941406		947.7	209.639	2405	2399	2408	2022-07- 09T08:45: 51		56.8	20220709-15
5582	reeling ev	271.01306 15234375	70 662254	10.795459		0.0					0.0	49.553043 36547851 6						38.015129 08935547	12.627036 09466552 7	938.7	201.241	2322	2313	2321	2022-07- 09T08:07:	2022-07- 09T08:45: 51	57.1	20220709-14
5581	nw_sup_c hange																			934.0	200.536	0	2395	2398	2022-07- 09T08:45: 43	2022-07- 09T08:45: 43	57.1	
5580	nw_inf_ch ange																			933.1	200.184	0	2395	2398	2022-07- 09T08:45: 39	2022-07- 09T08:45: 39	56.6	
5579	reeling_ex change	251.17396 54541015 6	65.494377 13623047	9.9989442 82531738	0.0	0.0	3.3002240 65780639 6	555.53198 2421875	639.04571 53320312	275.66061 40136719	0.0	45.894931 79321289	15.177228 92761230 5	476.08044 43359375	619.54486 08398438	215.37191 77246093 8	0.0	05322265	11.723350 52490234 4	952.0	210.189	2405	2395	2403			56.6	20220709-13
5578	reeling_ex change	231.09977 72216797	60.268981 93359375	9.2014274 59716797	0.0	0.0				253.27635 19287109 4		42.181194 30541992					0.0	32.438873 29101562	10.765549 65972900 4	951.2	208.202	2405	2398	2408	2022-07- 09T06:48:	2022-07- 09T07:27: 54	56.6	20220709-12
5577	reeling_ex change	210.46145 62988281 2	54.886077 88085937 5	8.3901634 2163086	0.0	0.0				231.14857 48291015 6		38.467334 74731445						~		949.4	207.844	2388	2379	2383	2022-07- 09T06:08:	~ .	57.1	20220709-11
5576	nw_sup_c hange																			947.7	207.137	0	2395	2398	2022-07- 09T06:48:	2022-07- 09T06:48: 08	56.5	
5575	nw_inf_ch ange																			946.8	206.194	0	2399	2398	2022-07- 09T06:48:	2022-07- 09T06:48: 03	57.2	
5574	reeling_ex change	190.33720 39794922	49.647830 96313476	7.5869488 71612549	0.0	0.0	2.4981567 85964966	421.08215 33203125	484.49591 06445312	208.99877 9296875	0.0	34.802944 18334961	11.496451 37786865	361.22912 59765625	466.62646 484375	163.39099 12109375	0.0	26.800588 60778808	8.8734378 81469727	951.2	209.551	2405	2395	2398		2022-07- 09T06:08:	56.6	20220709-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5574	reeling_ex change	190.33720 39794922		71012549	0.0	0.0	2.4981567 85964966	33203123		208.99877 9296875		34.802944 18334961	2	59765625		12109375	0.0	6	8.8734378 81469727	951.2	209.551	2405	2395	2398	16	54	56.6	20220709-10
5573	reeling_ex change	169.86607 36083984 4	44.289249 42016601 6	6.7691411 9720459	0.0	0.0	7	5	10021044	186.41894 53125		31.065982 81860351 6	10.246173 85864257 8	322.29260 25390625	416.29949 95117187 5	145.78756 71386718 8	0.0	23.920885 08605957	7.9152336 12060547	953.2	210.489	2405	2400	2409	2022-07- 09T04:49: 39	2022-07- 09T05:29: 16	57.0	20220709-09
5572	reeling_ex change	148.92959 59472656 2	38.819301 60522461	5.9235820 77026367	0.0	0.0	1.9599723 81591796 9	330.80102 5390625	380.66217 04101562 5	164.20478 82080078	0.0	27.311483 38317871	9.0450124 74060059	283.39501 953125	365.99496 45996094	128.20883 17871093 8	0.0	21.036792 75512695 3	6.9614658 35571289	940.6	207.818	2366	2361	2361	2022-07- 09T04:10: 37	2022-07- 09T04:49: 39	56.8	20220709-08
5571	nw_sup_c hange																			937.4	208.197	0	2399	2398	2022-07- 09T04:49: 27	2022-07- 09T04:49: 27	56.9	
5570	nw_inf_ch ange																			936.5	206.137	0	2394	2408	2022-07- 09T04:49: 22	2022-07- 09T04:49: 22	56.8	
5569	reeling_ex change	129.44401 55029297	33.738445 28198242	5.1498017 31109619	0.0	0.0	1.6993837 35656738 3	286.10211 18164062 5	329.23141 47949219	142.01435 85205078	0.0	23.615297 31750488 3	7.8199791 90826416	245.08549 49951172	316.52908 32519531	110.86746 97875976 6	0.0	18.207820 89233398 4	6.0138173 10333252	947.7	212.767	2405	2399	2398	2022-07- 09T03:30: 59	2022-07- 09T04:10: 37	56.6	20220709-07
5568	reeling_ex change	108.58161 16333007 8	28.324670 79162597 7	4.3254923 82049560 5	0.0	0.0	1.4217859 50660705 6	240.44644 16503906 2	276.72595 21484375	119.36408 99658203 1	0.0	19.869668 96057129	6.5781040 19165039	206.28854 37011718 8	266.50091 55273437 5	93.313667 29736328	0.0	15.307774 54376220 7	5.0662741 66107178	946.3	212.857	2405	2401	2406	2022-07- 09T02:51: 23	2022-07- 09T03:30: 59	57.0	20220709-06
5567	reeling_ex change	88.713691 71142578	23.121761 32202148 4	3.5389969 34890747	0.0	0.0	1.1614547 96791076 7	195.34587 09716797	224.79522 70507812 5	96.960227 9663086	0.0	16.125635 14709472 7	5.3367319 10705566	167.81523 13232422	216.91410 82763672	75.922973 6328125	0.0	12.407386 77978515 6	4.1428790 09246826	932.7	203.61	2306	2297	2310	2022-07- 09T02:13: 20	2022-07- 09T02:51: 23	56.8	20220709-05
5566	nw_sup_c hange																			927.0	200.187	0	2264	2277	2022-07- 09T02:51: 10	2022-07- 09T02:51: 10	57.1	
5565	nw_sup_c hange																			927.0	200.187	0	2264	2277	2022-07- 09T02:51: 10	2022-07- 09T02:51: 10	57.1	
5564	reeling_ex change	69.094436 64550781	18.004871 36840820 3	2.7532596 58813476 6	0.0	0.0	0.9081384 53960418 7	152.01832 58056640 6	174.97671 50878906 2	75.453155 51757812	0.0	12.554466 24755859 4	4.1519446 37298584	130.30372 61962890 6	168.49128 72314453	58.942630 76782226 6	0.0	9.6439714 4317627	3.2019312 38174438 5	949.0	208.921	2404	2394	2408	2022-07- 09T01:33: 42	2022-07- 09T02:13: 20	57.2	20220709-04
5563	reeling_ex change	48.205062 86621094	12.562206 26831054 7	1.9336155 65299987 8	0.0	0.0	0.6309703 58848571 8	107.38649 74975586	123.62210 08300781 2	53.306865 69213867	0.0	8.8586635 58959961	2.9425668 71643066 4	92.042129 51660156	119.07183 07495117 2	41.644615 17333984 4	0.0	00070403	7		213.697	2405	2400	2412	2022-07- 09T00:54: 04	2022-07- 09T01:33: 42	56.5	20220709-03
5562	reeling_ex change	27.833101 27258300 8	7.2474322 31903076	1.1106047 63031005 9	0.0	0.0	0.3652709 12647247 3	62.726696 0144043	72.220397 94921875	31.139549 25537109 4	0.0	5.2115049 36218262	1.7077127 69508361 8	53.502368 92700195	69.276634 2163086	24.215726 85241699 2	0.0	3.9297645 0920105	1.3300514 22119140 6	934.4	207.373	2345	2331	2344	2022-07- 09T00:15: 25	2022-07- 09T00:54: 04	56.9	20220709-02
5561	nw_inf_ch ange																			932.7	206.475	0	2170	2180	2022-07- 09T00:53: 53	2022-07- 09T00:53: 53	56.7	
5560	nw_sup_c hange																			932.2	206.385	0	2170	2180	2022-07- 09T00:53: 52	2022-07- 09T00:53: 52	56.9	
5559	change	19506636	4	0.3207740 48566818 24	0.0	0.0		7	7	91381836	0.0	1.5563471 31729126	0.5192292 33264923 1	15.617098 80828857 4	20.256233 21533203	7.0885171 89025879	0.0	1.1575976 61018371 6	0.3996541 20206832 9	920.3	199.843	2274	2264	2277	2022-07- 08T23:37: 56	2022-07- 09T00:15: 25	57.1	20220709-01
5558	cnange	91796875	5	27.342885 97106933 6		0.0	9.4118576 04980469	1048.4591 06445312 5	10110931	1128.1744 38476562 5	0.0	126.29261 01684570 3	41.804649 35302734 4	903.39398 19335938	1830.5212 40234375	892.26574 70703125	0.0	98.286643 9819336	32.533538 81835937 5	922.1	199.453	2274	2273	2286	2022-07- 08T23:00: 16	2022-07- 08T23:37: 56	56.7	20220708-38
5557	reeling_ex change	721.04534 91210938	156.98861 69433593 8	26.564548 49243164	0.0	0.0	9.1500339 50805664	1005.6602 78320312 5	1817.7822 265625	1106.9587 40234375	0.0	122.70845 03173828 1	40.638530 73120117	866.73437 5	1782.8308 10546875	875.65435 79101562	0.0		31.612583 16040039	143.0	21.3944	281	276	273	2022-07- 08T22:29	2022-07- 08T23:00: 16	57.1	20220708-37
5556				26.340766 90673828		0.0	9.0746660 23254395	998.32672 11914062	1809.3503 41796875	1103.3221 43554687 5	0.0	122.10847 47314453 1	40.439830 7800293	860.76397 70507812	1775.0831 29882812 5	872.96478 27148438	0.0	95.132690 4296875	31.463283 53881836	915.9	193.629	2193	2196	2203	2022-07- 08T21:52: 07	2022-07- 08T22:29	31.8	20220708-36
5555	nw_sup_c hange																			912.4	193.541	0	2170	2180	2022-07- 08T22:28: 58	2022-07- 08T22:28: 58	36.5	
5554	nw_inf_ch ange																			910.6	192.815	0	2060	2108		2022-07- 08T22:28: 50	56.3	
5553	reeling_ex change	696.64642 33398438	150.66526 79443359 4	25.587787 62817382 8	0.0	0.0	8.8269987 10632324	956.54992 67578125	1761.2923 58398437 5	1082.5832 51953125	0.0	118.68050 38452148 4	39.296440 12451172	824.73968 50585938	1728.3211 66992187 5	856.68731 68945312	0.0	92.428070 06835938	30.591863 63220215	900.9	190.895	2169	2170	2180	2022-07- 08T21:16: 13	2022-07- 08T21:52: 07	56.7	20220708-35
5552				24.819765 09094238 3		0.0	8.5787944 79370117	915.44458 0078125	1713.9996 33789062 5	1062.1697 99804687 5	0.0	115.31160 73608398 4	38.153572 08251953	789.71600 34179688	1682.7658 69140625	840.81433 10546875	0.0	89.854629 51660156	29.714233 3984375	899.7	191.659	2170	2172	2186	2022-07- 08T20:40: 22	2022-07- 08T21:16: 13	57.0	20220708-34
5551	reeling_ex change	659.74029 54101562	141.13864 13574218 8	24.128410 33935547	0.0	0.0	8.3455018 99719238	873.95611 57226562	1666.2382 8125	1041.5686 03515625	0.0	111.86546 32568359 4	37.036220 55053711	754.85003 66210938	1637.5229 4921875	825.04693 60351562	0.0	87.210540 77148438	28.861040 11535644 5	498.6	50.6184	598	638	621	2022-07- 08T19:22: 50	2022-07- 08T20:40: 22	56.8	20220708-33
5550	nw_sup_c hange																			100.0	0.193744	0	2288	2328	2022-07- 08T19:23:	2022-07- 08T19:23:	4.9	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5550	nw_sup_c hange																			100.0	0.193744	0	2288	2328	46	46	4.9	
5549	reeling_ex change	642.43499 75585938	136.69985 96191406 2	23.461917 87719726 6	0.0	0.0	8.1177768 70727539	853.66461 18164062	1642.5615 234375	1031.1697 99804687 5	0.0	110.17594 14672851 6	36.466159 82055664	737.90612 79296875	1615.2154 54101562 5	817.14270 01953125	0.0	85.986633 30078125	28.436723 70910644 5	895.2	202.081	2097	2060	2108	2022-07- 08T18:47: 39	2022-07- 08T19:22: 50	45.6	20220708-32
5548	reeling_ex change	622.89508 05664062	132.55709 83886718 8	22.755599 97558593 8	0.0	0.0	7.8667755 12695312 5	825.01965 33203125	1587.2036 1328125	996.33239 74609375	0.0	106.43132 78198242 2	35.225162 50610351 6	714.39300 53710938	1563.7712 40234375	791.06988 52539062	0.0	83.222923 2788086	27.542043 68591308 6	945.9	225.588	2363	2320	2376	2022-07- 08T18:08: 30	2022-07- 08T18:47: 39	57.2	20220708-31
5547	reeling_ex change	600.00762 93945312	127.67895 5078125	21.916273 11706543	0.0	0.0	7.5775489 80712891	792.39306 640625	1524.1682 12890625	956.73089 59960938	0.0	102.20381 16455078 1	33.832244 87304687 5	688.12939 453125	1506.2972 41210937 5	761.93902 58789062	0.0	80.139556 88476562	26.529747 00927734 4	943.7	225.755	2363	2324	2378	2022-07- 08T17:29: 28	2022-07- 08T18:08: 30	56.7	20220708-30
5546	reeling_ex change	577.31811 5234375	122.84119 41528320 3	21.073740 00549316 4	0.0	0.0	7.2912669 18182373	759.79089 35546875	1461.1544 18945312	917.07281 49414062	0.0		32.428787	661.63006	1448.2648	732.53125	0.0	77.069786 07177734	25.517883 30078125	411.3	28.9963	333	284	336	2022-07-	2022-07- 08T17:29: 28	56.7	20220708-29
5545	nw_sup_c hange		v																	180.5	2.30711	0	335	340	2022-07-		4.9	
5544	reeling_ex change	568.23712 15820312	120.90679 16870117	20.745445 25146484 4	0.0	0.0	7.1813960 07537842	752.73168 9453125	1447.5042 72460937	908.50299 07226562	0.0	97.037284 85107422	32.111003 87573242	655.79101 5625	1435.4821 77734375	726.06903 07617188	0.0	76.366287 23144531	25.295558 92944336	935.2	227.193	2321	2288	2328	2022.07	2022-07-	39.9	20220708-28
5543				19.938400 26855468 8		0.0	6.9034752	721.94104		871.11523		93.043785 09521484	30.793779 37316894	629.48107 91015625	1377.6688 23242187	696.83325 1953125	0.0	73.285087 58544922	24.280534 74426269	947.7	226.751	2393	2366	2406	2022-07- 08T15:42: 22	2022-07- 08T16:22	57.1	20220708-27
5542	reeling_ex		111.10488	19.084953		0.0	6.6025986 67144775	689.57684 32617188	1325.4759 52148437	831.78399 65820312	0.0	88.873229 98046875						70.189102 17285156	23.238418 57910156	954.7	228.877	2393	2370	2409	2022-07-		56.6	20220708-26
5541	reeling_ex change	499.81530 76171875	106.35486 60278320	18.268745 42236328	0.0	0.0	6.3192806	657.72869		793.11669		84.703697 20458984						67.088005 06591797	22.215522 76611328	917.7	214.311	2241	2211	2246	2022-07- 08T14:25: 43		57.0	20220708-25
5540	nw_sup_c hange		3												3					916.3	212.184	0	335	340	2022-07-		56.9	
5539	nw_inf_ch ange																			915.1	211.767	0	2374	2414	2022-07-	2022-07- 08T15:02:	56.7	
5538		477.45831 29882812 5	101.59601 59301757	17.450668 33496093	0.0	0.0	6.0320630 07354736	628.28729 24804688	1207.0356 4453125	757.37890 625	0.0	80.897850 0366211	26.787456 51245117	550.77032 47070312	1205.4790 0390625	609.59027 09960938	0.0	64.177391 0522461	21.231096 26770019 5	390.4	29.3295	339	335	340	2022-07-	08T14:25:	56.9	20220708-24
5537		471.12786 86523437	38037109	60766601	0.0	0.0	5.9576983	622.49255		750.30822	0.0	80.172691 34521484					0.0	63.595790 86303711	21.053522 10998535	910.1	202.958	2122	2094	2129	2022-07- 08T13:31:	08T14:07:	57.2	20220708-23
5536	reeling_ex	5	96.031654	16.507358		0.0				713.76550 29296875	0.0		25.221073			577.59210 20507812			20.139041 90063476	956.5	227.809	2403	2374	2415		08T13:31:	56.8	20220708-22
5535	-			15.656801 22375488 3	0.0	0.0	5.4082655	560.03918	1075.3137 20703125	674.56799	0.0	72.098068 23730469							19.099090 57617187 5	937.1	215.971	2278	2243	2282		08T12:52:	56.7	20220708-21
5534	nw_sup_c			3											5				5		215.394	0	2374	2414		08T12:52:	56.7	
5533	nw_inf_ch ange																			934.4	217.287	0	2366	2407		08T12:51:	57.2	
5532		405.21209 71679687	86.216659 54589844	14.781160 35461425	0.0	0.0	5.1221489 90631103	529.68420 41015625	1016.7539 67285156	637.76428 22265625	0.0	68.103591 91894531	22.538049 69787597	469.79092 40722656	1028.2617 1875	519.86267 08984375	0.0	54.734794 61669922	18.110744 47631836	962.2	231.007	2404	2374	2414		08T12:14:	56.7	20220708-20
5531	reeling ev	5 382.07077 02636719	81 282478	13.950971	0.0	0.0	4.8344817	498.97909		600.58935		64.144355 77392578					0.0	51.609344 48242187		963.2	227.183	2403	2375	2416		08T11:34:	56.6	20220708-19
5530	reeling ex		76.404846	13.126935	0.0	0.0				564.12536 62109375	0.0	60.248756 40869140	19.940032 95898437	415.98516 84570312			0.0	5 48.485286 71264648	16 045457	946.3	222.68	2321	2284	2322		08T10:54:	57.1	20220708-18
5529	nw_sup_c			Э				5				ь	5	5				4		945.0	222.095	0	2366	2407		08T10:54:	56.9	
5528	nw_inf_ch ange																			943.2	220.786	0	2369	2414		08T10:54:	57.1	
5527	reeling ev	335.92160 03417969	71.434890	12.263811 11145019	0.0	0.0	4.2503685	439.39852 90527344	842.62072 75390625	528.40917 96875	0.0	56.420463 56201172	18.675729 75158691	389.63299 56054687	852.85375 9765625	431.11761 47460937	0.0	45.419013 97705078	15.051833 15277099	965.7	228.798	2403	2366	2407		08T10:16:	56.7	20220708-17
5526	reeling_ex	00417303	66.566040	11.394606		0.0	3.9640419	409.37286		492.03726	0.0	52.544349	17.388923	362.76831		401.37326		31103010	6 14.012768 74542236		228.076	2404	2372	2415	31 2022-07- 08T08:56:	19 2022-07- 08T09:36:	57.1	20220708-16

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5526	reeling_ex change	5	66.566040 0390625	6	0.0	0.0		5	03033373			6		362.76831 0546875		401.37326 04980469	0.0	6	3	970.1	228.076	2404	2372	2415	43	31	57.1	20220708-16
5525		289.72000 12207031	40904697	10.555103 30200195 3		0.0	3.6657114 02893066 4	379.43206 78710937 5	727.08312 98828125	455.80642 70019531	0.0	48.676731 10961914	16.125766 75415039	336.06182 86132812 5	735.43341 06445312	371.82690 4296875	0.0	39.163131 71386719		950.3	218.926	2308	2269	2313	2022-07- 08T08:18: 27	2022-07- 08T08:56: 43	57.1	20220708-15
5524	nw_sup_c hange																			949.4	218.281	0	2369	2414	2022-07- 08T08:56: 37	2022-07- 08T08:56: 37	56.9	
5523	nw_inf_ch ange																			947.7	216.159	0	2261	2308	2022-07- 08T08:56: 28	2022-07- 08T08:56: 28	56.8	
5522	criarige	79900409	2902032			0.0	3.3846273 42224121	350.89117 43164062 5	672.12725 83007812	421.27697 75390625	0.0	45.006095 88623047						36.213466 64428711	11.997438 43078613 3	970.1	229.539	2404	2369	2414	2022-07- 08T07:38: 38	2022-07- 08T08:18: 27	56.9	20220708-14
5521	reeling_ex change	245.18353 27148437 5	52.150039 67285156	8.9375877 3803711	0.0	0.0	137 13301	00423701	400/3			41.213905 33447265 6	13.623257 63702392 6	283.92028 80859375	620.88342 28515625	314.10549 92675781	0.0	33.135612 48779297	10.956031 79931640 6	970.1	229.466	2403	2377	2423	2022-07- 08T06:58: 52	2022-07- 08T07:38: 38	56.8	20220708-13
5520	reeling_ex change	222.29281 61621093 8	47.286521 91162109 4	8.1030454 63562012	0.0	0.0	2.8190591 33529663	291.20965 57617187 5	557.48822 02148438	349.30654 90722656	0.0	37.309448 2421875	12.362925 52947998	257.60662 84179687 5	562.99957 27539062	284.97378 54003906	0.0	30.058351 51672363 3		947.7	220.941	2293	2255	2299	2022-07- 08T06:20: 52	2022-07- 08T06:58: 52	56.9	20220708-12
5519	nw_sup_c hange																			946.3	220.25	0	2261	2308	2022-07- 08T06:58: 47	2022-07- 08T06:58: 47	57.0	
5518	nw_inf_ch ange																			944.6	219.371	0	2367	2414	2022-07- 08T06:58: 38	2022-07- 08T06:58: 38	56.9	
5517	reeling_ex change	200.75057 98339843 8	42.713859 55810547	7.3077788 35296631	0.0	0.0	2.5391275 88272094 7	262.61196 89941406	502.67813 11035156	314.93350 21972656	0.0	33.699584 9609375	11.154939 65148925 8	232.58634 94873047	507.97711 18164062 5	257.32171 63085937 5	0.0	27.117938 99536132 8	8.9731140 13671875	948.6	222.781	2303	2261	2308	2022-07- 08T05:42: 42	2022-07- 08T06:20: 52	57.2	20220708-11
5516	reeling_ex change	178.28324 89013672	37.950176 23901367	6.4921827 31628418	0.0	0.0	2.2574086 18927002	233.70339 96582031 2	447.39086 9140625	280.26901 24511719	0.0	29.978797 91259765 6	9.9200935 36376953	207.26387 02392578	452.39572 14355469	229.27587 890625	0.0		7.9986109 73358154	949.9	223.734	2303	2264	2311	2022-07- 08T05:04: 40	2022-07- 08T05:42: 42	56.9	20220708-10
5515	reeling_ex change	157.01771 54541015 6	33.457736 96899414	5.7017736 43493652	0.0	0.0	1.9880172 01423645	204.84065 24658203	392.35940 55175781	245.80448 91357422	0.0	26.298271 17919922	8.7101488 11340332	181.87132 26318359 4	396.56784 05761719	201.16770 93505859 4	0.0	21.229249 95422363 3		309.7	17.46	205	203	208	2022-07- 08T05:01: 10	2022-07- 08T05:04: 40	56.6	20220708-09
5514				5.6207895 27893066		0.0	1.9643586 87400817 9	202.14505 00488281 2	387.23965 45410156	242.57675 17089843 8	0.0	25.942176 81884765 6	8.5837745 6665039	179.59349 06005859 4	391.65441 89453125	198.67633 05664062 5	0.0	20.971834 18273925 8	6.9326620 10192871	956.0	226.151	2312	2271	2319	2022-07- 08T04:22: 51	2022-07- 08T05:01: 10	56.7	20220708-08
5513	nw_sup_c hange																			954.3	226.416	0	2367	2414	2022-07- 08T05:01: 03	2022-07- 08T05:01: 03	57.2	
5512	nw_inf_ch ange																			953.0	225.718	0	2142	2177	2022-07- 08T05:00: 56	2022-07- 08T05:00: 56	57.2	
5511	reeling_ex change	133.02435 30273437 5	28.337871 55151367 2	4.8278036 11755371	0.0	0.0	1.6823227 40554809 6	172.69523 62060547	331.10678 10058594	207.41549 68261718 8	0.0	4	41003416		09230201	39614433		17.948127 74658203	5.9317741 39404297	973.2	235.369	2403	2367	2414	2022-07- 08T03:43: 02	2022-07- 08T04:22: 51	56.8	20220708-07
5510	reeling_ex change	110.17227 93579101 6	23.471096 03881836	4.0027384 75799560 5	0.0	0.0	1.3998085 26039123 5	142.34133 91113281 2	272.92544 55566406	170.96484 375	0.0	18.287361 14501953	6.0622258 18634033	126.52037 81127929 7	275.64450 07324219	139.93965 14892578	0.0	14.803579 33044433 6	4.8726787 56713867	969.3	233.883	2403	2368	2416	2022-07- 08T03:03: 15	2022-07- 08T03:43: 02	56.8	20220708-06
5509	reeling_ex change	87.323944 09179688	18.581134 79614257 8	3.1857810 02044677 7	0.0	0.0	85316467	89721679		134.69699 09667968 8	0.0	14.426683 42590332	4.7662591 9342041	99.700035 09521484	216.90953 06396484 4	110.30650 32958984 4	0.0		3.8390378 95202636 7	914.6	209.374	2143	2110	2146	2022-07- 08T02:27: 43	2022-07- 08T03:03: 15	56.6	20220708-05
5508	nw_sup_c hange																			913.7	208.627	0	2142	2177	2022-07- 08T03:03: 09	2022-07- 08T03:03: 09	57.0	
5507	nw_inf_ch ange																			912.0	208.083	0	2361	2401		2022-07- 08T03:03: 01	56.7	
5506	reeling_ex change	66.905258 17871094	14.228200 91247558 6	2.4466123 58093261 7	0.0	0.0	0.8480056 52427673 3	85.255165 10009766	163.52679 44335937 5	102.44441 22314453 1	0.0	10.925631 52313232 4	3.6166074 27597046	75.836769 1040039	164.88627 62451172	83.873825 07324219	0.0	8.8873882 29370117	2.9208812 71362304 7	921.2	211.249	2173	2142	2177	2022-07- 08T01:51: 45	2022-07- 08T02:27: 43	56.8	20220708-04
5505	reeling_ex	46.405193	9.8521919	1.6928381 91986084	0.0	0.0				69.555465 69824219		7.4711484 90905762	2.4465632 43865967	51.376205 44433594	111.32370 75805664	56.814327 23999023 4			1.9652581 21490478 5		210.411	2173	2143	2178	2022-07- 08T01:15: 51	2022-07- 08T01:51: 45	57.3	20220708-03
5504	reeling_ex change	25.603948 59313965	5.4167985 91613769 5	0.9400395 15495300 3	0.0	0.0	0.3285450 63734054 57	30.825344 08569336	58.817146 30126953	36.890830 99365234 4	0.0	3.9395127 29644775 4	1.2996371 98448181 2	27.062080 38330078	58.660289 7644043	29.935562 13378906 2	0.0	76516723	1.0331324 33891296 4	499.0	56.5417	603	591	602	08T00:24:	2022-07- 08T01:15: 51	57.3	20220708-02
5503				0.5525659 32273864 7		0.0	0.1955081 96949958 8	19.795829 77294922	37.763313 29345703	23.667270 66040039	0.0	2.5060811 04278564						2.0627021 78955078	0.6554083 82415771 5	947.4	223.039	2278	2246	2283	07T23:47:	2022-07- 08T00:24: 50	56.6	20220708-01
5502	nw_sup_c hange																			946.3	222.939	0	2361	2401	2022-07- 08T00:24:	2022-07- 08T00:24:	56.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5502	nw_sup_c hange																			946.3	222.939	0	2361	2401	49	49	56.7	
5501	nw_inf_ch ange																			944.9	222.404	0	2356	2396	2022-07- 08T00:24: 42	2022-07- 08T00:24: 42	56.7	
5500	reeling_ex change	761.23040 77148438	170.53082 27539062 5	26.150339 12658691 4	0.0	0.0	9.6791505 81359863	1166.6781 00585937 5	1950.3775 63476562 5	1143.1567 3828125	0.0	122.81358 33740234 4	43.953994 75097656	993.96905 51757812	1897.5360 10742187 5	905.68035 88867188	0.0	95.709129 3334961	34.035354 61425781	971.9	230.412	2394	2361	2401		2022-07- 07T23:47: 05	56.6	20220707-37
5499	reeling_ex change	738.68676 7578125	165.76252 74658203	25.321353 91235351 6	0.0	0.0	9.3946866 98913574	1136.3300 78125	1892.3964 84375	1106.7922 36328125	0.0	118.90796 66137695 3	42.679878 23486328	967.05822 75390625	1838.9569 09179687 5	875.90716 55273438	0.0	92.549057 00683594	0202207	968.7	232.443	2394	2363	2406		2022-07- 07T23:07: 27	57.2	20220707-36
5498	reeling_ex change	715.96142 578125	160.96675 10986328	24.494649 88708496	0.0	0.0	9.1046495 43762207	1106.1319 58007812 5	1834.6672 36328125	1070.5764 16015625	0.0	115.06344 60449218 8	41.383468 62792969	940.84832 76367188	1781.8814 69726562 5	846.86999 51171875	0.0	89.511177 06298828	31.994932 17468261 7	939.3	224.792	2310	2275	2314	07T21:49:	2022-07- 07T22:27: 52	57.2	20220707-35
5497	nw_sup_c hange																			935.8	223.842	0	2356	2396	34	07T22:27: 34	57.1	
5496	nw_inf_ch ange																			934.0	222.748	0	2352	2396	07T22:27: 26	2022-07- 07T22:27: 26	56.8	
5495				4/241211		0.0				1035.2421 875		111.28554 53491211						20800409	3		232.274	2393	2356	2396	05	07T21:49: 39	57.2	20220707-34
5494				22.862688 06457519 5		0.0				998.14483 64257812		107.30671 69189453 1						83.361129 76074219	29.968135 83374023 4	956.9	233.924	2393	2364	2401	07T20:30: 33	2022-07- 07T21:10: 05	56.7	20220707-33
5493	reeling_ex change	649.06695 55664062	146.83122 25341797	22.039094 92492675 8	0.0	0.0	8.2630481 7199707	1014.7949 21875	1660.1853 02734375	960.94738 76953125	0.0	103.32656 09741211	61108398 4	861.99395 75195312	1609.9230 95703125	759.45941 16210938	0.0	80.254547 11914062	28.965040 20690918	946.3	229.924	2352	2312	2355	40	07T20:30: 33	56.8	20220707-32
5492	nw_sup_c hange																			939.7	225.681	0	2352	2396		2022-07- 07T20:30	56.7	
5491	nw_inf_ch ange																			938.4	224.99	0	2353	2397	07T20:29: 53	07T20:29: 53	56.9	
5490				21.195280 07507324 2		0.0				924.75860 59570312		99.453109 74121094						77.206726 07421875	47680664	959.7	234.093	2393	2352	2396	07T19:12: 06	2022-07- 07T19:51: 40	56.8	20220707-31
5489				20.350845 33691406 2		0.0				888.58898 92578125		95.634147 64404297						30363936	4	958.4	233.924	2393	2354	2400	34	07T19:12: 06	57.2	20220707-30
5488	reeling_ex change	581.21563 72070312	132.45373 53515625	19.521963 11950683 6	0.0	0.0	7.4097647 66693115	925.11956 78710938	1487.5675 04882812 5	852.57214 35546875	0.0	91.755668 64013672	33.687084 19799805	782.99127 19726562	1437.7371 82617187 5	671.90795 8984375	0.0	71.088333 12988281	25.915027 61840820 3	930.9	219.985	2295	2257	2299	07T17:54: 39	2022-07- 07T18:32: 34	56.7	20220707-29
5487	nw_sup_c hange																			923.4	216.995	0	2353	2397	59	07T18:31: 59	56.6	
5486	nw_inf_ch ange																			921.7	216.374	0	607	617	07T18:31: 51	2022-07- 07T18:31: 51	57.1	
5485	reeling_ex change	559.10760 49804688	127.75920 10498046 9	18.700326 91955566 4	0.0	0.0	7.1286377 90679932	896.46887 20703125	1431.9555 6640625	817.64514 16015625	0.0	88.034599 30419922						68.144302 36816406	24.926986 69433593 8	952.5	233.825	2393	2353	2397	2022-07- 07T17:15: 06	2022-07- 07T17:54: 39	57.1	20220707-28
5484	onunge	3230073	6	17.883577 34680175 8		0.0				780.88818 359375		84.123306 27441406						08007812		955.0	237.192	2393	2360	2404	07T16:35: 37	2022-07- 07T17:15: 06	57.1	20220707-27
5483	reeling_ex change	513.21362 3046875	118.02688 59863281 2	17.030550 00305175 8	0.0	0.0	6.5506167 4118042	836.26690 67382812	1314.9918 21289062 5	744.23907 47070312	0.0	80.172164 91699219	29.859548 56872558 6	704.36914 0625	1266.0892 33398437 5	584.77233 88671875	0.0	61.929546 35620117	22.897317 88635254	877.6	199.004	2040	2006	2042	59	07T16:35: 37	56.7	20220707-26
5482	nw_sup_c hange																			862.6	192.159	0	607	617	28	07T16:34: 28	56.8	
5481	nw_inf_ch ange																			860.8	191.405	0	2344	2389		2022-07- 07T16:34: 19	57.1	
5480	reeling_ex change	494.02938 84277344	113.94771 57592773 4	16.335895 53833007 8	0.0	0.0	6.3080558 77685547	810.49774 16992188	1264.9190 67382812 5	712.83435 05859375	0.0	76.833450 31738281						59.284500 12207031	8		56.441	616	607	617	07T14:45:	2022-07- 07T16:01: 59	56.9	20220707-25
5479				15.628644 94323730 5		0.0				694.72741 69921875		74.889099 12109375						57.799621 58203125			207.641	2122	2087	2123	10	07T14:45: 16	56.7	20220707-24
5478	reeling_ex change	453.79467 7734375	105.43252 56347656 2	14.855539 32189941 4	0.0	0.0	5.8024163 24615478 5	767.13885 49804688	1180.7141 11328125	659.95324 70703125	0.0	71.183265 68603516	26.874073 02856445 3	645.04870 60546875	1136.4886 47460937 5	519.04223 6328125	0.0	55.026782 98950195	20.590871 81091308 6	958.2	234.504	2393	2356	2396	07T13:30:	2022-07- 07T14:10: 10	56.6	20220707-23

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5477	reeling_ex change		54589843	13.995047 56927490 2	0.0	0.0	5.5109553 33709717	735.79492 1875	1119.8590 08789062 5	621.73504 63867188	0.0	67.076469 42138672	25.506216 04919433 6	618.39172 36328125	1078.2684 32617187 5	489.53829 95605469	0.0	51.946392 05932617	19.568191 52832031 2	951.6	231.359	2380	2331	2375		2022-07- 07T13:30: 39	56.8	20220707-22
5476	nw_sup_c hange																			950.8	230.865	0	2344	2389	2022-07- 07T13:30: 34	2022-07- 07T13:30: 34	56.7	
5475	nw_inf_ch ange																			949.0	230.076	0	2349	2395		2022-07- 07T13:30: 26	56.8	
5474		408.14175 41503906			0.0	0.0				585.74182 12890625		4	01928711		8828125	30425781		22143555	00793457	900.0	229.003	2393	2344	2389		2022-07- 07T12:51: 19	57.1	20220707-21
5473	change	73339844	50927734		0.0	0.0				549.35437 01171875		6	2027929	564.80175 78125	5390625	8/39/636	0.0	00110102			234.292	2393	2353	2399	16	07T12:11: 48	57.1	20220707-20
5472	reeling_ex change	363.09826 66015625	86.140502 9296875	11.540251 73187255 9	0.0	0.0	4.6605143 54705810 5	646.51245 1171875	946.37347 41210938	512.78314 20898438	0.0	55.471096 03881836	21.650009 15527343 8	538.08026 12304688	902.59350 5859375	400.48666 38183594	0.0	42.570541 38183594	16.466775 89416504	950.7	226.241	2301	2252	2301	15	07T11:32: 16	56.7	20220707-19
5471	nw_sup_c hange																			947.7	223.996	0	2349	2395	07T11:32: 11	2022-07- 07T11:32: 11	56.7	
5470	nw_inf_ch ange	0.40.00000											00.400000						45 404700	945.9	223.366	0	430	439	07T11:32: 03	2022-07- 07T11:32: 03	57.1	
5469				70715332		0.0	00830078	44335938	890.07519 53125	95996094	0.0	51.666027 0690918						34140025	,	971.1	235.804	2394	2349	2395		2022-07- 07T10:54: 15	57.2	20220707-18
5468				9.8707799 91149902		0.0	5	35742188	831.22595 21484375	3828125	0.0	5	4	485.21298 21777344	00193312	00000400		35717773 4	14.419716 83502197 3		229.722	2394	2360	2399	07T09:35: 10	2022-07- 07T10:14: 42 2022-07-	57.1	20220707-17
5467	change	293.25888 06152344		9.0121994 01855469	0.0	0.0	65692138 7	556.30676 26953125	771.89440 91796875	403.19271 85058594	0.0	43.757423 40087890 6	59680175 8	457.95312 5	727.30468 75	311.64962 76855469	0.0	33.249866 4855957	13.383480 07202148 4	960.4	226.102	2341	2299	2344		07T09:35: 10	56.9	20220707-16
5466	nw_sup_c hange																			959.1	225.875	0	430	439	07T09:35: 05	07T09:35: 05 2022-07-	56.7	
5465	nw_inf_ch ange	270 04042	00 574505	0.4000040			3.4991073	F0C 47070	74.4.005.07	366.91085		20.074000	16.505889	404 00450	CC0 0070C	202 44000		20.407005	12.353503	957.8	225.09	0	2165	2206		07T09:34: 57	57.1	
5464	change	71972656	57373047		0.0	0.0	8	60546875	58789062	358.77001 358.77001	0.0	39.874992 37060547 39.006248					0.0	30.167995 45288086 29.476757	22722288	450.7	40.6881	437	430	439	07T08:34: 50	07T08:56: 36 2022-07-	56.6	20220707-15
5463	change	53027344	00439453	31304932	0.0	0.0	52/58/89	22460938	90820312	953125		35.589229	45.070.400	425.56188 96484375 401.65914	00444000	0.40.00000	0.0	04956054 7 26.711599	96936035 2 11.213363		203.494	2081	2051	2093	07T08:00: 05 2022-07-	07T08:34: 50 2022-07-		20220707-14
5462	rooling ov	238.85926	59.737892	7.2195467 94891357 7.0355610		0.0				326.63888 54980469		4	44116211	91699219	23242188	9/216/9/	0.0	6 26.271081	64746093 8 11.046405		20.6189		239	243	17 2022-07-	07T08:00: 05 2022-07-		20220707-13
5461	change	6	6	84747314 5 6.3456664		0.0				320.91647 33886719 290.96331				397.72311 40136719 375.58489				7 23.689674	79223632 8 10.210994			1972	1955	1986	42 2022-07-			20220707-12
5460		48095703			0.0	0.0	70083618	52734375	36328125	290.96331 78710937 5	0.0	33004002	40090001	99023437 5	76953125	49804687 5	0.0	37744140 6	72045898 4		208.754		2150	2193	37 2022-07-	07T07:13: 42 2022-07-		20220707-11
5459	hange nw_inf_ch																			917.7	206.882		2165	2206	34 2022-07-	07T07:13: 34 2022-07-		
5458 5457	ange reeling_ex	199.50253	51.363731	5.5901746 74987793	0.0	0.0	2.5909669	435.12170	540.20471	257.82281 49414062	. 0	28.262891 76940918	12.641884	350.97943	492.78955	193.14616	0.0	20.782520	9.2398309		206.012		2386	2400	26 2022-07-	07T07:13: 26 2022-07- 07T06:37:		20220707 40
5457	oriarigo	8	4	74987793 4.8137593 26934814 5		0.0	5	41013023	19140023	49414062 0 5 224.43138 12255859 0 4		76940918 24.697200 77514648 4						3 17.922187	8.3013410		210.327		2162	2206	22 2022-07-	07106:37: 37 2022-07- 07T06:01:		20220707-10
5455		157 25062	40 254025	4.0439138 41247559		0.0				190.93252 56347656 2		21.094390 86914062 5						15.046087	5682373 7.3390302 65808105		49.7644		524	532	19 2022-07-	2022-07- 07T05:25:		20220707-09
5454	change	6	6	41247559 3.6685175 89569092	0.0	0.0		368.17993	413.12466	178.40950		19.736921 31042480 5						8	5		222.4	2315	2307	2321	26 2022-07-	19 2022-07- 07T04:22:		20220707-08
J4J4	change	984375	4	89569092	3.0	0.0	2	1640625	43066406	01220703	,	5	68164062	5	0078125	77783203	0.0	1	6.9819359 77935791	301.3	LLL.4	2010	2001	2021	15	26	J1.2	20220101-01

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5453	nw_sup_c hange																			176.0	222.912	0	2386	2400		2022-07- 07T04:22: 35	57.2	
5452	nw_inf_ch ange																			965.6	222.66	0	2384	2402		2022-07- 07T04:22: 27	57.2	
5451	criarige	3	6	3.1322033 40530395 5		0.0				153.26855 46875				-		-		30309330	5.9659109 11560059		231.443	2394	2386	2400		2022-07- 07T03:44: 15	56.9	20220707-06
5450				2.5925431 25152588		0.0				127.03229 52270507 0 8	0.0	14.066183 09020996 1					0.0	9.7988195 41931152	4.9011416 4352417	974.6	227.424	2394	2390	2401	07T02:25: 22	2022-07- 07T03:04: 48	57.3	20220707-05
5449	reeling_ex change	81.531433 10546875	22.257598 87695312 5	2.0249555 11093139 6	0.0	0.0	1.0653320 55091858	204.75317 3828125	230.00177 00195312 5	99.343559 26513672 0	0.0	10.933074 95117187 5	5.4647512 43591309	161.71263 12255859 4	203.23757 93457031 2	71.070030 21240234	0.0	7.7553291 32080078	3.8685281 27670288	974.9	227.509	2365	2354	2373	2022-07- 07T01:46: 21	2022-07- 07T02:25: 22	56.9	20220707-04
5448	nw_sup_c hange																			971.5	225.228	0	2384	2402	07T02:25: 12	2022-07- 07T02:25: 12	56.8	
5447	nw_inf_ch ange																			969.7	224.549	0	2384	2401	07T02:25: 05	2022-07- 07T02:25: 05	56.7	
5446				1.4802730 08346557 6		0.0				71.971511 84082031		7.9722824 09667969					0.0	02728271 5	2.8486406 80313110 4		229.81	2394	2384	2402	07T01:06: 53	2022-07- 07T01:46: 21	56.6	20220707-03
5445	reeling_ex change	0000001	4	0.9473568 20106506 3	0.0	0.0				45.172950 74462890 0 6		5.0084762 57324219						0000000		977.6	229.434	2394	2385	2403	07T00:27: 27	2022-07- 07T01:06: 53	57.1	20220707-02
5444	reeling_ex change			0.4047925 77028274 54	0.0	0.0	0.2100924 25346374 5	38.313499 45068359 4	43.062370 30029297	18.588829 04052734 0 4	0.0	2.0290374 75585937 5	1.0170865 05889892 6	31.143520 35522461	39.213996 88720703	13.707465 17181396 5	0.0		0.7396906 61430358 9	968.8	225.977	2351	2342	2359	40	07T00:27: 27	56.7	20220707-01
5443	nw_sup_c hange																			967.0	226.164	0	2384	2401	07T00:27: 18	2022-07- 07T00:27: 18	57.2	
5442	nw_inf_ch ange		000 00040	00 700007			10.010077	0007.05.40				100 17101								965.7	225.78	0	2384	2400	07T00:27: 11	2022-07- 07T00:27: 11	57.0	
5441	onango	12100010	2	20.720897 67456054 7	0.0	0.0				984.53302 00195312 0	0.0	109.17484 28344726 6	47558594	95/03125	02890025	15820312		0227333	38.795173 64501953		233.075	2394	2384	2401	06T23:09: 13	2022-07- 06T23:48: 40	57.0	20220706-38
5440				59033203	0.0	0.0	10.320908 54644775 4	00309375	94921875	44720502	0.0	106.25553 13110351 6	2003/422	02109373	10/3	3123		42002012	37.757282 25708008		229.434	2394	2386	2403	2022-07- 06T22:29: 47 2022-07-	06T23:09: 13	57.2	20220706-37
5439	reeling_ex change	762.68292 23632812	06738281 2	19.614397 04895019 5	0.0	0.0			2156.7097 16796875		0.0	103.33509 82666015 6	35009765 6	1536.8864 74609375	1944.3164 0625	675.87036 1328125	0.0	73.737167 35839844	36.703403 47290039	963.5	223.245	2322	2313	2328	06T21:51: 29	2022-07- 06T22:29: 47 2022-07-	57.1	20220706-36
5438	nw_sup_c hange																			958.2	221.815	0	2381	2397	06T22:29: 34	06T22:29: 34 2022-07-	56.7	
5437	nw_sup_c hange		202 04615	10.077609								100 41114								958.2	221.815	0	2381	2397		06T22:29: 34	56.7	
5436	criange	34373	6	8		0.0		5234375	56640625	00585938	0.0	100.41114 04418945 3	08081055	8515625	76953125	90039062		00304044	35.700012 20703125		228.722	2394	2384	2400	06T21:12: 02	06T21:51: 29 2022-07-	57.2	20220706-35
5435	onunge	30040073	20040020	-	0.0	0.0				878.43780 51757812 0		97.432968 13964844						10200201	34.650619 50683594		229.698	2394	2390	2403	06T20:32: 35	06T21:12: 02 2022-07-	57.2	20220706-34
5434	reeling_ex change	696.34033 203125	81396484 4	17.960958 48083496	0.0	0.0	9.1516656 87561035	23632812	12695312	852.51696 77734375 0	0.0	94.564956 66503906	89672851 6	38085937	1780.3029 78515625	618.60675 04882812	0.0	67.540306 0913086	33.608741 76025390 6	958.7	221.282	2319	2307	2323	06T19:54: 21	2022-07- 06T20:32: 35 2022-07-	57.0	20220706-33
5433	nw_sup_c hange																			957.4	221.185	0	2381	2397	06T20:32: 27	2022-07- 06T20:32: 27 2022-07-	56.8	
5432	nw_inf_ch ange		183 07500	17 452049				1703 5640	1014 6622						1726 0092					956.0	220.602	0	2386	2397	06T20:32: 21	2022-07- 06T20:32: 21 2022-07-	56.8	
5431				17.453048 70605468 8		0.0				827.10894 77539062 0		91.768524 16992188						1009330	32.573802 94799805		230.997	2394	2381	2397	06T19:14: 53	2022-07- 06T19:54: 21 2022-07-	56.7	20220706-32
5430	reeling_ex change	652.43194 58007812	88134765 6	16.894948 95935058 6	0.0	0.0	8.5746278 76281738	1649.8059 08203125	1854.2482 91015625	801.01159 66796875	0.0	88.860908 50830078	44.180438 99536133	1319.9018 5546875	1671.1413 57421875	580.47216 796875	0.0	63.351184 8449707	31.518846 51184082	975.0	228.275	2394	2385	2401		06T19:14: 53	56.7	20220706-31

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5429		629.57836 9140625	04300408	16.333866 11938476 6	0.0	0.0	8.2744064 33105469	1596.6264 6484375	1794.4676 51367187 5	775.16546 63085938	0.0	85.951751 70898438	42.762237 54882812 5	1275.4235 83984375	1615.0729 98046875	560.91052 24609375	0.0	61.264995 57495117	30.465906 14318847 7	958.7	224.176	2311	2304	2315		2022-07- 06T18:35: 26	56.7	20220706-30
5428	nw_sup_c hange																			956.5	223.129	0	2386	2397		2022-07- 06T18:35: 17	56.6	
5427	nw_inf_ch ange																			955.1	222.761	0	2381	2390		2022-07- 06T18:35: 10	56.7	
5426	reeling_ex change	608.00225 83007812	165.67214 96582031 2	15.807990 07415771 5	0.0	0.0	7.9918074 60784912	1543.1961 66992187 5	1734.3979 4921875	749.23419 18945312	0.0	83.086891 1743164	41.341575 62255859 4	1232.5617 67578125	1560.9388 42773437 5	542.06726 07421875	0.0	59.189243 31665039	29.433996 20056152 3	976.9	235.729	2394	2386	2397		2022-07- 06T17:57: 19	57.2	20220706-29
5425	reeling_ex change	585.96472 16796875	159.67814 63623047	15.218716 62139892 6	0.0	0.0	7.7045941 35284424	1488.6706 54296875	1673.1362 3046875	722.74029 54101562	0.0	80.157646 17919922	39.869670 86791992	1188.2281 49414062 5	1504.9729 00390625	522.58148 19335938	0.0	30330033	28.380426 40686035		231.778	2394	2387	2402		2022-07- 06T17:17: 52	57.3	20220706-28
5424	reeling_ex change	563.16693 11523438	153.46305 84716797	14.617436 40899658 2	0.0	0.0	7.4033155 44128418	1432.5236 81640625	1610.0690 91796875	695.47790 52734375	0.0	77.109916 68701172	38.360195 15991211	1143.5888 671875	1448.5642 08984375	502.94946 2890625	0.0	54.880805 96923828	27.307231 90307617 2	968.4	231.394	2348	2336	2346		2022-07- 06T16:38: 26	56.8	20220706-27
5423	nw_sup_c hange																			966.6	231.19	0	2381	2390		2022-07- 06T16:38: 16	57.2	
5422	nw_inf_ch ange																			965.3	230.324	0	2384	2392		2022-07- 06T16:38: 09	57.1	
5421		541.05621 33789062				0.0	7.1147694 58770752	1377.5275 87890625	1548.3192 13867187 5	668.77838 13476562	0.0		37817383	11328125	59765625	3/5		45092773 4	26.281190 87219238 3	978.9	234.164	2394	2381	2390		2022-07- 06T15:59: 42	56.6	20220706-26
5420	reeling_ex change	519.18640 13671875	141.46810 91308593 8	13.781027 79388427 7	0.0	0.0	6.8265328 4072876	1320.7512 20703125	1484.5434 5703125	641.23663 33007812	0.0	71.081840 51513672	35.348091 12548828	1054.7860 10742187 5	1336.4708 25195312 5	463.92272 94921875	0.0	50.594699 85961914	25.199661 25488281 2	976.5	235.729	2394	2384	2399		2022-07- 06T15:20: 14	56.8	20220706-25
5419	reeling_ex change	496.93667 60253906	135.42877 19726562 5	13.369142 53234863 3	0.0	0.0	6.5332522 39227295	1263.1013 18359375	1419.7864 99023437 5	613.24560 546875	0.0	68.028793 33496094	33.800395 96557617	1009.6116 94335937 5	1279.4184 5703125	444.03457 64160156	0.0	48.430225 37231445	24.117105 48400879	959.6	225.047	2310	2298	2307		2022-07- 06T14:40: 48	56.8	20220706-24
5418	nw_sup_c hange																			958.7	225.175	0	2384	2392		2022-07- 06T14:40: 43	56.8	
5417	nw_inf_ch ange																			957.4	224.642	0	2381	2387		2022-07- 06T14:40: 36	57.2	
5416	reeling_ex change	474.85803 22265625	129.41464 23339843 8	12.765405 65490722 7	0.0	0.0	6.2477164 26849365	1206.7648 92578125	1356.4854 73632812 5	585.88488 76953125	0.0	64.928749 08447266	32.308109 28344726 6	966.65808 10546875	1225.2556 15234375	425.17233 27636719	0.0	46.400817 87109375	23.105459 21325683 6	980.3	235.167	2394	2384	2392		2022-07- 06T14:02: 42	56.6	20220706-23
5415	oriarigo		6	2		0.0	5.9547595 9777832	1150.3010 25390625	1293.0454 1015625	558.46215 8203125	0.0	61.899555 20629883	30.774242 40112304 7	921.36877 44140625	1168.1693 11523437 5	405.26504 51660156	0.0	44.233192 44384765 6	98034668	979.7	234.178	2394	2386	2396	2022-07- 06T12:43: 48	2022-07- 06T13:23: 15	56.9	20220706-22
5414	reeling_ex change	430.88754 27246094	117.46031 18896484 4	11.571001 05285644 5	0.0	0.0	5.6659808 15887451	1095.7426 7578125	1231.7457 27539062 5	531.96307 37304688	0.0	58.988880 1574707	29.325168 60961914	876.46545 41015625	1111.4351 80664062 5	385.53042 60253906	0.0	42.047725 67749023 4	20.942831 03942871	967.9	229.117	2333	2321	2327		2022-07- 06T12:43: 48	57.0	20220706-21
5413	nw_sup_c hange																			967.0	228.618	0	2381	2387		2022-07- 06T12:43: 42	56.6	
5412	nw_inf_ch ange																			965.7	227.92	0	2382	2387	2022-07- 06T12:43: 35	2022-07- 06T12:43: 35	56.6	
5411	reeling_ex change	408.41427 61230469	111.35210 41870117 2	10.964917 18292236 3	0.0	0.0	5.3693523 40698242	1041.7591 55273437 5	1171.0626 22070312 5	505.73608 3984375	0.0	56.078056 33544922						40.006465 91186523 4	19.916904 44946289	982.5	233.634	2394	2381	2387		2022-07- 06T12:05: 19	56.9	20220706-20
5410	reeling_ex change	386.58016 96777344	105.41012 57324218 8	10.382806 77795410 2	0.0	0.0	5.0848894 11926269 5	985.12390 13671875	1107.4078 36914062 5	478.23132 32421875	0.0	52.990974 42626953	26.358924 86572265 6	788.26446 53320312	999.73052 97851562	346.74060 05859375	0.0	37.850803 37524414	6	981.2	234.722	2394	2384	2391		2022-07- 06T11:25: 52	57.2	20220706-19
5409	reeling_ex change	364.81976 31835937 5	99.491760 25390625	9.8035688 40026855	0.0	0.0	4.7958741 18804932	926.51165 77148438	1041.5421 14257812 5	449.78182 98339844	0.0	49.850002 28881836	24.790983 20007324 2	743.24969 48242188	941.57012 93945312	326.95275 87890625	0.0	35.690971 37451172	17.760332 10754394 5	975.4	231.005	2339	2328	2332	06T10:07:	2022-07- 06T10:46: 25	56.6	20220706-18
5408	nw_sup_c hange																			973.2	230.369	0	182	183		2022-07- 06T10:46: 14	56.7	
5407	nw_sup_c hange																			973.2	230.369	0	182	183	06T10:46:	2022-07- 06T10:46: 14	56.7	
5406	reeling_ex change	343.29843 13964844	93.613937 37792969	9.2470092 7734375	0.0	0.0	4.5182075 50048828	868.98034 66796875	976.86883 54492188	421.84866 33300781	0.0	46.758441 92504883	23.264417 64831543	699.24743 65234375	884.00567 62695312	307.60797 11914062 5	0.0	33.596172 33276367	16.723163 60473632 8	987.8	234.246	2394	2382	2387	06T09:28:	2022-07- 06T10:07: 51	56.9	20220706-17

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5405	reeling_ex change	320.41027 83203125	87.365097 04589844	8.6246519 08874512	0.0	0.0			912.99072 265625	394.25744 62890625	0.0	43.733741 76025390 6	21.731931 68640136 7	654.33740 234375	826.17346 19140625	287.84280 39550781	0.0		15.632607 46002197 3	990.0	233.733	2394	2384	2394		2022-07- 06T09:28: 24	56.8	20220706-16
5404	reeling_ex change	298.46829 22363281	81.399063 11035156	8.0302228 9276123	0.0	0.0	3.9237122 53570556 6	754.90826 41601562	848.64001 46484375	366.45458 984375	0.0	40.660110 47363281	20.196729 66003418	609.22888 18359375	768.20324 70703125	267.99673 46191406	0.0	07910156	14.565648 07891845 7	915.5	204.103	2068	2057	2061		2022-07- 06T08:48: 58	57.0	20220706-15
5403	nw_inf_ch ange																			912.8	203.042	0	2380	2388		2022-07- 06T08:48: 45	57.2	
5402	nw_inf_ch ange																			912.8	203.042	0	2380	2388		2022-07- 06T08:48: 45	57.2	
5401	reeling_ex change	279.38134 765625	76.198760 98632812	7.5133552 55126953	0.0	0.0	3.6777539 25323486 3	705.91052 24609375	793.57574 46289062	342.68435 66894531	0.0	38.004127 50244140 6	18.905696 86889648 4	570.86981 20117188	718.46917 72460938	251.13043 21289062 5	0.0	27.426439 28527832	13.650079 72717285 2	298.6	15.2035	183	182	183		2022-07- 06T08:14: 58	57.0	20220706-14
5400	reeling_ex change	80425781	61230469			0.0	3.6472220 42083740 2	701.68048 09570312	788.83428 95507812	340.62747 19238281	0.0	37.768390 65551758	18.783683 77685547	567.23840 33203125	713.79010 00976562	249.53706 35986328	0.0	27.234870 91064453	13.573676 10931396 5	990.8	237.0	2394	2382	2387		2022-07- 06T08:11: 49	56.6	20220706-13
5399	reeling_ex change	255.33790 58837890 6	69.652984 61914062	6.8688354 4921875	0.0	0.0	3.3617067 33703613 3	644.93975 83007812	725.05236 81640625	313.09399 4140625	0.0				655.93469 23828125			78332519	12.473350 52490234 4	999.7	240.894	2457	2448	2454		2022-07- 06T07:32: 21	57.2	20220706-12
5398	reeling_ex change	232.47248 84033203	63.417087 55493164	6.2531933 78448486	0.0	0.0	3.0550358 29544067 4	586.10101 31835938	659.05395 5078125	284.58731 07910156	0.0	31.601470 94726562 5	15.680842 39959716 8	476.04016 11328125	597.44537 35351562	209.42546 08154297	0.0	22.838174 81994629	11.393175 12512207	982.3	233.296	2378	2364	2372		2022-07- 06T06:51: 52	57.2	20220706-11
5397	nw_sup_c hange																			978.1	231.265	0	2380	2388	2022-07- 06T06:51: 36	2022-07- 06T06:51: 36	56.6	
5396	nw_inf_ch ange																			976.8	230.569	0	2379	2388		2022-07- 06T06:51: 29	56.6	
5395	reeling_ex change	210.92633 05664062 5	57.536720 27587890 6	5.6677918 43414307	0.0	0.0	13253784	80078125	60742188			79528808	35510253	430.44830 32226562 5	539.65979 00390625	189.37123 10791015 6	0.0	08398437 5	10.306262 96997070 3		234.513	2394	2380	2388		2022-07- 06T06:12: 40	56.7	20220706-10
5394	criarige	34320172	03722030			0.0				227.64183 04443359 4		21289062	33538818		482.56964 11132812 5		0.0	18.448003 7689209	9.2147884 36889648	990.6	234.89	2394	2385	2395		2022-07- 06T05:33: 12	56.8	20220706-09
5393	reeling_ex change	165.95684 81445312 5	45.270622 25341797	4.4543542 86193848	0.0	0.0	2.1805207 7293396	409.65762 32910156	460.73614 50195312 5	198.94404 60205078	0.0	19445800	10.938684 46350097 7	14648437	425.47967 52929687 5	149.43440 24658203	0.0		8.1215906 14318848	972.8	227.651	2324	2310	2318	06T04:15: 26	2022-07- 06T04:53: 46	56.6	20220706-08
5392	nw_sup_c hange																			967.9	225.546	0	2379	2388		2022-07- 06T04:53: 34	57.0	
5391	nw_inf_ch ange																			966.2	224.852	0	2385	2394		2022-07- 06T04:53: 27	56.7	
5390	reeling_ex change			3.8896725 17776489 3		0.0				171.41778 56445312 5		7	10620117	44824219		4		14.173150 06256103 5	7.0740156 17370605 5	984.2	235.811	2394	2379	2388		2022-07- 06T04:15: 26	56.6	20220706-07
5389	reeling_ex change	122.97229 76684570 3	33.548904 41894531	3.2997624 87411499	0.0	0.0				144.37593 07861328		16.015651 70288086						12.018807 41119384 8	5.9956293 1060791	982.9	231.29	2394	2383	2395		2022-07- 06T03:35: 58	56.8	20220706-06
5388	reeling_ex change			2.6870176 79214477 5	0.0	0.0	1.3247253 89480590 8	242.89649 96337890 6	273.21475 21972656	117.97658 53881836	0.0	13.077989 57824707	6.4816942 21496582	205.19798 27880859 4	256.84298 70605469	90.275566 10107422	0.0	9.8062648 77319336	4.9121112 82348633	967.9	228.681	2328	2317	2325		2022-07- 06T02:56: 32	56.9	20220706-05
5387	nw_sup_c hange																			963.9	227.149	0	2385	2394	06T02:56: 12	2022-07- 06T02:56: 12	56.6	
5386	nw_inf_ch ange																			962.2	226.61	0	2382	2397	06T02:56: 05	2022-07- 06T02:56: 05	56.6	
5385	reeling_ex change			2.1018772 12524414	0.0	0.0				92.346900 9399414		10.263025 28381347 7						75005711	3.8583419 32296753		236.732	2394	2385	2394	06T01:38: 41	2022-07- 06T02:18: 08	57.1	20220706-04
5384	_	91625976 6	86901855 5	1.5121824 74136352 5		0.0	-	-		65.195075 98876953		7.2199764 25170898							2.7505953 31192016 6	983.8	233.634	2394	2389	2401	2022-07- 06T00:59: 14	2022-07- 06T01:38: 41	57.0	20220706-03
5383	reeling_ex change	34.466869 35424805	9.4314842 2241211	0.9189029 33597564 7	0.0	0.0	0.4549117 68436431 9	81.091751 09863281	91.225128 17382812	39.400669 09790039	0.0	4.3598003 38745117	2.1851744 65179443 4	69.307426 45263672	86.662139 89257812	30.491071 70104980 5	0.0	60931396	1.6660584 21134948 7	969.3	231.303	2331	2317	2325	06T00:20: 47	2022-07- 06T00:59: 14		20220706-02
5382	nw_sup_c hange nw_sup_c																			966.2	230.581		2381	2395	06T00:59	2022-07- 06T00:59 2022-07-	57.0	
5381	hange																			966.2	230.581	U	2381	2395	06T00:59	06T00:59	57.0	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5380	reeling_ex change	12.497914 31427002	3.4213662 14752197 3	0.3324758 11243057 25	0.0		0.1678127 05039978 03	28.522624 96948242 2	32.095031 73828125	13.862566 94793701 2	0.0	1.5531027 31704712	0.7606916 42761230 5	24.653511 04736328	30.834756 85119629	10.849334 71679687 5	0.0		0.5807709 69390869 1	983.4	233.634	2394	2382	2397		2022-07- 06T00:20: 47	57.2	20220706-01
5379	reeling_ex change	772.89147 94921875	130.16360 47363281 2	22.805694 58007812 5	6.9222173 6907959	0.0	9.4218492 50793457	1553.9588 62304687 5	1774.6309 81445312 5	862.49914 55078125	0.0	106.61857 60498046 9	43.200862 88452148 4	1326.5329 58984375	1661.0223 38867187 5	665.78704 83398438	0.0	80.884368 89648438	32.904277 80151367	983.5	236.187	2394	2385	2401		2022-07- 05T23:41: 21	56.9	20220705-39
5378	reeling_ex change	750.98437 5	124.16500 85449218 8	22.211683 27331543	6.9222173 6907959	0.0	9.1376724 24316406	1501.4753 41796875	1715.6020 5078125	837.03289 79492188	0.0	103.80480 95703125	41.787048 33984375	1281.3913 57421875	1604.2132 56835937 5	645.92938 23242188	0.0	78.711029 05273438	31.822011 94763183 6	913.5	206.714	2092	2082	2089		2022-07- 05T23:01: 55	56.7	20220705-38
5377	nw_inf_ch ange	I																		908.9	206.082	0	2526	2543		2022-07- 05T23:01: 45	56.7	
5376	nw_sup_c hange	:																		908.4	205.799	0	2526	2543		2022-07- 05T23:01: 44	56.9	
5375	reeling_ex change	731.46966 55273438	118.83405 30395507 8	21.676202 77404785	6.9222173 6907959	0.0	8.8772745 13244629	1455.3443 60351562 5	1663.7091 06445312 5	814.60906 98242188	0.0	101.34314 72778320 3	40.554985 04638672	1241.9244 38476562 5	1554.4822 99804687 5	628.56634 52148438	0.0	4477333	30.898334 50317382 8	977.2	237.276	2394	2381	2395		2022-07- 05T22:27: 23	56.7	20220705-37
5374	reeling_ex change	709.47033 69140625	112.83502 19726562 5	21.085449 21875	6.9222173 6907959	0.0	8.5863952 63671875	1402.7242 43164062 5	1604.5283 203125	789.03375 24414062	0.0	98.518379 21142578	39.141452 78930664	1195.7650 14648437 5	1498.5307 6171875	608.27539 0625	0.0	74.638526 9165039	29.788799 28588867 2	974.6	238.975	2394	2391	2400	2022-07- 05T21:08: 36	2022-07- 05T21:47: 56	57.1	20220705-36
5373	reeling_ex change	687.49340 8203125	106.82642 36450195 3	20.492294 31152343 8	6.9222173 6907959	0.0	8.3012037 27722168	1349.4924 31640625	1544.6868 89648437 5	763.17645 26367188	0.0	95.695060 72998047	37.724555 96923828	1149.6245 1171875	1442.2009 27734375	587.98187 25585938	0.0	72.408103 9428711	28.707536 69738769 5	341.8	23.5386	264	264	265		2022-07- 05T21:08: 36	57.1	20220705-35
5372	reeling_ex change	684.84967 04101562	106.10834 50317382 8	20.413101 19628906 2	6.9222173 6907959	0.0	8.2625751 49536133	1343.2390 13671875	1537.6574 70703125	760.13775 63476562	0.0	95.335044 86083984	37.572959 89990234 4	1144.7343 75	1436.1870 1171875	585.81695 55664062	0.0	72.153129 57763672	28.575853 34777832	1014.6	254.713	2593	2577	2594		2022-07- 05T21:04: 07	56.6	20220705-34
5371	nw_sup_c hange	:																		1012.5	253.916	0	2526	2543		2022-07- 05T21:03: 59	56.9	
5370	nw_inf_ch ange	ı																		1011.6	251.558	0	2392	2404	2022-07- 05T21:03: 53	2022-07- 05T21:03: 53	56.9	
5369	reeling_ex change	661.05895 99609375	99.601036 07177734	19.770360 94665527 3	6.9222173 6907959	0.0	7.9533901 21459961	1286.2574 46289062 5	1473.5858 15429687 5	732.46771 24023438	0.0	92.275192 26074219	36.051364 89868164	1094.8455 81054687 5	1375.1118 1640625	563.87176 51367188	0.0	30322266	27.389488 22021484 4	1004.5	252.269	2544	2526	2543		2022-07- 05T20:21: 26	56.8	20220705-33
5368		637.69018 5546875					7.6437735 55755615	1230.4982 91015625	1410.8795 16601562 5	705.37634 27734375	0.0	89.285888 671875						12841797	26.228260 04028320 3		21.3025	245	242	243		2022-07- 05T19:39: 41	56.9	20220705-32
5367		635.68725 5859375					7.6207852 36358643	1225.0219 7265625	1404.7258 30078125	702.70581 0546875	0.0	88.987396 24023438							26.122882 84301757 8		53.3058	570	570	575		2022-07- 05T19:35: 39	56.9	20220705-31
5366		629.67614 74609375								696.45074 46289062					1296.8489 99023437 5			30020123	25.859552 38342285		22.5529	255	256	258		2022-07- 05T19:26: 16	57.1	20220705-30
5365	reeling_ex change	627.37451 171875	90.398345 94726562	18.859466 55273437 5	6.9222173 6907959	0.0	7.5140900 61187744					04541016	14794922	0040025	1290.6140 13671875	89453125		66.422866 82128906	25.727926 25427246	318.4	19.2666	223	224	226		2022-07- 05T19:22: 03	56.7	20220705-29
5364	reeling_ex change	625.27362 06054688	89.828506 46972656	18.800056 45751953	6.9222173 6907959	0.0	7.4837851 52435303	1201.5721 43554687 5	1378.3648 68164062 5	691.31774 90234375	0.0	87.733238 22021484	33.758209 22851562 5	1022.0995 48339843 8	1285.9031 98242187 5	531.85150 14648438	0.0	0320711			31.0404	346	347	350		2022-07- 05T19:18: 21	57.1	20220705-28
5363	reeling_ex change	622.46514 89257812	89.055313 11035156	18.720905 30395507 8	6.9222173 6907959	0.0	12/62451	62109375	90234375			87.315338 13476562	33.554454 8034668	1015.4420 16601562 5	1277.7192 3828125	528.91357 421875	0.0		25.491018 29528808 6	328.6	20.8045	237	238	240		2022-07- 05T19:12: 39	57.1	20220705-27
5362	reeling_ex change	620.12860 10742188	88.409942 62695312	18.661613 46435547	6.9222173 6907959	0.0	7.4157862 66326904								1272.0738 52539062 5			45800781			12.5916	155	155	156		2022-07- 05T19:08: 43	56.8	20220705-26
5361	reeling_ex change	618.94110 10742188	88.092926 02539062	18.631978 98864746	6.9222173 6907959	0.0	7.4006743 43109131	1184.9312 74414062 5	1359.6547 8515625	683.23498 53515625	0.0	86.837646 484375	33.325328 8269043	1007.6537 47558593 8	1268.1729 73632812 5	525.47814 94140625	0.0	65.597366 33300781	25.306797 02758789	967.9	229.339	2348	2345	2359		2022-07- 05T19:06: 03	56.7	20220705-25
5360	nw_sup_c hange																			966.2	228.283	0	2392	2404	05T19:05: 54		57.1	
5359	nw_inf_ch ange																			964.9	227.689	0	2618	2632	05T19:05: 48		56.9	
5358		596.03350 83007812					7.1057343 48297119					00976562	30102539	21875	1213.1103 515625	80761719		0303332	24.226676 94091797		237.175	2394	2392	2404	05T17:47: 34	2022-07- 05T18:27: 10	56.9	20220705-24
5357	reeling_ex change	573.65570 06835938	75.739204 40673828	17.412614 82238769 5	6.9222173 6907959	0.0	6.8054780 96008301	1079.8878 17382812 5	1241.5158 69140625	632.21221 92382812	0.0	81.153579 71191406	30.521320 34301757 8	916.68066 40625	1156.6027 83203125	485.45880 12695312 5	0.0	61.216083 52661133	23.119779 58679199 2	976.8	235.543	2394	2396	2407	05T17:07:	2022-07- 05T17:47: 34	57.1	20220705-23

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5356	reeling_ex change	550.61004 63867188	69.462936 40136719	16.795246 12426757 8	6.9222173 6907959	0.0	6.5082507 13348389	1026.5285 64453125	1181.4641 11328125	606.26837 15820312 0	.0	78.209671 02050781	29.091312 40844726 6	870.51782 2265625	1100.0048 828125	465.13018 79882812 5	0.0	59.005836 48681640 6	22.014478 68347168	1044.6	269.602	2712	2705	2714		2022-07- 05T17:07: 57	56.8	20220705-22
5355	nw_sup_c hange																			1042.9	268.032	0	2618	2632		2022-07- 05T17:07: 48	56.9	
5354	nw_inf_ch ange																			1041.5	267.429	0	2432	2443		2022-07- 05T17:07: 42	57.2	
5353	reeling_ex change	524.73840 33203125	62.420696 25854492	16.112085 34240722 7	6.9222173 6907959	0.0	6.1618232 72705078	967.08789 0625	1114.5605 46875	577.38104 24804688 0	.0	75.038330 078125	27.486616 13464355 5	817.98785 40039062	1035.5479 73632812 5	442.01745 60546875	0.0	56.412338 25683594	20.780696 86889648 4	1024.8	253.751	2625	2618	2632		2022-07- 05T16:23: 05	56.6	20220705-21
5352	onango	00000001	4	3	6.9222173 6907959		5.8429951 66778564 5	910.78869 62890625	1051.1840 8203125	550.02319 3359375 0	.0	71.978851 31835938	26.009347 91564941 4	768.97143 5546875	975.37109 375	420.44961 54785156	0.0	54.069774 62768555	19.592267 99011230 5	867.1	183.581	1859	1857	1867		2022-07- 05T15:39: 45	57.1	20220705-20
5351	reeling_ex change	462.69732 66601562 5	45.501747 13134765 6	14.479646 68273925 8	6.9222173 6907959	0.0			979.52484 13085938		.0			713.85247 80273438			0.0	31054687	18.292078 01818847 7	1031.0	257.629	2615	2596	2608	2022-07- 05T13:08: 16	2022-07- 05T13:51: 33	57.0	20220705-19
5350	nw_sup_c hange																			176.0	259.225	0	2363	2349		2022-07- 05T13:51: 41	57.1	
5349	nw_inf_ch ange																			1044.0	258.228	0	2363	2349		2022-07- 05T13:51: 37	57.0	
5348	reeling_ex change	437.66119 38476562 5	38.669914 24560547	13.811023 71215820 3	6.9222173 6907959	0.0	5.0214128 49426269 5	789.83752 44140625	914.99664 30664062	491.21829 22363281 0	.0	65.499031 06689453					0.0	49.061496 73461914	17.093488 69323730 5	992.6	244.215	2444	2432	2443		2022-07- 05T13:08: 16	57.2	20220705-18
5347	reeling_ex change	415.37417 60253906	32.589508 05664062 5	13.240458 48846435 5	6.9222173 6907959	0.0	4.7264981 26983643	737.67889 40429688	856.26574 70703125	465.86651 61132812 0 5	.0	62.701934 81445312 5	21.361352 92053222 7	618.91259 765625	788.79058 83789062	354.39138 79394531	0.0		16.019182 20520019 5	591.0	82.312	847	850	855		2022-07- 05T12:28: 16	57.1	20220705-17
5346					6.9222173 6907959		4.6034979 82025146 5	715.77490 234375	831.57299 8046875	455.22973 6328125 0	.0			600.88104 24804688			0.0	45.971908 56933594	15.587121 00982666	195.9	111.846	1287	1285	1291		2022-07- 05T12:06: 51	56.7	20220705-16
5345	reeling_ex change	367.98724 36523437 5	19.941627 50244140 6	12.007249 83215332	6.9149084 09118652	0.0	4.1043443 67980957	670.82800 29296875	780.89453 125	433.16903 68652344 0	.0	59.080204 01000976 6	19.563039 77966308 6	560.26568 60351562	716.04119 87304688	328.43637 08496094	0.0	43.971630 09643555		952.5	213.194	2303	2273	2257		2022-07- 05T09:30: 08	57.8	20220705-15
5344	nw_sup_c hange																			1200.0	214.525	0	2363	2349		2022-07- 05T09:30: 18	58.2	
5343	nw_inf_ch ange																				213.961	0	2363	2349		2022-07- 05T09:30: 12	57.7	
5342	change	0546875	89794922	59741211		0.0	3.8330032 82546997	627.12139 89257812	730.01904 296875	404.94818 11523437 0 5	.0	55.234840 39306640 6	18.287263 87023925 8	522.19708 25195312	667.34741 2109375	306.11148 07128906	0.0	41.035194 39697265 6	13.627380 37109375	974.1	214.942	2394	2363	2349		2022-07- 05T08:52: 45	58.2	20220705-14
5341	reeling_ex change	317.38925 17089844	17.152067 18444824 2	10.362254 14276123	6.4418983 45947266	0.0	3.5436229 70581054 7	582.09338 37890625	677.57769 77539062	375.86111 45019531 0	.0	51.264556 88476562 5	16.983520 5078125	482.44888 30566406	616.86218 26171875	282.81961 05957031	0.0	37.904472 35107422	12.581373 21472168	978.1	226.875	2394	2365	2356		2022-07- 05T08:13: 20	56.7	20220705-13
5340			15.696848 86932373		6.1324524 87945557	0.0	3.2543222 90420532 2	535.08001 70898438	622.82794 18945312	345.48526 00097656 0	.0	47.116153 71704101 6	15.617124 55749511 7	442.20986 93847656	565.70025 63476562	259.24908 44726562 5	0.0	34.759738 92211914	11.532450 67596435 5	953.8	209.761	2283	2254	2239		2022-07- 05T07:33: 51	56.8	20220705-12
5339	nw_sup_c hange																			951.6	208.827	0	2363	2349		2022-07- 05T07:33: 40	57.1	
5338	nw_inf_ch ange																			950.3	203.885	0	2363	2350		2022-07- 05T07:33: 33	57.1	
5337	reeling_ex change	265.56427 00195312 5	14.291758 53729248	8.6684474 94506836	5.5743708 61053467	0.0	2.9645793 43795776 4	489.01116 94335937 5	569.23120 1171875	315.77807 6171875 0	.0	43.054840 08789062 5	14.265415 19165039	404.06024 16992187 5	516.97399 90234375	236.88407 89794922	0.0	31.735603 33251953	7		224.532	2394	2363	2349		2022-07- 05T06:56: 10	56.7	20220705-11
5336	oriarigo	2	5	02270000	5.0168719 29168701		2.6771700 38223266 6	441.45544 43359375	513.85437 01171875	285.05593 87207031 0	.0	38.871417 99926758	12.877262 11547851 6	364.08517 45605469	465.66461 18164062 5	213.44105 52978515 6	0.0	28.576751 70898437 5	9.4927511 21520996	982.5	221.425	2394	2365	2354		2022-07- 05T06:16: 40	56.6	20220705-10
5335	reeling_ex change	214.63912 96386718 8	11.495789 52789306 6	6.9588298 79760742	4.4906091 69006348	0.0	2.3960354 32815551 8	393.62451 171875	458.20455 93261719	254.16720 58105468 0 8	.0	34.621101 37939453	11.488242 14935302 7	325.22634 88769531	415.76293 9453125	190.66525 26855468 8	0.0	25.526649 47509765 6	8.4988727 56958008	977.2	219.132	2416	2386	2371		2022-07- 05T05:37: 11	57.2	20220705-09
5334	nw_sup_c hange																			973.7	219.664	0	2362	2353		2022-07- 05T05:36: 53	56.7	
5333	nw_sup_c hange																			973.7	219.664	0	2362	2353		2022-07- 05T05:36: 53	56.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5332	reeling_ex change	189.59205 62744140 6	10.160713 19580078 1	6.1323132 51495361	3.9639377 59399414	0.0	2.1210646 62933349 6	345.12152 09960937 5	401.74609 375	222.85304 26025390 6	0.0	30.365671 15783691 4	10.068152 42767334	286.54254 15039062 5	366.14916 9921875	167.97924 8046875	0.0	5	7.4779171 94366455		218.317	2394	2363	2350		2022-07- 05T04:57: 18	56.7	20220705-08
5331	reeling_ex change	164.73295 59326172				0.0						26.132871 62780761 7	8.6766338 34838867	248.19960 02197265 6	317.07296 75292969	145.51179 50439453	0.0	2	6.4880752 56347656		213.859	2394	2367	2357	2022-07- 05T03:38: 20	2022-07- 05T04:17: 47	56.8	20220705-07
5330	reeling_ex change	139.22682 18994140 6	7.5121979 71343994	4.4884710 31188965	2.9041574 00131225 6	0.0	1.5586736 20223999	251.71768 18847656 2	293.02957 15332031	162.55163 57421875	0.0	22.126409 53063965	7.3609294 89135742	210.27543 64013672	268.52471 92382812 5	123.26549 53002929 7	0.0	16.498886 10839843 8	5.4803495 40710449	954.0	211.092	2337	2308	2295	2022-07- 05T02:59: 45	2022-07- 05T03:38: 20	56.8	20220705-06
5329	nw_sup_c hange																			950.3	209.809	0	2362	2353		2022-07- 05T03:38: 07	56.7	
5328	nw_inf_ch ange																			948.5	208.913	0	2362	2348	59	05T03:37: 59	57.1	
5327		4				0.0	5	6	03140023					173.24844 36035156 2				9		969.3	219.955	2394	2362	2353	05T02:20: 15	2022-07- 05T02:59: 45	56.6	20220705-05
5326	criarige	0430004	32410009	23302022			2	0300120	5	104.09293 36547851 6				135.16313 17138672					3.5221638 67950439 5	967.9	222.59	2394	2364	2356	49	05T02:20: 15	57.2	20220705-04
5325	reeling_ex change	65.086402 8930664	3.4382984 63821411	2.0931682 58666992	1.3638789 65377807 6	0.0	0.7256622 91049957 3	116.03855 89599609 4	135.09858 70361328	74.932380 67626953	0.0	10.228465 08026123	3.3663444 51904297	97.522338 8671875	124.59260 55908203 1	57.155818 93920898 4	0.0	7.6574497 22290039	2.5352241 99295044	941.0	210.762	2285	2256	2239	05T01:03: 05	2022-07- 05T01:40: 49	57.2	20220705-03
5324	nw_sup_c hange																			939.2	208.416	0	2362	2348	40	05T01:40: 40	57.0	
5323	nw_inf_ch ange	40.272240	2 1260057	1 2019066	0.9400509		0.4422062						2 1009127			25 025522			1 5004064	937.5	208.718	0	2605	2599		2022-07- 05T01:40: 31	56.7	
5322	reeling_ex change	63842773 4	62252807 6	8	20175170 (3	09033203	86669922				•	61.289245 60546875		•		32000304	1.5994961 26174926 8 0.6138602	967.5	218.485	2393	2362	2348	05T00:23: 35	2022-07- 05T01:03: 05 2022-07-	56.9	20220705-02
5321					0.3329009 41371917 7					18.200176 23901367 2				23.185791 015625				15206909 2	49519348 1		219.694	2394	2369	2357		05T00:23: 35	56.6	20220705-01
5320		836.21801 7578125	45.169269 56176758	03820800 8	4.8818135 26153564 5	0.0	9.2288036 34643555	1444.9787 59765625	09960937	934.41204 83398438	0.0	127.12802 88696289	42.162639 61791992	1248.3825 68359375	65429687 5	731.88769 53125	0.0	98.128486 63330078	32.489837 64648437 5	993.9	232.667	2526	2494	2484		04T23:44: 06	56.9	20220704-38
5319	nw_sup_c hange																			990.8	230.692	0	2605	2599		04T23:43: 51	56.6	
5318	nw_inf_ch ange	000 0 4005	43.731727	00.044450	1007440		0.000700	1396.6939	1000 0470	000 04400		100,00001	10.700701	1000 5001	4504.0400	700 50700		0.4.000.400	04 407404	989.1	229.947	0	2363	2346		04T23:43: 43	57.2	
5317					4.3027410 50720215		29038072	5	703125	903.24432 37304688		13647461	90533203	1208.5021 97265625 1166.9388	53515625	27 148438		57373047	31.467184 06677246 30.362411	1021.4	245.486	2634	2605	2599	04T22:19: 03	04T23:02: 24 2022-07-	56.7	20220704-37
5316					3.7318832 87429809 6 3.6317882		03015137	1341.2542	1561.6514	007.00050				1166.9388 42773437 5 1161.9327				7000004	30.362411 49902343 8 30.227542		16.3311	216	215	214	04T21:47: 37	04T22:19: 03 2022-07-	56.6	20220704-36
5315					3.6317882 53784179 7	0.0	37200000	5	5	03071073	0.0			1161.9327 39257812 5 1134.0666				2.0.0	30.227542 87719726 6 29.499515		156.796	1724	1706	1699	04T21:18: 11	04T21:47: 37 2022-07-	4.8	20220704-35
5314		8671875	28417969	86230468 8	3.2458565 23513794	0.0			1521.8217 7734375		0.0	39111328 1	03442383	50390625	58984375	9140625	0.0	81542969	29.499515 53344726 6	950.3	209.09	2299	2270	2254	04T20:40: 13	04T21:18: 11 2022-07-	57.2	20220704-34
5313	nw_sup_c hange																			947.2	206.48		2363	2346	55 2022-07-			
5312	nw_inf_ch ange	734 77562	39.757659	24 253011	2.7351231		8 0972547	1264.1136	1471.8487	817 53216		111 21057	36.872135	1097 918/	1379.3948	643 69012		86.300043	28.561697	945.5	204.349		2366	2341	04T21:17: 46 2022-07-	04T21:17: 46 2022-07-		
5311					2.7351231 57501220 7 2.2127974					817.53216 55273438				1097.9184 5703125 1060.6917				86.309043 88427734			216.496		2363	2346	43 2022-07-	04T20:40: 13 2022-07-		20220704-33
5310	change	01757812	77392578 37.152496	04016113 3 22.674795	2.2127974 03335571 3 1.7011586	0.0				786.78363 03710938		107.06066 89453125 103.26637	04004007	4004 7074	1001 5001				27.598779 67834472 7		214.118		2364	2346	04T19:21: 18 2022-07-	04T20:00: 43 2022-07-		20220704-32
5309	reeling_ex change	37695312	33789062 5	15075683 6	1.7011586 42768859 9	0.0	7.550/564 54467773	10742187 5	93359375	758.81994 62890625	0.0	26806640	70874023	72851562	84570312 5	600.78045 65429688	0.0	80.556922 91259766	26.662300 10986328	936.2	202.122	2244	2220	2197		04T19:21: 18	56.9	20220704-31

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5308	nw_sup_c hange																			933.1	201.258	0	2366	2341	2022-07- 04T19:21: 02	2022-07- 04T19:21: 02	57.1	
5307	nw_inf_ch ange																			931.3	199.356	0	2356	2336	2022-07- 04T19:20: 54	2022-07- 04T19:20: 54	56.7	
5306				21.932180 40466308 6			7.3051347 73254394 5	1134.1900 63476562 5	1320.6456 29882812 5	733.49096 6796875	0.0	99.821800 2319336	33.075843 81103515 6	990.88061 5234375	1240.6417 23632812 5	580.92034 91210938	0.0	77.896499 63378906	25.781450 27160644 5	966.6	215.874	2394	2366	2341	2022-07- 04T18:04: 37	2022-07- 04T18:44: 10	57.1	20220704-30
5305	reeling_ex change	639.90502 9296875	34.564250 94604492	21.121353 14941406 2	0.6969245 07617950 4	0.0				706.17077 63671875		96.082069 39697266	31.843235 01586914	955.39538 57421875	1194.6856 68945312 5	560.12731 93359375	0.0	75.162513 73291016	24.874614 71557617 2	964.9	217.771	2393	2362	2342	2022-07- 04T17:25: 07	2022-07- 04T18:04: 37	56.8	20220704-29
5304	reeling_ex change	612.26171 875	33.033203 125	20.174676 8951416	0.0958118 14069747 92	0.0	6.7187943 45855713	1050.1202 39257812 5	1222.8054 19921875	679.13159 1796875	0.0	92.463424 68261719	30.639852 52380371	919.53411 86523438	1148.1384 27734375	539.08825 68359375	0.0	72.313255 3100586	23.911138 5345459	976.5	225.061	2434	2396	2378	2022-07- 04T16:44: 50	2022-07- 04T17:25: 07	57.1	20220704-28
5303	nw_sup_c hange																			971.0	224.318	0	2356	2336	2022-07- 04T17:24: 54	2022-07- 04T17:24: 54	56.5	
5302	nw_inf_ch ange																			969.7	224.211	0	2258	2239		2022-07- 04T17:24: 47	56.7	
5301	reeling_ex change	591.02368 1640625	31.886058 80737304 7	19.478893 28002929 7	0.0	0.0	6.4909915 92407227	1006.9440 91796875	1172.5468 75	651.21899 4140625	0.0	88.666870 1171875	29.362649 91760254	883.37091 06445312	1101.2232 66601562 5	517.91632 08007812	0.0	69.478202 81982422	22.973407 74536132 8	966.7	220.484	2393	2356	2336	2022-07- 04T16:05: 12	2022-07- 04T16:44: 50	56.9	20220704-27
5300	reeling_ex change	566.70904 54101562	30.565155 02929687 5	18.688911 43798828	0.0	0.0				624.38500 9765625		85.013038 6352539						66.649040 22216797	22.056886 67297363 3	967.5	216.479	2394	2362	2345	2022-07- 04T15:25: 45	2022-07- 04T16:05: 12	56.7	20220704-26
5299	reeling_ex change	542.12689 20898438	29.243455 88684082	17.884027 4810791	0.0	0.0	5.9489660 26306152	923.33135 98632812	1075.1864 01367187 5	597.15527 34375	0.0	81.263595 58105469	26.940948 48632812 5	811.84265 13671875	1008.4480 59082031 2	476.00170 8984375	0.0	63.880325 31738281	21.109378 81469726 6	380.9	27.6304	332	330	328	2022-07- 04T15:02: 29	2022-07- 04T15:25: 45	57.0	20220704-25
5298	nw_sup_c hange																			372.2	25.9636	0	2258	2239	2022-07- 04T15:25: 26	2022-07- 04T15:25: 26	56.6	
5297	nw_inf_ch ange																			369.1	25.4151	0	2362	2341	2022-07- 04T15:25: 20	2022-07- 04T15:25: 20	57.1	
5296	change	29002012	40270996			0.0	09008789	20903120	53515625			80.609832 76367188						63.378028 86962890 6	20.973850 25024414	958.7	212.816	2286	2258	2239	2022-07- 04T14:24: 03	2022-07- 04T15:02: 29	50.2	20220704-24
5295	reeling_ex change	514.18395 99609375	27.731403 35083007 8	16.960308 07495117 2	0.0	0.0	5.6458320 61767578	874.53729 24804688	1018.3869 62890625	565.57928 46679688	0.0		87097168	29002012	83203125	30/18/5		10317303		1061.1	257.385	2805	2770	2749	2022-07- 04T13:37: 36	2022-07- 04T14:24: 03	56.8	20220704-23
5294	reeling_ex change	00585937 5	11975097 7			0.0	/1551514	15234375	15429688			72.429885 86425781						57.425224 30419922	18.979841 23229980 5	463.5	39.494	456	452	456	2022-07- 04T12:59: 03	2022-07- 04T13:37: 36	56.5	20220704-22
5293	onange	5	4			0.0	34240723	02539062	91015625			71.542366 02783203	23.730588 91296386 7	720.68920 8984375	890.14855 95703125	422.58465 57617187 5	0.0	56.735649 10888672	18.760763 16833496	652.6	96.4443	1037	1025	1019	2022-07- 04T12:41: 11	2022-07- 04T12:59: 03	12.6	20220704-21
5292	reeling_ex change	465.78860 47363281	25.123699 18823242 2	15.378726 95922851 6	0.0	0.0	5.1131982 80334473	794.02435 30273438	924.63067 62695312	513.51672 36328125	0.0	69.886856 07910156	23.180076 59912109 4	704.69177 24609375	869.35797 11914062	413.21875	0.0		18.350189 20898437 5	952.5	213.07	2330	2300	2279	2022-07- 04T12:02: 28	2022-07- 04T12:41: 11	57.1	20220704-20
5291	nw_inf_ch ange																			949.9	210.186	0	2361	2344	2022-07- 04T12:40: 56	2022-07- 04T12:40: 56	56.6	
5290	nw_inf_ch ange																			949.9	210.186	0	2361	2344	04T12:40: 56	2022-07- 04T12:40: 56	56.6	
5289	reeling_ex change	442.75277 70996094	23.895936 96594238 3	14.618095 39794921 9	0.0	0.0	19317627	38671875	875.11590 57617188	22363281	0.0	66.114639 28222656	21.921274 18518066 4	669.46435 546875	823.65557 86132812	392.57281 49414062 5	0.0	21801758	17.418933 86840820 3	011.0	217.662	2393	2362	2341	41	04T12:02: 28	56.9	20220704-19
5288				13.790493 01147461		0.0	108/011/	69140625	42773438			62.253490 44799805						01100000	16.506299 97253418		218.283	2394	2364	2345	2022-07- 04T10:43	2022-07- 04T11:22: 41	57.3	20220704-18
5287	reeling_ex change	393.30197 14355469	21.230642 31872558 6	12.985925 67443847 7	0.0	0.0	4.3147659 30175781	665.50732 421875	775.02362 06054688	430.36834 71679687 5	0.0	58.607032 77587890 6	19.399215 69824218 8	597.57489 01367188	730.79010 00976562	350.41149 90234375	0.0	47.006031 03637695	15.552478 79028320 3	962.2	217.139	2366	2336	2319	2022-07- 04T10:03: 40	2022-07- 04T10:43	57.0	20220704-17
5286	nw_sup_c hange																			957.4	216.321	0	2361	2344	2022-07- 04T10:42: 48	2022-07- 04T10:42: 48	57.2	
5285	nw_inf_ch ange																			956.0	215.927	0	2364	2340	2022-07- 04T10:42: 42	2022-07- 04T10:42: 42	56.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5284	reeling_ex change	368.77932 73925781	19.918106 07910156 2	12.188208 58001709	0.0	0.0	4.0450000 76293945	624.48699 95117188	727.26068 11523438	403.87023 92578125	.0	54.969879 15039062 5	18.222105 02624511 7	561.73010 25390625	684.42401 12304688	329.37738 03710937 5	0.0	44.188831 3293457	14.617418 28918457	969.3	216.739	2393	2361	2344	2022-07- 04T09:23: 54	2022-07- 04T10:03: 40	57.0	20220704-16
5283	reeling_ex change	344.12075 80566406	18.588832 85522461	11.386268 61572265 6	0.0	0.0	3.7719457 14950561 5	582.96533 203125	678.90283 203125	377.00604 24804687 5	.0	51.337650 29907226 6	17.016782 76062011 7	525.58782 95898438	637.49414 0625	308.19772 33886719	0.0	41.352100 37231445		971.5	215.479	2393	2363	2348	2022-07- 04T08:44: 10	2022-07- 04T09:23: 54	57.1	20220704-15
5282	reeling_ex change	320.44979 85839844	17.314918 51806640 6	10.590871 81091308 6	0.0	0.0	3.5138561 72561645 5	541.07885 7421875	630.14447 02148438	349.93395 99609375	.0	47.583419 79980469	15.774567 60406494 1	489.23852 5390625	590.28045 65429688	286.88531 49414062 5	0.0		12.730142 59338378 9	955.1	209.721	2323	2295	2272	2022-07- 04T08:05: 33	2022-07- 04T08:44: 10	57.2	20220704-14
5281	nw_sup_c hange																			951.2	208.968	0	2364	2340		2022-07- 04T08:44	56.7	
5280	nw_inf_ch ange																			949.4	207.89	0	2364	2340	2022-07- 04T08:43: 52	2022-07- 04T08:43: 52	57.0	
5279	criarige	296.10379 02832031	94360076	00000400		0.0	3.2460019 58847046	500.57296 75292969	582.98199 46289062	323.72225 95214844	.0	44.073284 14916992	14.602534 29412841 8	454.06823 73046875	544.75054 93164062	266.27572 63183594	0.0	35.750019 07348633	11.810321 80786132 8	973.1	215.857	2393	2364	2340	2022-07- 04T07:25: 47	2022-07- 04T08:05: 33	56.8	20220704-13
5278	reeling_ex change	272.24432 37304687 5	14.725188 25531005 9	9.0089321 13647461	0.0	0.0	2.9827823 63891601 6	458.71182 25097656	534.24310 30273438	296.64913 94042969	.0	40.367118 83544922	13.372704 50592041	417.75033 56933594	498.06564 33105469	244.95072 93701172	0.0	11547851 6	10.863151 55029296 9		217.284	2394	2365	2345	2022-07- 04T06:46: 02	2022-07- 04T07:25: 47	56.9	20220704-12
5277	reeling_ex change	247.65431 21337890 6	13.407853 12652587 9	8.1882982 25402832	0.0	0.0	2.7176713 94348144 5	416.72018 43261719	485.32699 58496094	269.48950 1953125	.0	36.665916 44287109 4	12.158253 66973877	381.53411 86523437 5	451.66336 05957031	223.73846 43554687 5	0.0	30.044111 25183105 5	9.9187126 15966797	951.6	211.149	2314	2285	2262	2022-07- 04T06:07: 36	2022-07- 04T06:46: 02	57.0	20220704-11
5276	nw_sup_c hange																			948.5	209.529	0	2356	2340	2022-07- 04T06:45: 48	2022-07- 04T06:45: 48	56.6	
5275	nw_sup_c hange																			948.5	209.529	0	2356	2340	2022-07- 04T06:45: 48	2022-07- 04T06:45: 48	56.6	
5274	reeling_ex change	224.03622 43652343 8	12.129444 12231445 3	7.3970341 68243408	0.0	0.0	2.4607179 16488647 5	376.69479 37011719	438.72073 36425781	243.62423 70605468 8	.0	33.139125 82397461	10.991589 54620361 3	346.05288 69628906	406.78292 84667969	202.92454 52880859 4	0.0	27.208477 02026367 2	8.9780817 03186035	975.3	215.949	2394	2364	2340	2022-07- 04T05:27: 50	2022-07- 04T06:07: 36	56.6	20220704-10
5273	reeling_ex change	79130390	10.852757 45391845 7	6.6147217 75054932	0.0	0.0	2.1976013 18359375	336.07431 03027344	391.41122 43652344	217.36444 09179687 5	.0	29.553150 17700195 3	9.7959079 74243164	308.77059 93652344	362.83172 60742187 5	181.04238 89160156 2	0.0	24.313982 00988769 5	8.0199661 25488281	971.9	217.284	2393	2364	2343	2022-07- 04T04:48: 06	2022-07- 04T05:27: 50	56.8	20220704-09
5272	reeling_ex change	175.70640 56396484 4	9.5312776 56555176	5.8206939 69726562 5	0.0	0.0	4 0000007	205 20500				25.970705 03234863 3	8.6263189 3157959	271.38317 87109375	318.94894 40917969	159.13693 23730468 8	0.0	21.364471 43554687 5	7.0451931 95343018	960.3	216.184	2375	2343	2323	2022-07- 04T04:08: 38	2022-07- 04T04:48: 06	56.9	20220704-08
5271	nw_sup_c hange																			956.0	214.984	0	2356	2340	2022-07- 04T04:47: 54		57.2	
5270	nw_inf_ch ange																			954.3	216.042	0	2355	2342	2022-07- 04T04:47: 47	2022-07- 04T04:47: 47	57.2	
5269	reeling_ex change	151.06152 34375	8.1946945 19042969	4.9965610 50415039	0.0	0.0	1.6572033 16688537 6	254.91996 76513672	296.91491 69921875	164.89323 42529297	.0	22.388309 47875976 6	7.4323487 28179932	233.96697 99804687 5	275.43444 82421875	137.21742 24853515 6	0.0		6.0483927 72674560 5	971.9	218.678	2393	2356	2340	2022-07- 04T03:28: 52	2022-07- 04T04:08: 38	56.8	20220704-07
5268	reeling_ex change	127.09925 07934570 3	6.9148855 20935059	4.2152137 75634766	0.0	0.0	1.3972125 05340576 2	214.05143 73779297	249.32225 03662109 4	138.44915 77148437 0	.0	18.803287 50610351 6					0.0	15.419310 56976318 4	5.0851979 25567627	971.9	216.285	2394	2364	2348	2022-07- 04T02:49: 08	2022-07- 04T03:28: 52	57.0	20220704-06
5267	reeling_ex change	103.25590 51513671 9	5.6168956 7565918	3.4206285 47668457	0.0	0.0				112.16889 19067382 8			F 070F700	450 00400	100 50005	00 440004		12.480072 02148437 5	4.1251802 44445801	969.3	215.378	2415	2377	2363	2022-07- 04T02:09: 09		56.7	20220704-05
5266	nw_sup_c hange																			967.5	215.999	0	2355	2342	2022-07-		56.9	
5265	nw_inf_ch ange																			965.7	215.271	0	2354	2340	2022-07-		56.7	
5264	reeling_ex change	79.014442 44384766	4.3088197 70812988	2.6320333 48083496	0.0	0.0	0.8674444 55623626 7	132.22994 99511718 8	154.03532 40966797	85.546501 15966797	.0	11.578226 08947753 9	3.8609087 46719360 4	121.05197 90649414	144.05377 19726562 5	71.018180 84716797	0.0		3.1372981 07147217	967.0	215.025	2394	2355	2342	2022-07-		57.3	20220704-04
5263	reeling_ex	55.174877 16674805	3.0132772 92251587	1.8513066 76864624	0.0	0.0				59.141624 45068359 4		8.0472192 76428223						6.5676827 4307251	2.1763513 08822632	965.7	215.571	2393	2360	2348	2022-07-		57.0	20220704-03
5262	reeling_ex	30.624608 99353027 3	1.6709742 54608154 3	1.0202780 96199035 6	0.0	0.0				33.123603 82080078		4.5050439 83459473	1.5073611	47.338844 29931640				3.6614689 82696533	1.2131170 03440857	953.3	207.248	2348	2310	2297	2022-07- 04T00:10:	2022-07- 04T00:49: 38	56.9	20220704-02
5261	nw_sup_c		J	J			,		•						•					951.5	205.998	0	2354	2340	2022-07-	2022-07- 04T00:49: 29	57.1	
5260	nw_inf_ch ange																			950.2	205.536	0	2358	2344		2022-07- 04T00:49:	56.6	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5260	nw_inf_ch ange																			950.2	205.536	0	2358	2344	21	21	56.6	
5259	reeling_ex change	7.1099429 1305542	0.3840273 91672134 4	0.2360320 68729400 63	0.0	0.0	0.0797128 23033332 82	11.484402 65655517 6	13.361070 63293457	7.4399480 81970215	0.0	1.0080257 65419006 3	0.3371644 91415023 8	10.865298 2711792	12.677811 62261962 9	6.3787779 80804443	0.0	0.8201063 27533721 9	0.2760562 30068206 8	967.9	215.01	2393	2354	2340	2022-07- 03T23:30: 52	2022-07- 04T00:10: 36	57.1	20220704-01
5258	reeling_ex change	806.09478 75976562	46.891643 52416992	26.447828 29284668	0.0	0.0	8.8739280 7006836	1323.2950 43945312 5	1540.7095 94726562 5	851.50341 796875	0.0	116.33790 58837890 6	38.467857 36083984 4	1223.2116 69921875	1412.2690 4296875	713.00817 87109375	0.0	96.028076 171875	31.856182 09838867 2	967.5	214.192	2393	2365	2348	2022-07- 03T22:51: 09	2022-07- 03T23:30: 52	57.2	20220703-36
5257	reeling_ex change	782.04858 3984375	45.571590 42358398 4	25.638696 67053222 7	0.0	0.0				825.44439 69726562		112.77328 49121093 8					0.0	93.128585 81542969	30.882478 71398925 8	960.4	212.538	2368	2332	2319	2022-07- 03T22:11: 47	2022-07- 03T22:51: 09	56.9	20220703-35
5256	nw_sup_c hange																			957.4	210.139	0	2358	2344	2022-07- 03T22:50: 53		56.7	
5255	nw_inf_ch ange																			956.0	209.834	0	586	584	2022-07-		56.6	
5254	reeling_ex	757.64038 0859375	44.223651 88598633	24.811347 96142578	0.0	0.0	8.3513698 57788086	1242.9638 671875	1447.1311 03515625	799.47692 87109375	0.0	109.26022 33886718	74303040	03040437	13432101	669.48937 98828125	0.0	90.223625 18310547	29.908811 56921386	964.9	214.647	2393	2358	2344	2022-07-	2022-07- 03T22:11:	56.8	20220703-34
5253				24.015272 14050293	0.0	0.0	8.0878286 36169434	1202.0118 40820312	1399.4493 40820312	772.96258 54492188	0.0	105.62290 95458984 4		5 1111.3537 59765625		647.34558 10546875	0.0		28.936527 25219726 6	963.5	214.297	2393	2361	2352	2022-07- 03T20:52:	03T21:32:	57.0	20220703-33
5252	reeling_ex		41.533794	23.198354		0.0				746.89282 2265625			33.763359	1073.9907	1239.8062		0.0		27.963916 77856445	834.9	161.824	1800	1772	1765		03T20:52:	56.6	20220703-32
5251	nw_sup_c			6					5						5				3	830.0	160.117	0	2261	2249		03T20:51:	56.5	
5250	nw_sup_c																			830.0	160.117	0	2261	2249		03T20:51:	56.5	
5249	_	691.24462	40.547698 97460937	22.610670 08972168	0.0	0.0	7.6191711	1131.3581	1317.1545 41015625	727.20733	0.0	99.393127 44140625	32.882431	1045.8939 20898437	1207.5043	608.95922	0.0	82.065635 68115234	27.213300 70495605	501.2	49.814	594	586	584	59 2022-07- 03T19:51:	59 2022-07- 03T20:22:	57.1	20220703-31
5248				22.261190 41442871		0.0				718.32958 984375	0.0	98.199745 17822266					0.0	81.061859	5 26.880174		213.933	2393	2365	2349	21 2022-07- 03T19:11:	29 2022-07- 03T19:51:	56.7	20220703-30
5247			•	21.472320 55664062 5		0.0				692.00231 93359375		94.623596 19140625					0.0	78.119361	25.911375 04577636			2393	2367	2351	32 2022-07-	21		20220703-29
5246	reeling ex	631.71942	37.288444	20.643283		0.0				93359375 665.43487 54882812		90.990554 80957031					0.0	75.101943	7 24.886720 65734863		166.991	1850	1823	1814	45 2022-07-	32		20220703-28
5245	change nw_sup_c	13867188	51904297	84399414	0.0	0.0	56585693	70703125	5	54882812	0.0	80957031	5	09570312	5	3125	0.0	96972656	3	840.6	166.494		2261	2249	55 2022-07-	45		20220100 20
	hange nw_inf_ch																								39 2022-07-	39 2022-07-		
5244	ange	613.02490	36.272174	20.044897			6.7605757	1003.8280	1168.6212	644.59790		88.139991	29.158416	927.35577	1071.0015	539.37176		72.771324 15771484	24.138677	838.4		0	2361	2351	31 2022-07-			
5243	change	234375	83520508	3		0.0	6.7605757 71331787					88.139991 7602539 84.696533						60 027110	23.171815		207.704	2293	2261	2249	46 2022-07-			20220703-27
5242				19.280063 62915039	0.0	0.0				619.14483 64257812		203125	20099121	5/220502	8010020	8203125	0.0	9008789	3	941.2	205.906	2293	2265	2252	03T16:44: 43 2022-07-	03T17:22: 46 2022-07-	56.7	20220703-26
5241	change	59375	39746094	47607422	0.0	0.0	6.2301101 68457031					81.196380 61523438					0.0	67.056655 88378906	30285644 5		24.7752	310	308	306		03T16:44: 43	56.7	20220703-25
5240	change	99004000	1001343			0.0	5	79101302	333373			80.016036 98730469					0.0		19030761 7	1200.0	15.7881	385	369	367	03T15:28: 48	03T15:32: 03	57.0	20220703-24
5239	reeling_ex change	549.45605 46875	32.823688 50708008	17.976350 78430175 8	0.0	0.0	6.0595440 86456299	908.08660 88867188	23632812 5	582.57800 29296875	0.0	79.721237 18261719	20.352476 11999511 7	838.19781 49414062	968.30010 98632812	36914062 5	0.0	65.808631 89697266	21.816726 68457031 2	967.5	217.305	2418	2386	2376	03T14:48: 32	2022-07- 03T15:28: 48	56.9	20220703-23
5238	nw_sup_c hange																			965.7	216.758	0	2361	2351	03T15:28: 41	2022-07- 03T15:28: 41	57.2	
5237	nw_inf_ch ange																			964.4	216.119	0	2353	2344	03T15:28:	2022-07- 03T15:28: 34	57.2	
5236	reeling_ex change	523.80877 68554688	31.432542 80090332	17.141145 70617675	0.0	0.0	5.7853145 59936523	866.14532 47070312	1008.2106 93359375	555.38928 22265625	0.0	76.007911 6821289	25.129266 7388916	799.94305 41992188	924.25744 62890625	464.64279 17480469	0.0	62.757457 7331543	20.828931 80847168	963.9	214.724	2393	2361	2351	2022-07- 03T14:08:	2022-07- 03T14:48:	56.9	20220703-22

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5236	criarige	523.80877 68554688	00090332		0.0	0.0	5.7853145 59936523	866.14532 47070312	1008.2106 93359375	555.38928 22265625	0.0	76.007911 6821289	25.129266 7388916	799.94305 41992188	924.25744 62890625	464.64279 17480469	0.0		20.828931 80847168	963.9	214.724	2393	2361	2351	43	32	56.9	20220703-22
5235	reeling_ex change	499.08090 20996094	30.088674 54528808 6	16.354259 49096679 7	0.0	0.0	5.5160589 21813965	825.02832 03125	960.33612 06054688	528.77221 6796875	0.0	72.420875 5493164	23.939447 4029541	761.60876 46484375	880.08966 06445312	442.13381 95800781	0.0	82177734	19.825284 95788574 2	966.6	214.192	2393	2367	2356	2022-07- 03T13:28: 55	2022-07- 03T14:08: 43	56.8	20220703-21
5234	reeling_ex change	87695312	28.725624 08447265 6	86590576	0.0	0.0	5.2349247 93243408	783.40234 375	911.86419 67773438	501.81832 88574219	0.0	68.728622 43652344	22.718826 29394531 2	723.31689 453125	835.98571 77734375	419.68023 68164062 5	0.0	56.771125 79345703	18.831665 0390625	959.3	215.576	2381	2346	2332	2022-07- 03T12:49: 17	2022-07- 03T13:28: 55	56.9	20220703-20
5233	nw_sup_c hange																			955.1	214.358	0	2353	2344		2022-07- 03T13:28: 45	57.1	
5232	nw_inf_ch ange																			953.8	212.264	0	2353	2346		2022-07- 03T13:28: 38	57.1	
5231	reeling_ex change	449.49356 07910156	27.420614 24255371	14.717743 87359619	0.0	0.0	4.9704132 08007812 5	742.35498 046875	864.05792 23632812	475.23526 00097656	0.0	65.146301 26953125	21.537334 44213867 2	685.46331 78710938	792.35650 63476562	397.48074 34082031	0.0	53.775566 10107422	17.844314 57519531 2	964.9	214.556	2393	2353	2344		2022-07- 03T12:49: 17	56.6	20220703-19
5230		425.26092	26.110645 29418945			0.0				448.58526 61132812 5	0.0		20.316736 22131347	647.02362 06054688				50.780960 08300781	16.838695		215.739	2393	2360	2351	2022-07- 03T11:29:		57.1	20220703-18
5229	reeling_ex		23669433	13.094595 90911865 2	0.0	0.0	4.4251174	659.95599		421.85852		57.890815 73486328	19.130565 64331054 7	608.53997 80273438	703.76910 40039062	352.35504 15039062 5	0.0		15.836728	943.2	203.168	2249	2211	2204	2022-07- 03T10:52:		57.1	20220703-17
5228	nw_sup_c hange			_																941.1	202.002	0	2353	2346	2022-07- 03T11:29:		56.6	
5227	nw_inf_ch ange																			939.7	202.73	0	2352	2344	2022-07- 03T11:29:		56.8	
5226	reeling_ex change	377.29388 42773437 5	23.531572 34191894 5	12.352330 20782470 7	0.0	0.0	4.1776504 51660156	620.79895 01953125	722.52447 50976562	396.49450 68359375	0.0	54.437133 7890625	17.990318 29833984 4	572.92083 74023438	662.78594 97070312	331.45343 01757812	0.0		14.888494 49157714 8	980.3	214.01	2394	2353	2346	2022-07- 03T10:12:		57.0	20220703-16
5225		352.27749 63378906		11.550409 31701660	0.0	0.0	3.9061987 40005493	579.73937 98828125	674.71856 68945312	369.89404 296875	0.0	50.808494		534.53997 80273438			0.0	51416015	13.877693 17626953	981.2	212.842	2394	2358	2350	2022-07- 03T09:32:		56.8	20220703-15
5224		328.28005 98144531				0.0			626.95397 94921875	343.32485 96191406	0.0			496.72192 3828125			0.0	-	12.907815	945.9	204.226	2265	2226	2219	2022-07- 03T08:54:		56.8	20220703-14
5223	nw_sup_c hange																			944.1	203.585	0	2352	2344	2022-07- 03T09:32:		56.7	
5222	nw_inf_ch ange																			942.4	202.853	0	2347	2333	2022-07- 03T09:32:		56.8	
5221	reeling_ex change	304.69323 73046875	19.604515 07568359	9.9755420 68481445	0.0	0.0	3.3828628 06320190 4	499.93771 36230469	581.82055 6640625	318.24639 89257812	0.0	43.835296 63085937	14.480748 17657470 7	461.04309 08203125	534.00305 17578125	265.85876 46484375	0.0	36.069084 16748047	11.984322 54791259	975.7	215.571	2393	2352	2344	2022-07- 03T08:15:		56.7	20220703-13
5220		280.66528 3203125				0.0					0.0			423.33239 74609375			0.0	33.118976 59301758		977.4	214.815	2393	2355	2345	2022-07- 03T07:35:	2022-07- 03T08:15: 01	56.7	20220703-12
5219	reeling_ex	255.76142 88330078	16.970649	8.3749542		0.0	2.8505220	418.72018		265.68612	0.0			385.63699 34082031				30.177646 63696289	9.9944105 14831543	953.0	209.113	2333	2290	2276	2022-07- 03T06:56:		56.7	20220703-11
5218	nw_sup_c hange																			950.8	207.908	0	2347	2333		2022-07- 03T07:35: 03	57.1	
5217	nw_inf_ch ange																			949.4	210.644	0	2354	2337		2022-07- 03T07:34: 56	56.8	
5216	reeling_ex change	231.95600 89111328	15.683525 08544921 9	7.5846800 80413818	0.0	0.0	2.5850133 89587402 3	378.89364 62402344	440.93170 16601562 5	239.92189 02587890 6	0.0	33.132164 00146484 4	10.953919 41070556 6	349.07666 015625	404.54766 84570312 5	200.30290 22216797	0.0	27.284109 11560058 6	9.0427818 29833984	971.2	213.765	2393	2347	2333	2022-07- 03T06:16:		56.7	20220703-10
5215		206.44209 28955078				0.0		338 54516	393.97198	213.85317 99316406 2								04.007040	8.0585727 69165039		217.284	2394	2351	2340	2022-07- 03T05:37:		57.0	20220703-09
5214		181.68806 45751953				0.0	2.0369403	297.13314		187.07429 50439453	0.0	25.962366	8.5697851	273.51196 2890625	317.05972	156.07273 86474609 4	0.0	21.367532	7.0739245 41473389	970.3	217.217	2405	2366	2347	2022-07- 03T04:57:	2022-07- 03T05:37: 06	57.1	20220703-08
5213	nw_sup_c hange																			967.0	215.842	0	2039	2036		2022-07- 03T05:36: 50	57.3	
5212	nw_inf_ch ange																			966.6	215.582	0	2039	2036	0000.07	2022-07- 03T05:36:	56.7	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5212	nw_inf_ch ange																			966.6	215.582	0	2039	2036	49	49	56.7	
5211				5.1567106 24694824	0.0	0.0	1.7624613 04664611 8	255.60267 63916015 6	297.41842 65136719	160.22558 59375	0.0	22.254344 94018554 7	7.3673472 40447998	235.17161 56005859 4	272.60363 76953125	133.62426 7578125	0.0	18.353210 44921875	6.0710535 04943848	970.6	219.938	2393	2354	2337	2022-07- 03T04:17: 27	2022-07- 03T04:57: 10	57.3	20220703-07
5210	reeling_ex change	132.29641 72363281 2	10.325002 67028808 6	4.3635349 27368164	0.0	0.0			248.83790 58837890 6		0.0	18.594551 08642578	6.1655464 17236328	196.91969 29931640 6	228.16314 69726562 5	111.22814 17846679 7	0.0		5.0924787 52136230 5	969.3	220.39	2393	2359	2347	2022-07- 03T03:37: 46	2022-07- 03T04:17: 27	56.8	20220703-06
5209	reeling_ex change	106.83800 50659179 7	8.9618272 78137207	3.5441462 99362182 6	0.0	0.0	71601867		200.40122 98583984 4		0.0	14.996347 42736816 4	4.9404244 4229126	158.29777 52685547	183.45126 34277343 8	88.635322 57080078	0.0	12.266746 52099609 4	4.0836672 78289795	896.5	190.795	2072	2036	2031	2022-07- 03T03:03: 22	2022-07- 03T03:37: 46	57.2	20220703-05
5208	nw_sup_c hange																			894.8	189.771	0	2039	2036	2022-07- 03T03:37: 36	2022-07- 03T03:37: 36	56.6	
5207	nw_inf_ch ange																			893.0	186.957	0	2395	2395	2022-07- 03T03:37: 29	2022-07- 03T03:37: 29	56.8	
5206				2.8368809 22317505	0.0	0.0	0.9642537 83226013 2		157.92173 76708984 4	82.775123 5961914	0.0			124.70561 98120117 2	144.58543 39599609 4	68.994422 91259766	0.0	9.6826162 33825684	3.2144813 53759765 6	900.9	192.536	2072	2039	2036	2022-07- 03T02:28: 59	2022-07- 03T03:03: 22	56.8	20220703-04
5205	reeling_ex change	62.897933 95996094	6.6593494 4152832	2.1640162 46795654 3	0.0	0.0	0.7328774 92904663 1	99.019355 77392578	115.05040 74096679 7	58.981281 28051758	0.0	8.5197839 73693848	2.8275096 41647339	90.464462 28027344	104.82073 97460937 5	48.927574 15771484 4	0.0	6.9709796 90551758	2.3169460 29663086	901.8	192.681	2072	2040	2039	2022-07- 03T01:54: 42	2022-07- 03T02:28: 59	57.2	20220703-03
5204	reeling_ex change	39.701156 61621094	5.4368066 78771973	1.4341441 39289856	0.0	0.0	0.4733477 53286361 7	62.479885 10131836	72.470726 0131836	35.353328 70483398 4	0.0	5.3281960 48736572	1.7542903 42330932 6	56.554809 5703125	65.532592 7734375	29.062149 04785156 2	0.0	4.3078584 67102051	1.4449939 72778320 3	621.6	84.0858	935	919	924		2022-07- 03T01:54: 42	56.9	20220703-02
5203	reeling_ex change	10010050	18957519	0.6008650 06446838 4	0.0	0.0	0.1932131 79707527 16	32.543048 85864258	37.592060 08911133	16.226633 07189941 4	0.0	2.6618874 07302856 4	0.8760808 70628356 9	29.445924 75891113 3	34.017131 80541992	13.297040 93933105 5	0.0	2.1533160 20965576	0.7365252 97164917	946.3	205.411	2370	2362	2363	2022-07- 02T23:49: 59	2022-07- 03T00:29: 25	57.3	20220703-01
5202	nw_sup_c hange																			944.6	205.412	0	2393	2400		2022-07- 03T00:29: 17	57.2	
5201	nw_inf_ch ange																			944.1	205.401	0	2393	2400		2022-07- 03T00:29: 14	56.9	
5200	reeling_ex change	683.61749 26757812	175.53596 49658203	27.290843 96362304 7	0.0	0.0	8.9391031 26525879	1489.1234 13085937 5	1670.1622 31445312 5	729.47503 66210938	0.0054656 00173920 393	121.71459 9609375	40.264301 30004883	1321.7421 875	1492.8218 99414062 5	586.53479 00390625	0.0	96.515426 63574219	31.904420 85266113 3	950.3	208.642	2405	2395	2395	2022-07- 02T23:10: 01	2022-07- 02T23:49: 59	57.0	20220702-37
5199	reeling_ex change	663.85137 93945312	170.40092 46826172	26.482833 86230468 8	0.0	0.0	8.6822032 9284668	1446.2368 1640625	1620.6546 63085937 5	708.10467 52929688	0.0054656 00173920 393	118.15359 49707031 2	39.091136 93237305	1283.4791 25976562 5	1448.7965 08789062 5	569.25976 5625	0.0	93.670295 71533203	30.980346 6796875	948.5	206.749	2404	2399	2400	2022-07- 02T22:30: 02	2022-07- 02T23:10: 01	56.7	20220702-36
5198	reeling_ex change	644.10284 42382812	165.25267 02880859 4	25.700170 51696777 3	0.0	0.0	8.4230356 21643066	1404.0202 63671875	1571.8945 3125	687.03283 69140625	0.0054656 00173920 393	114.69282 53173828 1	37.949386 59667969	1245.2263 18359375	1404.7694 09179687 5	551.99951 171875	0.0	90.819572 44873047	30.036279 67834472 7	950.8	206.387	2397	2384	2388		2022-07- 02T22:30: 02	56.7	20220702-35
5197	nw_sup_c hange																			949.9	206.247	0	2393	2400	2022-07- 02T22:29: 58	2022-07- 02T22:29: 58	56.7	
5196	nw_inf_ch ange																			948.1	205.337	0	2395	2400	2022-07- 02T22:29: 50	2022-07- 02T22:29: 50	56.7	
5195	reeling_ex change	624.30773 92578125	160.08489 99023437 5	24.954463 95874023 4	0.0	0.0	8.1594381 33239746	1361.3526 61132812 5	1522.6291 50390625	665.77117 91992188	0.0054656 00173920 393	111.11467 74291992 2	36.764640 80810547	1207.0200 1953125	1360.6708 984375	534.75213 62304688	0.0	13232303	29.093070 98388672	952.0	207.21	2405	2393	2400	2022-07- 02T21:10: 13	2022-07- 02T21:50: 11	56.9	20220702-34
5194	reeling_ex change	604.34509 27734375	154.88819 88525390 6	24.144905 09033203	0.0	0.0			1473.1243 89648437 5									85.170928 95507812	28.149250 03051757 8	953.7	208.481	2404	2399	2408	2022-07- 02T20:30: 16	2022-07- 02T21:10: 13	56.9	20220702-33
5193				22 22/276		0.0	7.6462473 86932373	1275.7359 61914062 5	1423.7410 88867187 5	623.03192 13867188	0.0054656 00173920 393	104.07465 36254882 8	34.410560 60791015 6	1130.6901 85546875	1272.4688 72070312 5	500.27349 85351562 5	0.0	82.317962 64648438	27.233242 03491211	950.0	205.388	2376	2367	2372		2022-07- 02T20:30: 16	56.7	20220702-32
5192	nw_sup_c hange																			948.1	204.949	0	2395	2400	2022-07- 02T20:30: 10	02T20:30:	57.2	
5191	nw_inf_ch ange																			946.3	204.168	0	2395	2395	2022-07- 02T20:30: 03	02T20:30:	57.2	
5190	reeling_ex change	564.46997 0703125	144.53230 28564453	22.526849 7467041	0.0	0.0	7.3823204 04052734	1233.4487 3046875	1374.9191 89453125	601.93218 99414062	0.0054656 00173920 393	100.55256 65283203 1	33.261768 34106445	1092.2774 65820312 5	1227.9697 265625	482.91055 29785156	0.0	79.479125 9765625	26.293165 20690918	953.0	211.682	2405	2395	2400	2022-07- 02T19:10: 46	02T19:50:	56.9	20220702-31
5189	reeling_ex change	544.46325 68359375	139.36151 12304687 5	21.703668 59436035	0.0	0.0	7.1215715 40832519 5	1190.3493 65234375	1325.1350 09765625	580.39849 85351562	0.0054656 00173920 393	96.920989 99023438	32.065071 10595703	1053.5285 64453125	1183.1121 82617187 5	465.41390 99121094	0.0	76.640342 71240234	25.330162 04833984 4	951.6	209.489	2405	2399	2405	2022-07- 02T18:30: 49	2022-07- 02T19:10: 46	57.0	20220702-30
5188	reeling_ex change	524.27062 98828125	134.13714 59960937	20.884159 08813476	0.0	0.0	6.8592410 08758545	1146.3884 27734375	1274.3747 55859375	558.46875	0.0054656 00173920	93.291183 47167969	30.870489 1204834	1014.7631 22558593	1138.1199 95117187	447.87905 88378906	0.0	73.742286 6821289	24.366790 77148437	929.7	203.174	2316	2308	2308	2022-07- 02T17:52:	2022-07- 02T18:30:	56.6	20220702-29

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5188		524.27062 98828125	5	6	0.0	0.0	6.8592410 08758545	1146.3884 27734375	1274.3747 55859375	558.46875	393	93.291183 47167969		8	5	447.87905 88378906	0.0	73.742286 6821289	5	929.7	203.174	2316	2308	2308	17	49	56.6	20220702-29
5187	nw_sup_c hange																			927.8	202.55	0	2395	2395	2022-07- 02T18:30: 43	2022-07- 02T18:30: 43	56.7	
5186	nw_inf_ch ange																			926.5	199.754	0	2392	2391	2022-07- 02T18:30: 36	2022-07- 02T18:30: 36	56.6	
5185	reeling_ex change	505.17910 76660156	129.20126 34277343 8	20.114500 04577636 7	0.0	0.0	6.6028609 27581787	1104.7066 65039062 5	1226.2354 73632812 5	537.65246 58203125	0.0054656 00173920 393	89.793563 84277344	29.704984 66491699 2	977.29504 39453125	1094.6475 83007812 5	430.95693 96972656	0.0		23.456094 74182129	951.2	210.497	2404	2395	2395	2022-07- 02T17:12: 19	2022-07- 02T17:52: 17	56.8	20220702-28
5184	reeling_ex change	485.44097 90039062 5	57373046	19.303241 72973632 8	0.0	0.0	6.3467879 29534912	1053.8760 98632812 5	1167.7565 91796875	512.28356 93359375	0.0054656 00173920 393	85.598472 59521484	28.324483 87145996	938.41802 97851562	1049.6676 02539062 5	413.38275 14648437 5	0.0	68.124061 58447266	22.491460 8001709	950.8	213.495	2404	2400	2402	2022-07- 02T16:32: 22	2022-07- 02T17:12: 19	57.0	20220702-27
5183	reeling_ex change	464.94769 28710937 5	98388671	18.466894 14978027 3	0.0	0.0	6.0796718 59741211					80.975547 79052734						65.229385 37597656	21.551847 45788574 2	950.0	209.81	2376	2365	2365	2022-07- 02T15:52: 51	2022-07- 02T16:32: 22	57.0	20220702-26
5182	nw_sup_c hange																			945.5	209.093	0	2392	2391	2022-07- 02T16:32: 15	2022-07- 02T16:32: 15	56.8	
5181	nw_inf_ch ange																			944.1	208.479	0	2394	2393	2022-07- 02T16:32: 09		57.2	
5180	reeling_ex change	445.07516 47949219	113.61852 26440429 7	17.665142 05932617 2	0.0	0.0	5.8126578 33099365	956.02014 16015625	1054.8161 62109375	463.45318 60351562 5	0.0	77.469230 65185547	25.642959 59472656 2	861.58886 71875	960.90844 7265625	378.67492 67578125	0.0	62.406433 10546875	20.614389 41955566 4	958.0	211.771	2405	2392	2391	2022-07-		57.2	20220702-25
5179	rooling ov	425.51269 53125	100 54424	16.874216		0.0	5.5627732 2769165	913.13000 48828125	1005.2886 96289062 5	442.03665 16113281		73.849372 86376953						59.571704 86450195	19.650575 63781738 3	957.5	210.586	2405	2399	2402	2022-07-		56.9	20220702-24
5178	reeling_ex change	405.55603 02734375	103.36003 11279296 9	16.055830 00183105 5	0.0	0.0	5.3004264	870.21148	955.69311 5234375	420.61279		70.291213	23.266384	784.16345		343.67068		56.655765 53344726 6	18.709180 83190918	938.4	204.17	2336	2326	2326	2022-07-		56.9	20220702-23
5177	nw_sup_c hange																	v		936.6	203.385	0	2394	2393	2022-07-		57.1	
5176	nw_inf_ch ange																			935.3	202.764	0	205	205	2022-07-		56.9	
5175	reeling_ex change	385.86315 91796875	98.244071 96044922	15.257120 13244628	0.0	0.0	5.0390329 36096191	828.68572 99804688	907.72570 80078125	399.88522 33886719	0.0	66.853973 38867188	22.121011 73400879	746.01953 125	827.21704 1015625	326.42611 69433594	0.0	53.822883 60595703	17.771108 62731933	955.1	214.542	2405	2394	2393	2022-07-		56.7	20220702-22
5174	reeling_ex	365.01272 58300781	92.841506	14.429225	0.0	0.0	4.7703342 43774414	785.62536 62109375	857.97772 21679688	378.40054 32128906	0.0	63.293674 46899414	20.949472 42736816 4	706.84967 04101562	781.92199 70703125	308.72033 69140625	0.0	50.931541 44287109 4	16.810289 38293457	955.6	215.35	2405	2397	2403	2022-07-		57.0	20220702-21
5173	reeling_ex change	345.58853 14941406	87.815750 12207031	13.664977 07366943 4	0.0	0.0			808.67468 26171875			59.740055 08422851 6	19 776580				0.0	67407226	15.874285 69793701 2	502.1	60.6895	697	696	696	2022-07- 02T12:22: 38		56.7	20220702-20
5172	nw_sup_c hange																			495.9	59.5506	0	205	205	2022-07-		57.2	
5171	nw_inf_ch ange																			493.3	57.9701	0	2395	2395	2022-07-		57.1	
5170	reeling_ex change	339.56381 22558594	86.251136 77978516	13.416310 31036377	0.0	0.0			793.93951 41601562		0.0	58.681365 96679687 5	19.412076 95007324 2	656.47637 93945312	723.66101 07421875	285.94369 50683594	0.0	47.213726 04370117	15.579751 01470947 3	290.7	15.6924	205	205	205	2022-07-		56.8	20220702-19
5169	reeling_ex change	336.60595 703125	85.485755 92041016	13.295346 2600708	0.0	0.0	4.3930006 02722168	725.72882 08007812	788.81542 96875	348.48687 74414062 5	0.0	58.328823 08959961	19.307920 45593261 7	652.71905 51757812	719.31707 76367188	284.24365 234375	0.0	46.899856 56738281	15.499459 26666259 8	749.8	131.334	1476	1470	1471	2022-07- 02T11:41: 45		4.9	20220702-18
5168	reeling_ex change	322.77551 26953125	81.908897 39990234	12.735523 22387695 3	0.0	0.0	4.2126441 00189209	697.91284 1796875		334.60958	0.0	55.976860 04638672	18.526508 33129882 8	627.48236 08398438	690.15454 1015625	272.83724 97558594	0.0	45.019001 00708008	14.883989 33410644 5	954.3	212.051	2405	2399	2402	2022-07-	2022-07- 02T11:41: 45	56.6	20220702-17
5167		302.10342 40722656				0.0	3.9426071 64382934 6	654.75384 52148438	706.84936 5234375	313.06176 7578125		52.387809 75341797						42.132747 65014648	13.919076 91955566 4	955.1	213.495	2405	2399	2409	2022-07-	2022-07- 02T11:01: 48	57.1	20220702-16
5166		282.13375 85449219				0.0	3.6813592 9107666	611.93823	657.41900	291.69689		48.804733 27636719						39.249488	12.977178 57360839 8		206.304	2342	2333	2334	2022-07- 02T09:42:		57.1	20220702-15
5165	nw_sup_c hange																	•		941.1	205.588	0	2395	2395	2022-07-	2022-07- 02T10:21: 42	56.8	
5164	nw_inf_ch ange																			938.9	203.975	0	2381	2375		2022-07- 02T10:21:	57.2	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5164	nw_inf_ch ange																			938.9	203.975	0	2381	2375	34	34	57.2	
5163	change	00000044	30-373			0.0	3.4261910 91537475 6	570.27258 30078125	609.29833 984375	270.90130 61523437 5	0.0	45.351104 73632812 5	15.023227 69165039	511.47323 60839844	556.05487 06054688	220.42637 63427734 4	0.0		12.033336 63940429 7	957.8	211.592	2405	2395	2395	2022-07- 02T09:02: 53	2022-07- 02T09:42: 53	56.8	20220702-14
5162	reeling_ex change	242.22958 37402343 8	60.974521 63696289	9.5209121 70410156	0.0	0.0	3.1558029 65164184 6	527.65014 6484375	560.10162 35351562	249.63215 63720703	0.0	41.833526 61132812 5	13.825358 39080810 5	473.17578 125	511.75299 07226562 5	203.12637 32910156 2	0.0	33.564861 29760742	11.087859 15374755 9	957.8	206.574	2405	2393	2395	2022-07- 02T08:22: 57	2022-07- 02T09:02: 53	57.3	20220702-13
5161	reeling_ex change	223.26515 19775390 6	56.070957 18383789	9 7535996	0.0	0.0	2.9087104 79736328	486.26525 87890625	512.30767 82226562	228.98635 86425781 2	0.0	38.367748 26049805	12.704228 40118408 2	435.90606 68945312 5	467.26461 79199219	186.27780 15136718 8	0.0	30.803979 87365722 7	50268554	962.0	207.855	2423	2409	2402	2022-07- 02T07:42: 39	2022-07- 02T08:22: 57	56.9	20220702-12
5160	nw_sup_c hange																			957.4	206.538	0	2381	2375	02T08:22:	2022-07- 02T08:22: 38	57.2	
5159	nw_inf_ch ange																			956.0	205.591	0	2381	2380		2022-07- 02T08:22: 31	57.1	
5158	reeling_ex change	203.50628 66210937	50.946052 55126953	7.9543938 63677978 5	0.0	0.0	2.6423075 19912719	443.92498 77929687	463.40380 859375	207.84718 32275390	0.0	34.898742 67578125	11.529294 96765136	398.64428 7109375	420.32003 78417969	169.43713 37890625	0.0	28.036745 07141113 3	9.2699708 93859863	958.2	210.321	2395	2381	2375	2022-07-		57.1	20220702-11
5157	reeling_ex	183.90292 35839843		7.1917324 06616211		0.0	2.3891406 05926513	402.43029 78515625	415.49847 41210937	187.15501 40380859 4	0.0	31.421405 79223632 8	10 402240						8.3768043		209.528	2394	2383	2379	2022-07- 02T06:23:		56.6	20220702-10
5156		•	•	6.4267277 71759033		0.0				166.16731 26220703		27.943170 54748535					0.0	22.433416 36657715	7.4299826 62200928	958.2	207.882	2392	2379	2373	2022-07-		56.8	20220702-09
5155	nw_sup_c hange	7						3						3						956.0	206.026	0	2381	2380	2022-07- 02T06:22: 49		56.8	
5154	nw_inf_ch ange																			954.3	205.665	0	2139	2135	2022-07- 02T06:22:		56.9	
5153	reeling_ex	144.88868 71337890	35.689960 47973633	5.6114730 83496094	0.0	0.0			318.30728 14941406		0.0	24.460641 86096191 4	8.0802354 81262207	285.82391 35742187	287.92520 14160156	118.42312 62207031	0.0	19.660369 87304687	6.5117392 53997803	960.0	211.244	2395	2381	2380	2022-07-		56.8	20220702-08
5152	reeling_ex	125.70758 81958007	30.693105 69763183	4 8589844	0.0	0.0	1.6240648 03123474	276.18435 66894531	269.67257 69042969	124.12458 80126953	0.0		6 0404273	247.13619	243.22561 64550781 2		0.0	16.810211 18164062	5.5428400 03967285	958.4	208.437	2395	2385	2390	2022-07-		57.1	20220702-07
5151		•	•	4.0440278 05328369		0.0	86325073	72802734		102.94110 87036132	0.0	17.411905 28869629			_	83.452934 26513672	0.0	13.897327 42309570 3	4.6014285 08758545	912.8	193.851	2184	2171	2169	2022-07- 02T03:47:	2022-07- 02T04:23:	57.1	20220702-06
5150	nw_sup_c	8					2	4	8	•				6	6			3		910.6	192.454	0	2139	2135	2022-07- 02T04:23:	02T04:23:	57.2	
5149	nw_inf_ch ange																			909.3	191.734	0	2347	2388	2022-07- 02T04:23:	02T04:23:	56.9	
5148		88.123977 66113281	20.909997 94006347	3.3328900 33721924	0.0	0.0	1.1319692 13485717	194.78382 87353515	175.64697 265625	83.497077 94189453	0.0	14.217607 49816894	4.6996874 80926514	173.30073 54736328	157.81217 95654297	67.547798 15673828	0.0		3.7409884 92965698	912.9	190.314	2154	2139	2135	02T03:11:	23 2022-07- 02T03:47:	56.7	20220702-05
5147				2.5704739 09378051 8		0.0				63.833213 80615234 4	0.0	10.915732 38372802 7					0.0	8.7027835 84594727	2.8803784 84725952	916.8	194.026	2154	2142	2138		02T03:11:	57.0	20220702-04
5146	reeling_ex	51.244232 17773437	11.318763 73291015	1.8558789 49165344		0.0				44.047859 19189453		7.6075563 43078613						F 007F000	1.9662878	510.0	61.0529	701	683	689		02T02:35:	56.6	20220702-03
5145	reeling ex	20.705004	6.0814714	1 0882908		0.0				30.391706 46667480 5		5.3664417 2668457					0.0	4 1029400	1.3749659	935.0	187.303	2252	2209	2248		02T00:59:	57.3	20220702-02
5144	nw_sup_c	2	5				US			э			3		4				5	932.2	186.965	0	2347	2388		02T00:59:	56.6	
5143	nw_inf_ch ange																			930.9	185.95	0	2349	2391	2022-07- 02T00:59:	02T00:59:	57.1	
5142		12.121839 52331543	2.3920755 38635254	0.4284229 87461090 1	0.0	0.0	0.1451856 79197311	33.562274 93286133	20.274799 34692382	11.601971 62628173 8	0.0	2.0653812 88528442						54556274	0.5135288 23852539	965.3	200.294	2393	2347	2388	2022-07- 01T23:42:	2022-07- 02T00:22:	56.7	20220702-01
5141				1 25.584972 38159179 7		0.0	8.8626775	2014.7673		696.82891		4 122.69136 04736328 1	5 40.636940 00244140	3 1758.6591 796875	1065.0653 07617187	550.06787	0.0		1 31.653316 49780273	961.3	198.874	2393	2351	2392		2022-07- 01T23:42:	56.9	20220701-37
5140	reeling_ex	689.86004 63867188	136.38145	24.845066	0.0	0.0				676.64636 23046875	0.0	119.18975	39.448600	1708.5043		534.37915		22070012	4 30.763067		175.481	2111	2073	2109	0000 07	39 2022-07- 01T23:02:	57.1	20220701-36

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5140		689.86004 63867188	4	24.845066 07055664	0.0	0.0	8.5991115 57006836	1956.4082 03125	1181.6298 828125	676.64636 23046875	0.0	5	39.448600 76904297	1708.5043 9453125	1034.6745 60546875	534.37915 0390625	0.0	92.971794 12841797	30.763067 2454834	900.5	175.481	2111	2073	2109	47	55	57.1	20220701-36
5139	nw_sup_c hange																			897.9	173.347	0	2353	2388	2022-07- 01T23:02: 41	2022-07- 01T23:02: 41	56.6	
5138	nw_inf_ch ange																			897.4	173.179	0	2353	2388	2022-07- 01T23:02: 39	2022-07- 01T23:02: 39	56.7	
5137	reeling_ex change	671.65692 13867188	132.76020 81298828	24.202611 92321777 3	0.0	0.0	8.3722887 03918457	1905.2128 90625	1150.7114 2578125	658.94683 83789062	0.0	116.04010 00976562 5	38.419441 22314453	1664.3548 58398437 5	1007.9429 93164062 5	520.55969 23828125	0.0	90.604530 33447266	29.955383 30078125	963.5	196.117	2393	2349	2391	2022-07- 01T21:47: 59	2022-07- 01T22:27: 47	56.7	20220701-35
5136	reeling_ex change	651.43713 37890625	128.74659 72900390 6	23.468172 07336425 8	0.0	0.0	8.1240825 65307617	1847.6578 36914062 5	1115.9487 3046875	639.04296 875	0.0	112.59442 90161132 8	37.273818 96972656	1614.1351 31835937 5	977.48272 70507812	504.85198 97460937 5	0.0	87.857353 21044922	29.068574 90539550 8	963.5	198.498	2393	2359	2391	2022-07- 01T21:08: 12	2022-07- 01T21:47: 59	57.0	20220701-34
5135	reeling_ex change	631.24359 13085938	124.72389 98413086	22.738529 20532226 6	0.0	0.0	7.8701167 10662842	1790.2198 48632812 5	1081.2695 3125	619.16064 453125	0.0	109.08074 95117187	36.113529 20532226	4504.0005		489.20562 74414062 5	0.0	85.129142 76123047	28.154954 91027832	951.6	192.799	2320	2282	2316	2022-07- 01T20:29: 37	2022-07- 01T21:08: 12	57.0	20220701-33
5134	nw_sup_c hange																			949.9	193.505	0	2353	2388	2022-07- 01T21:08: 05	2022-07- 01T21:08: 05	56.8	
5133	nw_inf_ch ange																			948.5	193.071	0	1393	1415	2022-07- 01T21:07: 58	2022-07- 01T21:07: 58	56.8	
5132	reeling_ex change	612.19659 42382812	120.95198 82202148 4	22.056751 25122070 3	0.0	0.0	7.6383471 48895264	1735.4033 203125	1048.1453 85742187 5	600.20043 9453125	0.0	105.74325 56152343 8	34.999347 68676758	1515.6939 69726562 5	917.85485 83984375	474.06369 01855469	0.0	82.470245 36132812	27.292598 72436523 4	965.7	199.208	2393	2353	2388	2022-07- 01T19:49: 50	2022-07- 01T20:29: 37	56.8	20220701-32
5131	reeling_ex change	591.64239 50195312	116.86215 97290039	21.326505 66101074 2	0.0	0.0	7.3748974 80010986	1678.1379 39453125	1013.5610 96191406 2	580.38317 87109375	0.0	102.22429 65698242 2	33.842319 48852539	1465.7998 046875	887.60150 14648438	458.44390 86914062 5	0.0	79.796218 87207031	26.400163 65051269 5	963.9	199.669	2393	2359	2394	2022-07- 01T19:10: 09	2022-07- 01T19:49: 50	57.2	20220701-31
5130	reeling_ex change	571.19598 38867188	112.80185 69946289	20.605295 18127441 4	0.0	0.0	7.1212258 33892822	1620.8969 7265625	978.98785 40039062	560.57006 8359375	0.0				857.22619 62890625		0.0	77.054977 41699219	25.505493 1640625	547.5	62.3358	773	766	776	2022-07- 01T18:27: 26	2022-07- 01T19:10: 09	56.8	20220701-30
5129	nw_sup_c hange																			545.7	61.9163	0	1393	1415	2022-07- 01T19:10: 03	2022-07- 01T19:10: 03	57.2	
5128	nw_inf_ch ange																			543.1	60.8899	0	2353	2396	2022-07- 01T19:09: 54	2022-07- 01T19:09: 54	57.2	
5127	reeling_ex change	563.21191 40625	111.22778 3203125	20.316568 37463379	0.0	0.0	7.0271663 66577148	1601.9772 94921875	967.55151 3671875	554.01916 50390625	0.0	97.617347 71728516	32.321166 9921875	1399.1267 08984375	847.17395 01953125	437.56118 77441406	0.0	76.162658 69140625	25.206695 55664062 5	744.3	118.756	1417	1393	1415	2022-07- 01T18:00: 51		5.2	20220701-29
5126	reeling_ex change	550.20007 32421875	108.65548 70605468 8	19.856555 93872070 3	0.0	0.0			945.94976 80664062		0.0	95.405448 91357422	31.569950 10375976 6	1368.4973 14453125	828.60510 25390625	427.98312 37792969	0.0	74.504722 59521484	24.633802 41394043	958.7	198.874	2393	2357	2392	2022-07- 01T17:21: 04	2022-07- 01T18:00: 51	56.6	20220701-28
5125	reeling_ex change	529.37750 24414062	104.51789 09301757 8	19.107578 27758789	0.0	0.0	6.5987110 13793945	1509.7061 76757812 5	911.83862 3046875	522.08728 02734375	0.0	91.936241 14990234	30.445392 60864257 8	1318.3355 71289062 5	798.20538 33007812	412.28182 98339844	0.0	71.775138 85498047	23.753652 57263183 6	960.0	198.874	2393	2363	2398	2022-07- 01T16:41: 18	2022-07- 01T17:21: 04	57.1	20220701-27
5124	reeling_ex change	509.07220 45898437 5	87841796	18.386499 40490722 7	0.0	0.0	6.3435592 65136719	1451.6408 69140625	876.77062 98828125	501.98495 48339844	0.0	88.405181 88476562	29.267017 36450195 3	1268.2030 02929687 5	767.82220 45898438	396.60061 64550781	0.0	69.039108 27636719	22.834115 98205566 4	940.1	190.557	2302	2265	2301	2022-07- 01T16:03		56.6	20220701-26
5123	nw_sup_c hange																			939.3	190.06	0	2353	2396	2022-07- 01T16:41: 13	2022-07- 01T16:41: 13	57.1	
5122	nw_inf_ch ange																			937.5	189.992	0	2354	2391	2022-07- 01T16:41: 05	2022-07- 01T16:41: 05	56.8	
5121	reeling_ex change	490.37356 56738281	96.777359 00878906	17.716924 6673584	0.0	0.0	6.1158022 8805542	1395.7269 28710937 5	843.00909 42382812	482.62554 93164062 5	0.0	85.001464 84375	28.148168 56384277 3	1219.3631 59179687 5	738.20483 3984375	381.31976 31835937 5	0.0	66.433746 33789062	21.964464 18762207	960.4	198.122	2393	2353	2396	2022-07- 01T15:23: 12	2022-07- 01T16:03	56.6	20220701-25
5120	reeling_ex change	470.14523 31542969	92.767715 45410156	16.999198 91357422	0.0	0.0	5.8622655	1338.1022	808.23168 9453125	462.69747	0.0				707.73950 1953125		0.0	63.657798 76708984 4	21.069911 95678711	961.8	195.7	2393	2362	2400	2022-07-		57.0	20220701-24
5119	reeling_ex change	449.46783 44726562 5	88.663284 30175781	16.248260 49804687 5	0.0	0.0	5.6027698 5168457	1280.7775 87890625	773.62579 34570312	442.86953 73535156	0.0	77.980438 23242188							20.175199 50866699 2		195.8	2358	2316	2353	2022-07-	2022-07- 01T14:43: 26	57.2	20220701-23
5118	nw_sup_c hange																			958.2	194.961	0	2354	2391		2022-07- 01T14:43: 18	56.7	
5117	nw_inf_ch ange																			956.9	194.982	0	2353	2391	01T14:43:	2022-07- 01T14:43: 11	56.6	
5116	reeling_ex change	428.62017 82226562	84.521972 65625	15.516171 4553833	0.0	0.0	5.3508386 61193848	1224.5933 83789062	739.68988 03710938	423.44396 97265625	0.0	74.601013 18359375	24.673748 01635742	1070.4367 67578125	647.82427 97851562	334.72033 69140625	0.0	58.280708 31298828	19.305591 58325195	968.8	199.834	2393	2354	2391		2022-07- 01T14:04:	56.7	20220701-22

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5116	reeling_ex change		03023			0.0	5.3508386 61193848	5	739.68988 03710938	423.44396 97265625	0.0	74.601013 18359375		67578125	647.82427 97851562	69140625	0.0	58.280708 31298828	3	968.8	199.834	2393	2354	2391	26	14	56.7	20220701-22
5115	reeling_ex change	408.36898 80371094	80.497116 08886719	14.760431 28967285 2	0.0	0.0	5.0905528 06854248	1168.0068 359375		403.85675 04882812 5	0.0	71.157150 26855469	23.548536 30065918	1020.2723 99902343 8	617.42926 02539062	319.06192 01660156	0.0	55.568798 06518555	18.410619 73571777 3	969.3	197.161	2393	2358	2396	2022-07- 01T12:44: 40	2022-07- 01T13:24: 26	57.1	20220701-21
5114	reeling_ex	388.21475		14.039855		0.0	4.8410472 86987305	1110.6347 65625	670.86608 88671875	384.01358 03222656	0.0	67.652214 05029297						52.844314 57519531	17.497997 28393554 7	955.6	193.827	2363	2324	2361	2022-07- 01T12:05: 23	2022-07- 01T12:44: 40	57.0	20220701-20
5113	nw_sup_c hange																			954.3	193.943	0	2353	2391		2022-07- 01T12:44: 32	57.2	
5112	nw_inf_ch ange																			952.5	193.358	0	2353	2390		2022-07- 01T12:44: 25	57.2	
5111	cnange	06738281	72.606193 54248047	4		0.0	4.5984067 91687012	1053.9998 77929687 5	636.65405 2734375	364.41488 64746094	0.0	64.212867 7368164	21.235649 10888672	921.51239 01367188	557.51855 46875	288.16796 875	0.0		16.620981 21643066 4	962.7	198.665	2393	2353	2391		2022-07- 01T12:05: 23	57.3	20220701-19
5110	reeling_ex change	348.53961 18164062 5	68.622627 25830078	12.614532 47070312 5	0.0	0.0	4.3470973 96850586	997.01739 50195312	602.25848 38867188	344.71005 24902344	0.0	60.720943 45092773 4	20.100509 64355468 8	871.45379 63867188	527.15887 45117188	272.52032 47070312 5	0.0	47.463462 82958984 4	15.723534 58404541	971.6	198.374	2393	2359	2396		2022-07- 01T11:25: 36	57.1	20220701-18
5109	reeling_ex change	328.48556 51855469	64.646072 38769531	11.899255 75256347 7	0.0	0.0	4.0990076 06506348	939.61871 33789062	567.58465 57617188	324.84036 25488281	0.0	57.241138 45825195	18.944362 64038086	821.59893 79882812	496.89044 18945312 5	256.91809 08203125	0.0	44.745132 44628906	14.829626 08337402 3	955.6	191.695	2332	2294	2330		2022-07- 01T10:45: 51	56.9	20220701-17
5108	nw_sup_c hange																			954.7	190.384	0	2353	2390	2022-07- 01T10:45: 45	2022-07- 01T10:45: 45	56.8	
5107	nw_inf_ch ange																			953.0	189.636	0	2354	2391	2022-07- 01T10:45: 36	2022-07- 01T10:45: 36	57.0	
5106	reeling_ex change	308.91833 49609375	60.787128 44848633	11.186164 85595703 1	0.0	0.0	3.8525588 51242065 4	883.77734 375		305.52288 81835937 5	0.0	53.826347 35107422	17.829942 70324707	772.13598 6328125	466.84051 51367187 5	241.44897 4609375	0.0	42.028682 70874023 4		974.3	201.384	2393	2353	2390	2022-07- 01T09:27: 17	2022-07- 01T10:07: 05	57.1	20220701-16
5105	reeling_ex change	288.26440 4296875	56.735691 07055664	10.439332 00836181 6	0.0	0.0	3.5938084 1255188	826.27917 48046875	499.11972 04589844	285.65490 72265625	0.0	50.287384 03320312 5	16.652576 44653320 3	721.99047 8515625	436.40884 39941406	225.78199 76806640 6	0.0	39.313365 9362793	13.045214 65301513 7	972.7	201.842	2393	2362	2399		2022-07- 01T09:27: 17	57.1	20220701-15
5104	reeling_ex change	267.53854 37011719	52.670490 26489258	9.6734399 79553223	0.0	0.0	3.3431913 85269165	767.86260 98632812	463.84793 09082031	265.45642 08984375	0.0	46.752029 41894531	15.473121 64306640 6	671.22473 14453125	405.49566 65039062 5	209.90998 84033203	0.0	36.546516 41845703	12.123530 38787841 8	961.8	195.562	2331	2293	2329		2022-07- 01T08:47: 31	56.5	20220701-14
5103	nw_sup_c hange																			960.0	194.881	0	2354	2391	2022-07- 01T08:47: 23	2022-07- 01T08:47: 23	56.8	
5102	nw_inf_ch ange																			958.7	193.226	0	2353	2391	2022-07- 01T08:47: 15	2022-07- 01T08:47: 15	57.2	
5101	change	10357422	23950195			0.0	3.0909910 20202636 7	711.32641 6015625	429.74172 97363281	245.92485 04638672	0.0	43.334312 43896484 4	14.347717 28515625	622.08258 05664062	374.79260 25390625	194.56097 41210937 5	0.0	30094330	1	975.4	200.755	2393	2354	2391	2022-07- 01T07:28: 58	2022-07- 01T08:08: 45	57.2	20220701-13
5100				8.2609577 17895508		0.0				226.01750 18310547			1	83984375	16796875	8	0.0	31.136243 82019043	10.338448 52447509 8	982.3	201.132	2393	2358	2395		2022-07- 01T07:28: 58	56.7	20220701-12
5099	reeling_ex change	208.07766 72363281 2	40.999721 52709961	7.5119605 06439209	0.0	0.0	2.5963127 61306762 7	595.11663 81835938	359.5625	205.78578 18603515 6	0.0	36.248016 35742187 5	12.004407 88269043	521.44244 38476562	313.28604 12597656	163.09829 71191406 2	0.0	28.374628 0670166	9.4310750 96130371	932.7	188.465	2228	2189	2226	2022-07- 01T06:12: 08	2022-07- 01T06:49: 12	57.1	20220701-11
5098	nw_sup_c hange																			930.0	187.434	0	2353	2391	2022-07- 01T06:49	01T06:49	56.9	
5097	nw_inf_ch ange																			928.2	188.095	0	2354	2391		2022-07- 01T06:48: 51	57.2	
5096				6.7808356 28509521 5		0.0	2	0/0	00000400			32.941196 44165039						25.732965 46936035	8.5710115 43273926	970.1	204.639	2393	2353	2391		2022-07- 01T06:12: 08	56.7	20220701-10
5095				6.0738301 27716064 5		0.0				166.83456 42089843 8		29.392229 08020019 5						23.030361 17553711	7.6492528 91540527	971.9	202.304	2393	2359	2396		2022-07- 01T05:32: 21	56.7	20220701-09
5094	reeling_ex change	148.22047 42431640 6	29.222574 23400879	5.3363575 93536377	0.0	0.0	1.8571933 50791931 2	424.37506 10351562 5	256.39721 6796875	146.77677 91748047	0.0	25.840782 16552734 4	8.5398244 85778809	372.75018 31054687 5	222.31895 44677734 4	116.59830 47485351 6	0.0	20.261651 99279785	6.7546000 48065185 5	963.1	197.662	2349	2310	2347		2022-07- 01T04:52: 34	56.7	20220701-08
5093	nw_sup_c hange																			960.0	194.588	0	2352	2390	2022-07- 01T04:52: 18	01T04:52:	56.8	
5092	nw_inf_ch ange																			959.1	194.412	0	2352	2390		2022-07- 01T04:52: 14	57.2	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5091	reeling_ex change	128.31964 11132812 5	25.313943 86291504	4.6205592 15545654	0.0	0.0	1.6066431 99920654 3	367.53356 93359375	222.04711 9140625	127.10128 78417968 8	0.0	22.344623 56567382 8	7.3993825 91247559	322.69989 01367187 5	192.20779 41894531 2	100.94557 95288086	0.0	00340332	5.8285803 79486084		202.638	2394	2354	2391		2022-07- 01T04:13: 30	57.2	20220701-07
5090	reeling_ex change	75830078		3.8654210 56747436 5	0.0	0.0				106.99405 67016601 6		18.845193 86291504	6.2282810 21118164	272.33966 06445312 5	162.04878 23486328	85.206321 7163086	0.0	14.780744 55261230 5	4.9257650 37536621	979.7	201.132	2393	2356	2393	2022-07- 01T02:53: 56	2022-07- 01T03:33: 44	56.7	20220701-06
5089	reeling_ex change	88.590179 44335938	17.497509 00268554 7	3.1550340 65246582	0.0	0.0	1.1074970 96061706 5	251.26779 17480468 8	151.80146 78955078	86.924102 78320312	0.0	15.283081 0546875	5.0867428 77960205	221.35110 47363281 2	131.63713 07373047	69.246467 59033203	0.0		3.9945833 68301391 6	949.9	192.913	2299	2258	2297		2022-07- 01T02:53: 56	56.7	20220701-05
5088	nw_sup_c hange																			946.8	192.683	0	2352	2390		2022-07- 01T02:53: 43	56.7	
5087	nw_inf_ch ange																			945.0	191.998	0	2346	2384		2022-07- 01T02:53: 35	57.2	
5086	reeling_ex change	68.794425 96435547	13.593869 20928955	2.4554302 69241333	0.0	0.0	5	2	118.59756 46972656 2	38623047	0.0	11.945252 41851806 6	3.9699456 69174194 3	172.67260 7421875	102.72751 61743164	54.028476 71508789	0.0	9.3487462 99743652	3.1207892 89474487 3	968.8	203.472	2393	2352	2390		2022-07- 01T02:15: 43	57.0	20220701-04
5085	reeling_ex change	49.142795 56274414	9.7119359 97009277	1.7484246 49238586 4	0.0	0.0	0.6136835 21747589 1	138.53639 22119140 6	83.698234 55810547	47.924255 37109375	0.0	8.4217128 75366211	2.8181738 85345459	122.17360 68725586	72.665489 19677734	38.211467 74291992	0.0	6.6171302 79541016	2.1938016 41464233 4	969.7	199.126	2393	2358	2393		2022-07- 01T01:35: 57	56.7	20220701-03
5084	reeling_ex change	28.762294 76928711	5.6692276 00097656	1.0362749 09973144 5	0.0	0.0	0.3624130 18941879 3	81.691749 5727539	49.352191 92504883	28.258802 41394043	0.0	5.0045304 29840088	1.6689432 85942077 6	71.412796 02050781	42.424167 63305664	22.345172 88208007 8	0.0		1.2760206 46095275 9	966.6	198.825	2385	2339	2380		2022-07- 01T00:56: 09	56.8	20220701-02
5083	nw_sup_c hange																			964.9	198.064	0	2346	2384	01T00:56	2022-07- 01T00:56 2022-07-	57.1	
5082	nw_inf_ch ange																			963.5	197.556	0	2350	2385	01T00:55: 54	01T00:55: 54	56.6	
5081	cnange	8.6355037 68920898	7	54		0.0		24.869544 98291015 6		8.6063108 44421387	0.0	1.5114952 32582092 3						1.1313716 17317199 7	0.3901071 25043869	970.3	200.464	2393	2346	2384		2022-07- 01T00:16: 31	57.0	20220701-01
5080	reeling_ex change	738.27008 05664062	185.96519 47021484 4	20.995954 51354980 5	0.0	0.0	4//66113	86328125	95703125			102.17367 55371093 8						80.192245 48339844	35.355976 10473633	968.8	199.041	2393	2353	2386		2022-06- 30T23:36: 43	57.0	20220630-36
5079	reeling_ex change	718.64654 54101562	182.04351 80664062 5	20.297584 53369140 6	0.0	0.0	9.3230962 7532959	1599.6387 93945312 5	1880.6197 50976562 5	785.45379 63867188	0.0	98.653648 37646484	43.785186 76757812 5	1405.6787 109375	1636.7255 859375	625.39013 671875	0.0	77.444351 19628906	34.448993 68286133	955.5	194.372	2343	2294	2333	2022-06- 30T22:18	2022-06- 30T22:56: 57	57.0	20220630-35
5078	nw_sup_c hange																			953.4	193.053	0	2350	2385		2022-06- 30T22:56: 51	56.7	
5077	nw_inf_ch ange																			951.2	192.052	0	2349	2384		2022-06- 30T22:56: 41	56.9	
5076	reeling_ex change	699.31134 03320312	178.23374 93896484 4	19.600921 63085937 5	0.0	0.0	9.0728464 12658691	1543.6018 06640625	1846.7880 859375	766.05010 98632812	0.0	95.261123 65722656	42.677642 82226562 5	1356.5361 328125	1607.4323 73046875	610.04681 39648438	0.0	74.771011 35253906	33.568603 515625	966.2	197.746	2393	2350	2385	2022-06- 30T21:38: 13		56.8	20220630-34
5075	reeling_ex change	679.25238 03710938	174.31387 32910156 2	18.887166 97692871	0.0	0.0	3/4633/9	29296875	37890625			91.681480 40771484	41.486099 24316406	1306.6610 10742187 5	1577.5335 69335937 5	594.42413 33007812	0.0	72.071922 3022461	32.655616 76025390 6	966.2	197.412	2393	2354	2389		2022-06- 30T21:38: 13	56.8	20220630-33
5074	reeling_ex change	659.17767 33398438	170.34919 73876953	18.157543 18237304 7	0.0	0.0	8.5775861 7401123	1428.2274 16992187 5	1777.0718 99414062 5	726.09790 0390625	0.0	88.231445 3125	40.320156 09741211	1256.6986 08398437 5	1547.5654 296875	578.80218 50585938	0.0	69.319229 12597656	31.765512 46643066 4	954.3	193.305	2327	2282	2319	2022-06- 30T20:19: 45	2022-06- 30T20:58: 26	57.0	20220630-32
5073	nw_sup_c hange																			953.4	192.883	0	2349	2384		2022-06- 30T20:58: 21	56.9	
5072	nw_inf_ch ange																			951.6	192.208	0	2050	2085	30T20:58:	2022-06- 30T20:58: 13	56.9	
5071	reeling_ex change	639.04333 49609375	166.40208 43505859 4	17.440122 60437011 7	0.0	0.0	8.3211441 04003906	1372.1629 63867187 5	1743.2038 57421875	706.68029 78515625	0.0	84.791084 28955078						66.713195 80078125	30.897363 66271972 7	971.0	198.374	2393	2349	2384	30T19:39:	2022-06- 30T20:19: 45	57.2	20220630-31
5070	reeling_ex change	618.79046 63085938	162.42375 18310547	16.728353 50036621	0.0	0.0	8.0748386 38305664	1314.7567 13867187 5	1708.5163 57421875	686.78283 69140625	0.0	81.287445 06835938	38.036113 73901367	1158.1407 47070312 5	1488.4035 64453125	547.97430 41992188	0.0	63.981723 78540039	29.995538 71154785	968.4	198.498	2393	2355	2388		2022-06- 30T19:39: 58	57.2	20220630-30
5069	reeling_ex change	598.71386 71875	158.47265 625	16.011827 46887207	0.0	0.0	7.8232712 7456665	1257.4016 11328125	1673.8598 6328125	666.94110 10742188	0.0	77.777755	36.897960	1107.9392 08984375	1458.3193	532.28259		61.308094 0246582	29.087532 04345703	936.4	184.006	2238	2192	2230		2022-06- 30T19:00: 12		20220630-29
5068	nw_sup_c hange																			931.8	183.087	0	2385	2399	30119.00	2022-06- 30T19:00	56.8	
5067	nw_inf_ch ange																			931.8	182.92	0	2385	2399		2022-06- 30T18:59: 59	56.9	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5066	reeling_ex change	580.16943 359375	154.82627 86865234 4	15.341982 8414917	0.0	0.0	7.5905604 36248779	1203.8331 29882812 5	1641.5001 22070312 5	648.39166 25976562	0.0		6	5	5		0.0	58.767845 15380859 4	28.259208 67919922	903.6	171.957	2092	2050	2085	2022-06- 30T17:48: 14	2022-06- 30T18:23	56.7	20220630-28
5065	reeling_ex change	562.11010 7421875	151.23913 57421875	14.701740 26489257 8	0.0	0.0	7.3646531 1050415	1153.0422 36328125	1610.8067 62695312 5	630.81268 31054688	0.0	71.456100 46386719	34.788551 33056640 6	1016.8970 33691406 2	1403.7435 30273437 5	503.80374 14550781	0.0	10234373	3		174.12	2092	2057	2091	2022-06- 30T17:13: 32	2022-06- 30T17:48: 14	56.8	20220630-27
5064	reeling_ex change	544.81018 06640625	147.80822 75390625	14.090727 80609130 9	0.0	0.0	7.1490960 12115478 5	1102.1323 2421875	1580.0198 97460937 5	613.19665 52734375	0.0	68.370300 29296875	33.758316 04003906	972.69793 70117188	1377.2211 9140625	489.95123 29101562 5	0.0	53.913555 14526367	26.667570 11413574 2	551.9	61.8991	764	755	769	2022-06- 30T16:04: 49	2022-06- 30T17:13: 32	57.2	20220630-26
5063	reeling_ex change	529.06201 171875	144.62605 28564453	13.511657 71484375	0.0	0.0	6.9459033 01239014	1072.4965 8203125	1560.9038 0859375	602.61486 81640625	0.0	66.550689 69726562	33.137077 33154297	947.07800 29296875	1361.1456 29882812 5	481.77874 75585937 5	0.0	52.494789 12353515 6		978.1	231.518	2349	2331	2345	2022-06- 30T15:25: 44	2022-06- 30T16:04: 49	56.7	20220630-25
5062	nw_sup_c hange																			977.2	231.013	0	2392	2400	2022-06- 30T16:04: 45	2022-06- 30T16:04: 45	57.1	
5061	nw_sup_c hange																			977.2	231.013	0	2392	2400	2022-06- 30T16:04: 45	2022-06- 30T16:04: 45	57.1	
5060	change	506.92660 52246094	4	5		0.0	6.6608877 18200684	1028.3433 83789062 5	1496.6614 99023437 5	577.81903 07617188	0.0		77380371	1/5/8125	56640625	5625		50.373092 65136719	25.141801 83410644 5	992.6	239.549	2404	2385	2399	2022-06- 30T14:45: 47	2022-06- 30T15:25: 44	56.6	20220630-24
5059	reeling_ex change	485.37646 484375	132.69305 41992187 5	12.383348 46496582	0.0	0.0	6.3772006 03485107	984.38739 01367188	1432.7138 671875	553.09967 04101562	0.0		38244629	62304688	5	8/39/636		27587890 6	24.058107 37609863 3	990.4	238.08	2404	2388	2403	2022-06- 30T14:05: 51	2022-06- 30T14:45: 47	56.9	20220630-23
5058	reeling_ex change	462.95410 15625	126.57448 57788086	11.831892 01354980 5	0.0	0.0	6.0774698 25744629	938.35278 3203125	1365.7546 38671875	527.22265 625	0.0	58.144077 30102539	28.995901 10778808 6	831.10345 45898438	1193.3482 66601562 5	422.78622 43652344	0.0	46.078174 59106445	22.992450 71411132 8	975.0	230.821	2349	2336	2345		2022-06- 30T14:05: 51	56.7	20220630-22
5057	nw_sup_c hange																			974.1	230.117	0	2392	2400	2022-06- 30T14:05: 45	2022-06- 30T14:05: 45	57.1	
5056	nw_inf_ch ange																			972.3	228.685	0	2390	2402	30T14:05: 38	2022-06- 30T14:05: 38	57.0	
5055				11.316522 59826660 2		0.0				502.03851 31835937 5		55.372756 95800781						30207000			233.883	2404	2392	2400	49	30T13:26: 47	56.8	20220630-21
5054				10.730274 20043945 3		0.0				476.66616 82128906		52.546005 24902344	26.221342 08679199 2	753.69641 11328125	1081.3620 60546875	383.44259 64355469	0.0	41.856365 20385742	20.858289 71862793	992.4	237.189	2404	2395	2405	52	30T12:46: 49	57.1	20220630-20
5053	reeling_ex change	397.17358 3984375	108.59888 45825195 3	10.128461 83776855 5	0.0	0.0	5.2171020 5078125	802.79321 2890625	1168.5463 8671875	451.02294 921875	0.0			715.05645 75195312			0.0	39.685653 68652344	19.791810 98937988 3	983.4	232.147	2352	2338	2347	45	30T12:06: 52	56.9	20220630-19
5052	nw_sup_c hange																			982.9	231.646	0	2390	2402	30T12:06: 47	2022-06- 30T12:06: 47	57.2	
5051	nw_inf_ch ange																				231.25	0	2392	2395	41	30T12:06: 41	56.7	
5050				9.5455408 09631348		0.0				426.24688 72070312 5		46.945819 85473633						40093333	18.717672 34802246		235.52	2404	2390	2402	48	30T11:27: 45	56.7	20220630-18
5049	reeling_ex change	353.46948 2421875	96.664657 59277344	8.9958553 31420898	0.0	0.0				401.56591 796875		44.248397 82714844	22.077753 0670166	637.43408 203125	913.11608 88671875	324.29675 29296875	0.0		17.633804 32128906 2	999.6	235.73	2404	2394	2412	2022-06- 30T10:07: 51	2022-06- 30T10:47: 48	57.1	20220630-17
5048		331.75668 33496094		8.4546804 42810059	0.0	0.0	4.3605461 12060547	671.21478 27148438	977.06451 41601562	377.06396 484375	0.0			598.63073 73046875			0.0	51757812	16.574329 37622070 3	981.2	231.952	2348	2336	2341	49	30T10:07: 51	56.9	20220630-16
5047	nw_sup_c hange																			980.7	229.684	0	2392	2395	47	30T10:07: 47	56.6	
5046	nw_inf_ch ange																			978.9	228.685	0	2393	2401	40	30T10:07: 40	56.9	
5045	cnange	73828125	0756836	7.8618750 57220459		0.0	5	00585938	7421875			38.926979 06494140 6	6	00001302	97001002	011/10/5		05664062 5			238.013	2404	2392	2395	50	30T09:28: 49	57.1	20220630-15
5044	cnange	34375	62011719	7.3416810 03570557		0.0				329.04956 0546875		36.238845 82519531							14.421036 72027587 9	995.5	237.257	2404	2395	2400	30T08:08: 54	2022-06- 30T08:48: 50	56.8	20220630-14
5043	reeling_ex change	266.92700 1953125	73.054916 38183594	6.8087038 99383545	0.0	0.0	3.5117876 52969360 4	542.67565 91796875	789.95599 36523438	304.83627 31933594	0.0	33.610725 40283203	16.773311 61499023 4	482.37344 36035156	689.03686 5234375	245.41749 57275390 6	0.0	55993652	13.335542 67883300 8	978.5	226.293	2344	2333	2341		2022-06- 30T08:08: 54	56.7	20220630-13

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
5042	nw_inf_ch ange																			975.9	224.587	0	2394	2400	2022-06- 30T08:08: 42	2022-06- 30T08:08: 42	56.7	
5041	nw_sup_c hange																			975.9	224.489	0	2394	2400	2022-06- 30T08:08: 41	2022-06- 30T08:08: 41	57.1	
5040	reeling_ex change	244.77586 36474609 4	66.991691 58935547	6.2785768 50891113	0.0	0.0	3.2194244 86160278 3	500.91043 09082031	729.14636 23046875	281.38134 765625	0.0	31.039730 07202148 4	8	51074219	4609375	/343/5			12.290842 05627441 4	995.3	234.596	2404	2393	2401	2022-06- 30T06:49: 59	2022-06- 30T07:29: 57	57.1	20220630-12
5039	change	64453125	55493164			0.0	2.9337916 37420654 3	457.00244 140625	665.22967 52929688	256.70684 81445312 5	0.0	28.292520 52307129	14.116523 74267578 1	404.94158 93554687 5	578.61871 33789062	206.01799 01123047	0.0		11.184678 07769775 4	993.6	235.829	2404	2399	2410	2022-06- 30T06:10: 03	2022-06- 30T06:49: 59	56.6	20220630-11
5038	reeling_ex change	201.82295 22705078	55.244075 77514648 4	5.2250242 23327637	0.0	0.0	2.6524176 59759521 5	411.80184 93652344	599.44628 90625	231.30033 87451172	0.0	25.549613 95263672	12.708445 54901123	365.77105 71289062 5	522.64801 02539062	186.05961 60888672	0.0	20.264768 60046386 7		982.0	230.243	2357	2344	2355	2022-06- 30T05:30: 51	2022-06- 30T06:10: 03	56.9	20220630-10
5037	nw_inf_ch ange																			978.5	228.819	0	2397	2404	2022-06- 30T06:09: 46	2022-06- 30T06:09: 46	57.3	
5036	nw_sup_c hange																			978.5	229.088	0	2397	2404	2022-06- 30T06:09: 45	2022-06- 30T06:09: 45	56.7	
5035				4.6259813 30871582		0.0				206.53102 11181640 6		22.799251 55639648 4	11.351100 92163086	327.05511 47460937 5	467.00772 09472656	166.37731 93359375	0.0	18.149328 23181152 3	9.0580253 60107422	992.6	235.73	2404	2394	2400	2022-06- 30T04:50: 55	2022-06- 30T05:30: 51	56.7	20220630-09
5034	reeling_ex change	158.39698 79150390 6	43.395885 4675293	4.0702753 0670166	0.0	0.0				180.23266 6015625		19.925512 31384277 3							7.9443230 62896728 5	994.6	235.142	2404	2398	2403	2022-06- 30T04:10: 58	2022-06- 30T04:50: 55	57.1	20220630-08
5033	reeling_ex change	136.56291 19873047	37.439296 72241211	3.5332067 01278686 5	0.0	0.0	1.7927917 24205017	274.53692 62695312 5	399.71646 11816406	154.21275 32958984 4	0.0	17.041254 0435791	8.4810752 86865234	247.56599 42626953	353.65313 72070312 5	125.93171 69189453 1	0.0	13.741580 96313476 6	6.8375439 64385986	990.4	234.412	2380	2370	2379	2022-06- 30T03:31: 23	2022-06- 30T04:10: 58	56.7	20220630-07
5032	nw_sup_c hange																			988.2	232.981	0	2397	2404		2022-06- 30T04:10: 47	56.8	
5031	nw_inf_ch ange																			986.9	232.548	0	2397	2401	2022-06- 30T04:10: 41	2022-06- 30T04:10: 41	57.1	
5030	reeling_ex change	115.53386 68823242 2	31.694196 70104980 5	36151123	0.0	0.0	8	40533203	54589844			14.276933 67004394 5	7.1078047 75238037	208.70465 08789062 5	298.01248 16894531	106.15757 75146484 4		11.558972 35870361 3	5.7686343 1930542	999.2	234.596	2404	2397	2404	2022-06- 30T02:51: 25	2022-06- 30T03:31: 23	56.8	20220630-06
5029	reeling_ex change	93.997299 19433594	25.791887 28332519 5	2.3841655 25436401 4	0.0	0.0	9	41/908/5	79290875			11.522096 63391113 3					0.0	9.3746500 01525879	4.6771373 7487793	999.2	234.428	2404	2402	2411	2022-06- 30T02:11: 28	2022-06- 30T02:51: 25	57.0	20220630-05
5028	reeling_ex change	72.593254 08935547	19.911802 29187011 7	1.8354296 68426513 7	0.0	0.0	0.9519875 04959106 4	143.16184 99755859 4	208.45692 44384765 6	80.425140 38085938	0.0	8.8804836 27319336	4.4275712 96691894 5	130.51612 85400390 6	186.19398 49853515 6	66.392639 16015625	0.0	7.2628211 97509766	3.6024045 94421386 7	981.2	228.267	2357	2351	2356	2022-06- 30T01:32: 16	2022-06- 30T02:11: 28	56.6	20220630-04
5027	nw_sup_c hange																			978.9	227.12	0	2397	2401	2022-06- 30T02:11: 18	2022-06- 30T02:11: 18	56.6	
5026	nw_inf_ch ange																			977.6	226.497	0	2398	2415	2022-06- 30T02:11: 10	2022-06- 30T02:11: 10	57.2	
5025	reeling_ex change	50.680072 78442383		1.3008997 44033813 5	0.0	0.0	0.6681178 21216583 3	99.860244 75097656	145.41412 35351562 5	56.097293 85375976 6	0.0	6.1793441 77246094	3.0566017 62771606 4	92.033821 10595703	131.26853 94287109 4	46.833816 52832031	0.0	5.0819067 95501709	3009436	992.2	235.898	2404	2397	2401	2022-06- 30T00:52: 19	2022-06- 30T01:32: 16	57.2	20220630-03
5024	reeling_ex change			0.7405588 62686157 2		0.0				31.541967 39196777 3		3.4772276 87835693 4		-				2.8940546 51260376	1.4501688 48037719 7	992.6	235.142	2404	2398	2404	2022-06- 30T00:12: 23	2022-06- 30T00:52: 19	57.0	20220630-02
5023	reeling_ex change	7.4722652 43530273	2.0536513 32855224 6	0.2074207 36551284 8	0.0	0.0	0.0969971 71640396 12	13.915975 57067871 1	20.251014 70947265 6	7.8202199 93591309	0.0	0.8383079 76722717 3	0.4294271 46911621 1	13.355333 32824707	19.056310 65368652 3	6.7947230 33905029	0.0		0.3729919 19517517 1	971.5	224.075	2306	2300	2310	2022-06- 29T23:33: 56	2022-06- 30T00:12: 23	56.8	20220630-01
5022	nw_sup_c hange																			967.5	221.318	0	714	716	2022-06- 30T00:12: 05	30T00:12:	56.7	
5021	nw_sup_c hange																			967.5	221.318	0	714	716	2022-06- 30T00:12: 05	2022-06- 30T00:12: 05	56.7	
5020				27.115468 97888183 6		0.0	30230810	0/8125	48828125			121.62812 04223632 8						101.32338 71459961	6		233.436	2404	2398	2415	2022-06- 29T22:53: 54	2022-06- 29T23:33: 56	56.5	20220629-35
5019	reeling_ex change	712.92443 84765625	156.16598 51074218 8	26.531621 9329834	0.0	0.0	9.0373125 07629395	1039.1225 5859375	1833.7698 97460937 5	1037.3327 63671875	0.0	118.99044 79980468 8	40.422573 08959961	964.26934 81445312	1689.1101 07421875	879.74163 81835938	0.0	99.147994 99511719	33.748622 89428711	997.3	235.997	2404	2404	2419	2022-06- 29T22:13: 52	2022-06- 29T22:53: 54	56.7	20220629-34

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
5018	reeling_ex change	691.35382 08007812	150.24803 16162109 4	25.992671 96655273 4	0.0	0.0	8.7554712 29553223	996.38391 11328125	1771.4971 92382812 5	1013.3166 50390625	0.0	116.27661 89575195 3	39.102005 00488281	924.78094 48242188	1632.7050 78125	859.63409 42382812	0.0		32.648788 45214844	1019.9	243.118	2500	2517	2516	2022-06- 29T21:32: 20	2022-06- 29T22:13: 52	56.9	20220629-33
5017	nw_sup_c hange																			1019.1	242.723	0	714	716	2022-06- 29T22:13: 47	2022-06- 29T22:13: 47	57.1	
5016	nw_inf_ch ange																			1017.3	241.815	0	2345	2380		2022-06- 29T22:13: 40	57.1	
5015	reeling_ex change	668.25616 45507812	143.91625 9765625	25.410871 50573730 5	0.0	0.0	4309082	72460938	4609375			113.58090 97290039						94.668457 03125	31.504520 41625976 6	544.9	66.4671	709	714	716	2022-06- 29T20:25: 13	2022-06- 29T21:32: 20	56.7	20220629-32
5014	reeling_ex change	653.20141 6015625	139.87832 64160156 2	25.017684 93652343 8	0.0	0.0	8.2570142 74597168	933.06378 17382812	1678.7653 80859375	977.12609 86328125	0.0	112.33167 26684570 3	37.126209 2590332	865.95373 53515625	1548.1954 34570312 5	829.11315 91796875	0.0	93.656616 2109375	30.991661 07177734 4	967.5	229.829	2372	2345	2380		2022-06- 29T20:25: 13	56.6	20220629-31
5013	nw_sup_c hange																			176.0	0.394018	0	2352	2401		2022-06- 29T20:25: 52	56.7	
5012	nw_inf_ch ange																			176.0	232.511	0	2329	2377	2022-06- 29T20:25: 41	2022-06- 29T20:25: 41	56.6	
5011	reeling_ex change	630.17016 6015625	135.00167 84667968 8	24.116874 69482422	0.0	0.0	7.9619636 53564453	902.10754 39453125	1618.6468 50585937 5	939.29797 36328125	0.0	108.28437 80517578 1	35.794387 81738281	837.99206 54296875	1494.8919 67773437 5	798.18896 484375	0.0	90.374702 45361328	29.915256 50024414	966.2	234.964	2397	2352	2401		2022-06- 29T19:45: 43	56.9	20220629-30
5010	nw_sup_c hange																			965.3	234.467	0	2329	2377		2022-06- 29T19:45: 38	57.1	
5009	nw_inf_ch ange																			963.1	233.472	0	2325	2381		2022-06- 29T19:45: 28	57.0	
5008	criarige	607.71295 16601562	8	5		0.0	7.6809926 03302002	871.02239 99023438	1558.2694 09179687 5	901.29351 80664062	0.0	104.18215 17944336	34.468055 72509765 6	809.98980 71289062	1441.2131 34765625	767.12860 10742188	0.0	64453125	0		230.136	2373	2329	2377	2022-06- 29T18:26: 38	2022-06- 29T19:05: 59	56.8	20220629-29
5007	reeling_ex change					0.0				862.95562 74414062		100.08152 77099609 4	33.103797 91259765 6	782.09375	1387.7351 07421875	736.24005 12695312	0.0	83.864662 17041016	27.779439 92614746	962.7	227.585	2373	2336	2381		2022-06- 29T18:26: 38	56.9	20220629-28
5006	reeling_ex change	562.73754 8828125	120.73859 40551757 8	21.499927 52075195 3	0.0	0.0	7.1118564 60571289	809.17321 77734375	1438.2010 49804687 5	825.69403 07617188	0.0	96.145957 94677734	31.803022 38464355 5	754.15081 78710938	1334.1781 00585937 5	705.25286 86523438	0.0		26.711032 86743164	965.7	233.138	2413	2365	2422	16	29T17:47: 18	57.0	20220629-27
5005	nw_sup_c hange																			963.9	232.086	0	2335	2385	2022-06- 29T17:47: 09	2022-06- 29T17:47: 09	57.1	
5004	nw_inf_ch ange																			963.1	231.961	0	2335	2385	29T17:47: 05	2022-06- 29T17:47: 05	57.0	
5003	reeling_ex change	539.11883 54492188	115.75247 95532226 6	20.594404 22058105 5	0.0	0.0				787.41583 25195312						673.90124 51171875		33222030	25.600288 39111328	960.5	229.829	2373	2325	2381		2022-06- 29T17:07: 16	56.6	20220629-26
5002	change	516.43908 69140625	20330914	6		0.0	13995361	453125	8828125							642.92742 91992188		6772461	24.518795 01342773 4		231.558	2373	2331	2382	29T15:48: 36	2022-06- 29T16:27: 57	57.1	20220629-25
5001	reeling_ex change	494.49633 7890625	106.30725 09765625	18.876747 13134765 6	0.0	0.0	6.2528419 49462891	716.73132 32421875	1258.7023 92578125	712.68951 41601562	0.0	84.076210 02197266	27.812557 22045898 4	669.93151 85546875	1172.5744 62890625	611.88165 28320312	0.0	70.756912 23144531	23.441650 390625	971.1	233.663	2424	2375	2436		2022-06- 29T15:48: 36	57.1	20220629-24
5000	nw_inf_ch ange																			968.4	232.247	0	2135	2183	29T15:48: 26	2022-06- 29T15:48: 26	56.8	
4999	nw_sup_c hange																			968.4	232.149	0	2135	2183	29T15:48: 25	2022-06- 29T15:48: 25	57.2	
4998		471.18301 39160156				0.0	5.9529438 01879883	685.51519 77539062	1198.1029 05273437 5	674.54132 08007812	0.0	79.988174 43847656							22.346271 51489257 8		231.127	2373	2335	2385	29T14:29: 05	2022-06- 29T15:08: 25	57.0	20220629-23
4997		448.27987 67089844				0.0				637.98211 66992188		76.074699 40185547							21.273691 17736816 4		229.93	2373	2336	2386	29T13:49: 45	2022-06- 29T14:29: 05	56.7	20220629-22
4996	reeling_ex change	425.29562 37792969	91.672325 13427734	16.211887 35961914	0.0	0.0	5.3741135 597229	625.21636 96289062	1080.9874 26757812 5	600.82885 7421875	0.0	72.105682 37304688	23.890346 52709961	585.03070 06835938	1009.6770 62988281 2	517.77111 81640625	0.0	60.888252 25830078	20.181961 05957031 2	923.4	215.724	2208	2164	2216	29T13:13: 08	2022-06- 29T13:49: 45	56.9	20220629-21
4995	nw_sup_c hange																			922.1	215.227	0	2135	2183	2022-06- 29T13:49: 39	2022-06- 29T13:49: 39	57.2	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4994	nw_inf_ch ange																			920.3	212.772	0	2359	2411	2022-06- 29T13:49: 31	2022-06- 29T13:49: 31	56.8	
4993	reeling_ex change	404.78015 13671875	87.310653 68652344	15.426631 92749023 4	0.0	0.0	23304258	23046875	5/4218/5			68.502983 09326172	22.700719 83337402 3	559.01129 15039062	959.71899 4140625	488.91314 69726562 5	0.0	45947265	19.182165 14587402 3	920.3	210.506	2173	2135	2183	2022-06- 29T12:37: 06	2022-06- 29T13:13: 08	56.7	20220629-20
4992	change	10300394	03123	14.617694 85473632 8		0.0	4.8545684 81445312 5	569.87316 89453125	973.52233 88671875	533.16949 46289062	0.0	64.899574 27978516	34411021	34101362	3234373	5		54.812541 96166992		919.9	209.567	2173	2142	2184	2022-06- 29T12:01: 12	2022-06- 29T12:37: 06	57.2	20220629-19
4991	reeling_ex change	362.81222 53417969	78.437065 12451172	13.807605 74340820 3	0.0	0.0				499.92816 16210937 0 5		61.361759 18579101 6	20.324836 73095703	507.89791 87011719	861.44110 10742188	432.24188 23242187 5	0.0		17.190980 91125488 3		49.5696	543	614	624	2022-06- 29T11:16: 17	2022-06- 29T12:01: 12	57.1	20220629-18
4990	reeling_ex change	352.02407 83691406	76.136322 02148438	13.391917 22869873	0.0	0.0	4.4487004 28009033	532.16473 38867188	900.30163 57421875	487.10034 1796875	0.0	60.019496 91772461	19.887098 31237793	497.94296 26464844	842.26483 15429688	421.14410 40039062 5	0.0	50.715366 36352539	16.822402 95410156 2	945.0	219.837	2280	2238	2287	28	29T11:16: 17	57.2	20220629-17
4989	nw_sup_c hange																			176.0	220.752	0	2359	2411	2022-06- 29T11:16: 28	2022-06- 29T11:16: 28	57.0	
4988	nw_inf_ch ange																			949.4	219.97	0	2362	2408	29T11:16: 20	2022-06- 29T11:16: 20	56.9	
4987	change	50878906	3828125		0.0	0.0				453.63635 25390625			91064453	30342909	21875	00292969		54541015 6	15.794487 95318603 5		229.31	2403	2359	2411	37	29T10:38: 28	57.1	20220629-16
4986	change	91894531	53125	11.709665 29846191 4		0.0				418.10946 65527344		52.618324 27978515 6	51123047	8984375	23828125	390625		6875	14.699792 86193847 7	972.3	230.029	2404	2365	2414	49	29T09:58: 37	56.6	20220629-15
4985	reeling_ex change	285.46057 12890625	61.970882 41577148 4	10.834170 3414917	0.0	0.0	3.6125931 73980713	447.09417 72460937 5	735.10711 66992188	383.12194 82421875	0.0	48.940624 23706055	16.228450 77514648 4	415.76388 54980469	684.04559 32617188	330.11358 64257812 5	0.0	03759765	13.656725 88348388 7	926.1	209.951	2178	2143	2181	40	29T09:18: 49	56.5	20220629-14
4984	nw_sup_c hange																			923.9	209.309	0	2362	2408	44	29T09:18: 44	56.5	
4983	nw_inf_ch ange																			922.5	208.777	0	2370	2410	37	29T09:18: 37	56.7	
4982	change	265.45541 38183594	88256836	7		0.0	6	95800781	4140625			45.554660 79711914						38.170505 52368164	5	971.9	231.173	2403	2362	2408	49	29T08:42: 40	56.6	20220629-13
4981				9.1959829 33044434		0.0	3.0649173 25973510 7	392.32534 79003906	628.74835 20507812	316.18698 12011719	0.0	41.833755 49316406						35693359 4	11.590478 89709472 7	975.9	230.792	2404	2376	2417	59	29T08:02: 49	56.6	20220629-12
4980	reeling_ex change	221.03079 22363281 2	48.287242 8894043	8.3605766 29638672	0.0	0.0			572.46752 9296875		0.0	38.046836 85302734 4	12.605737 68615722 7	335.26373 29101562 5	528.31823 73046875	240.90234 375	0.0			986.0	236.718	2462	2429	2470	10	29T07:22: 59	57.1	20220629-11
4979	nw_sup_c hange																			985.6	236.328	0	2370	2410	55	29T07:22: 55	56.7	
4978	nw_inf_ch ange																			983.4	235.449	0	2177	2208	45	29T07:22: 45	56.8	
4977		5	30231933			0.0				244.49302 67333984 4		34.146137 23754883					0.0	8	944458	974.1	230.482	2404	2370	2410	21	29T06:42: 10	57.1	20220629-10
4976		-		6.5973634 71984863		0.0	94949341	73400201	39472030				3	5	25683594	8		3	99975586	929.1	212.803	2203	2179	2210	53	29T06:02: 21	57.0	20220629-09
4975	reeling_ex change	155.81968 68896484 4	34.397365 57006836	5.8688964 84375	0.0	0.0	1.9706853 62815857	278.47988 89160156	407.67306 51855469	177.09094 23828125	0.0	26.971351 62353515 6	8.9330081 93969727	253.43386 84082031 2	370.39572 14355469	150.19685 36376953	0.0	22.210546 49353027 3	7.3703198 43292236	926.8	208.564	2174	2150	2179	49	29T05:25: 53	57.3	20220629-08
4974	nw_inf_ch ange																			921.7	207.103	0	2418	2425	29T05:25: 38		56.7	
4973	nw_sup_c hange																			921.2	206.566	0	2418	2425	29T05:25: 36		57.2	
4972	change	2/343/5	98425293	5.0756311 41662598		0.0				145.10710 14404297	0.0	23.533678 05480957	53466797	28955078	21972656	1		5	6.3745183 94470215		210.031	2203	2177	2208	29T04:13: 19	2022-06- 29T04:49: 49	57.0	20220629-07
4971	reeling_ex change	114.95374 29809570 3	25.742052 07824707	4.3172531 12792969	0.0	0.0	35876464	70605468	304.42572 02148437 5	18481445 0	0.0	20.031005 859375	6.6598849 29656982	201.98710 63232422	271.49264 52636719	93.157897 94921875	0.0	16.228469 84863281 2	5.3624219 89440918	935.3	211.892	2203	2179	2211	2022-06- 29T03:36: 54	2022-06- 29T04:13: 19	57.2	20220629-06

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4970	reeling_ex change	93.537834 16748047	21.152555 46569824 2	3.4833660 12573242	0.0	0.0				79.493789 67285156		16.581335 06774902 3	5.4930257 79724121	176.39909 36279297	222.33616 63818359 4	64.781242 37060547	0.0	13.233254 43267822 3	4.3897256 85119629	495.4	49.8419	550	539	545		2022-06- 29T03:36: 54	56.7	20220629-05
4969	state_start	82.892852 78320312	18.885667 80090332	3.0961687 56484985 4	0.0	0.0	1.0513497 59101867 7	186.64927 67333984 4	229.72607 421875	65.381645 20263672	0.0	15.054135 3225708	4.9915690 42205810 5	165.18215 94238281 2	200.79478 45458984 4	52.379894 2565918	0.0	15374755	3.9571588 03939819 3	96.0	226.972	2415	2418	2425		2022-06- 29T02:31: 22	5.0	
4968	reeling_ex change	82.026237 48779297	18.691846 84753418	3.0663366 31774902 3	0.0	0.0	1.0409269 33288574 2	185.36106 87255859 4	228.14027 40478515 6	64.928466 796875	0.0	14.936676 97906494 1	4.9637074 47052002	164.16760 25390625	199.58573 91357422	52.061698 91357422	0.0		3.9283077 71682739 3	961.3	221.535	2415	2418	2425		2022-06- 29T02:29: 49	57.1	20220629-04
4967	nw_sup_c hange																			956.9	216.936	0	2418	2425	2022-06- 29T02:29: 27	2022-06- 29T02:29: 27	57.2	
4966	nw_inf_ch ange																			955.1	216.092	0	2411	2420	2022-06- 29T02:29: 18	2022-06- 29T02:29: 18	56.8	
4965				2.2765688 8961792		0.0	0.7687003 01647186 3	136.71012 87841797	168.27346 80175781 2	47.881481 1706543	0.0	11.009119 03381347 7	3.6511631 01196289	121.21171 56982421 9	147.41958 61816406 2	38.443439 48364258	0.0		2.8837141 99066162	972.8	225.973	2415	2418	2425		2022-06- 29T01:50: 23	57.1	20220629-03
4964	reeling_ex change	38.068302 15454101 6	8.6724433 89892578	1.4335948 22883606	0.0	0.0	0.4853512 34674453 74	87.846580 5053711	108.12139 12963867 2	30.778898 23913574 2	0.0	7.0696959 49554443	2.3324379 92095947 3	77.418037 41455078	94.214965 8203125	24.563886 64245605 5	0.0		1.8590617 17987060 5	970.6	224.947	2415	2423	2430		2022-06- 29T01:10: 16	57.0	20220629-02
4963	reeling_ex change	16.886135 10131836	3.8492968 08242798	0.6332877 87437439	0.0	0.0	0.2116676 12195014 95	38.124580 38330078	46.923992 15698242	13.363689 42260742 2	0.0	3.0630207 06176758	1.0032193 66073608 4	33.536651 61132812 5	40.867897 03369140 6	10.643168 44940185 5	0.0		0.7968591 45164489 7	969.7	221.795	2397	2394	2403		2022-06- 29T00:30: 11	57.0	20220629-01
4962	nw_sup_c hange																			967.9	220.969	0	2411	2420	2022-06- 29T00:30: 02	2022-06- 29T00:30: 02	57.2	
4961	nw_inf_ch ange																			966.2	220.573	0	2413	2423		2022-06- 29T00:29: 56	56.7	
4960	reeling_ex change	774.67944 3359375	176.74435 42480468 8	28.916608 81042480 5	0.0	0.0			2065.5571 2890625		0.0				1842.6176 7578125			108.62689 20898437 5	35.994384 765625	973.2	226.523	2415	2411	2420		2022-06- 28T23:50: 19	57.0	20220628-37
4959	reeling_ex change	752.33105 46875	171.64772 03369140 6	28.082550 04882812 5	0.0	0.0	9.6300230 02624512	1628.3659 66796875	2005.0957 03125	570.29010 00976562	0.0	8	6	109375	1789.0141 6015625	3046875		105.43039 70336914	34.933815 00244140 6	972.8	224.967	2415	2417	2423		2022-06- 28T23:10: 13	56.7	20220628-36
4958	reeling_ex change	730.71600 34179688	166.71086 12060547	27.233890 53344726 6	0.0	0.0	9.3516597 74780273	1579.6090 08789062 5	1945.0816 65039062 5	553.21301 26953125	0.0	127.57918 54858398 4	42.184707 64160156	1419.1038 81835937 5	1735.2437 74414062 5	449.80981 4453125	0.0	102.30931 09130859 4	33.871025 08544922	963.5	223.8	2378	2375	2384		2022-06- 28T22:30: 06	56.8	20220628-35
4957	nw_sup_c hange																			962.7	223.251	0	2413	2423		2022-06- 28T22:30: 01	56.7	
4956	nw_inf_ch ange																			961.3	222.583	0	2413	2423		2022-06- 28T22:29: 54	57.1	
4955	reeling_ex change	709.50378 41796875	161.86915 58837890 6	26.451200 48522949 2	0.0	0.0				536.26245 1171875				5	5			31074213	32.841514 58740234 4		227.242	2415	2413	2423		2022-06- 28T21:50: 35	57.2	20220628-34
4954	change	22200020	78004403			0.0	8.7945775 98571777	1481.9675 29296875	1824.8658 44726562 5	519.01849 36523438	0.0							96.066566 46728516	31.794017 79174804 7	971.0	228.48	2415	2417	2425		2022-06- 28T21:10: 28	56.7	20220628-33
4953	reeling_ex change	664.99639 89257812	151.70179 74853515 6	24.821603 77502441 4	0.0	0.0	8.5088348 38867188	1433.3325 1953125	1764.9916 9921875	501.97357 17773437 5	0.0	115.74344 63500976 6	38.277217 86499023 4	1288.9631 34765625	1576.6877 44140625	408.55169 67773437 5	0.0		30.754089 35546875	960.0	222.104	2378	2377	2387		2022-06- 28T20:30: 22	56.8	20220628-32
4952	nw_sup_c hange																			959.1	221.629	0	2413	2423		2022-06- 28T20:30: 16	56.6	
4951	nw_inf_ch ange																				221.131	0	2241	2249	10	28T20:30: 10	57.1	
4950	reeling_ex change	643.16198 73046875	146.70797 72949218 8	23.967155 45654297	0.0	0.0				484.89276 12304687 5					1524.1075 43945312 5			10421104	29.742126 46484375		226.068	2415	2413	2423	28T19:10: 44	2022-06- 28T19:50: 52	57.0	20220628-31
4949				23.142930 98449707		0.0				467.43371 58203125		107.74263 76342773 4	35.647132 87353515 6	1202.2143 5546875	1470.9074 70703125	52636719		00020201	28.676771 16394043		226.184	2415	2417	2425	39	28T19:10: 44	56.9	20220628-30
4948	reeling_ex change	598.18359 375	136.40660 09521484 4	22.327541 35131836	0.0	0.0	7.6520395 27893066	1285.8043 21289062 5	1583.3574 21875	450.28741 45507812 5	0.0	103.78626 25122070 3	34.353027 34375	1158.4266 35742187 5	1417.4438 4765625	367.15377 80761719	0.0	83.547676 08642578	27.644184 11254882 8	944.8	217.997	2306	2303	2312	28T17:52: 20	2022-06- 28T18:30: 39	57.2	20220628-29
4947	nw_sup_c hange																			939.7	216.117	0	2241	2249	2022-06- 28T18:30: 32	2022-06- 28T18:30: 32	56.6	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4946	nw_inf_ch ange																			938.0	215.448	0	2413	2423	2022-06- 28T18:30: 25	2022-06- 28T18:30: 25	56.8	
4945	reeling_ex change	576.20361 328125	131.36917 11425781 2	21.531084 06066894 5	0.0	0.0	7.3787941 93267822	1239.9316 40625	1526.8707 27539062 5	434.20886 23046875	0.0					353.96166 9921875			26.672302 24609375	929.1	210.165	2244	2241	2249	2022-06- 28T17:15: 03	2022-06- 28T17:52: 20	56.6	20220628-28
4944	onango	200.0020	7	20.762205 12390136 7		0.0	7.1045336 72332764	1195.3004 15039062 5	1471.9149 16992187 5	418.56576 53808594	0.0	96.496307 37304688	31.924774 16992187 5	1076.2260 7421875	1317.3310 546875	341.10528 56445312 5	0.0	77.609504 69970703	25.702318 19152832	932.2	208.728	2244	2246	2254	2022-06- 28T16:37: 54	2022-06- 28T17:15: 03	57.0	20220628-27
4943				20.016660 69030761 7		0.0	6.8442201 61437988	1150.7409 66796875	1417.0471 19140625	402.94866 94335937 5	0.0					328.33215 33203125			24.741340 63720703	444.8	33.5095	389	415	413	2022-06- 28T15:55: 22	2022-06- 28T16:37: 54	56.7	20220628-26
4942	reeling_ex change	526.83813 4765625	120.08028 41186523 4	19.727821 35009765 6	0.0	0.0	6.7412710 18981934	1138.2458 49609375	1401.6536 86523437 5	398.57492 06542969	0.0	91.856132 50732422	30.392827 9876709	1025.0717 7734375	1254.9647 21679687 5	324.85925 29296875	0.0	73.916328 43017578	24.460956 57348632 8	947.2	220.057	2344	2343	2352	2022-06- 28T15:16: 25	2022-06- 28T15:55: 22	56.6	20220628-25
4941	nw_sup_c hange																			944.1	218.708	0	2413	2423	2022-06- 28T15:55: 08	2022-06- 28T15:55: 08	56.8	
4940	nw_inf_ch ange																			942.8	217.878	0	2413	2423	2022-06- 28T15:55: 01	2022-06- 28T15:55: 01	56.7	
4939	reeling_ex change	505.09390 25878906	115.11533 35571289	18.932525 63476562 5	0.0	0.0				382.26455 68847656						311.48092 65136719		007 40204	23.456851 95922851 6		222.123	2415	2413	2423	2022-06- 28T14:36: 18	2022-06- 28T15:16: 25	56.7	20220628-24
4938	criarige	20000004	20431211			0.0				365.55279 54101562 5						297.67874 14550781	0.0	67.782081 6040039	22.432731 62841797	967.1	223.148	2415	2424	2433	12	28T14:36: 18	57.1	20220628-23
4937	reeling_ex change	459.66711 42578125	104.72466 27807617 2	17.218051 91040039	0.0	0.0	5.8858389 85443115	996.10052 49023438	1226.6265 86914062 5	348.78524 78027344	0.0	80.379234 31396484	26.603342 05627441 4	896.01995 84960938	1097.8095 703125	283.98287 96386719	0.0		21.388698 57788086	955.6	220.136	2359	2358	2367	2022-06- 28T13:17	2022-06- 28T13:56: 12	56.9	20220628-22
4936	nw_sup_c hange																			953.4	219.094	0	2413	2423	01	28T13:56: 01	56.9	
4935	nw_inf_ch ange																			952.0	218.225	0	2413	2423	54	2022-06- 28T13:55: 54	56.5	
4934	reeling_ex change	49511719	34863281	4		0.0				332.52935 79101562 5						270.64938 35449219	0.0	45068359 4	20.384923 93493652 3	968.4	224.534	2415	2413	2423	55	20113.17	57.3	20220628-21
4933	criarige	10100713	0330004	15.634309 76867675 8		0.0	5.3278908 72955322	902.29394 53125	1111.1323 2421875	315.91961 66992187 5	0.0	72.831336 97509766					0.0	58.511459 35058594	0	973.0	223.148	2415	2417	2425	47	28T12:36: 53	56.7	20220628-20
4932	reeling_ex change	394.91662 59765625	89.958175 65917969	14.821633 33892822 3	0.0	0.0	5.0526700 01983643	855.77423 09570312	1053.8640 13671875	299.63864 13574219	0.0	69.078887 93945312	22.848476 40991211	768.66394 04296875	942.63891 6015625	243.61843 87207031 2	0.0	55.474243 1640625	18.349658 96606445 3	966.2	221.562	2378	2377	2386	16	28T11:56: 47	57.0	20220628-19
4931	nw_sup_c hange																			958.7	219.906	0	2413	2423	33	28T11:56: 33	57.1	
4930	nw_inf_ch ange																		.=	957.8	219.93	0	2413	2423	28	28T11:56: 28	57.1	
4929		•		14.009498 59619140 6		0.0	4.7733087 53967285	809.71191 40625	997.15295 41015625	283.50674 43847656	0.0					230.26947 02148437 5	0.0	90869140 6	17.338193 89343261 7	974.1	225.042	2415	2413	2423	09	28T11:17: 16	56.8	20220628-18
4928	reeling_ex change	350.98797 60742187 5	79.983772 27783203	13.187306 40411377	0.0	0.0	3637085	7734375	939.68524 16992188	18066406	0.0	61.581417 08374023 4					0.0	97021484 4	16.330429 07714843 8		222.047	2415	2415	2424	03	28T10:37: 09	57.1	20220628-17
4927	reeling_ex change	329.12643 43261719	75.016471 86279297	12.388607 9788208	0.0	0.0	4.2098379 13513184	716.09368 89648438	881.87963 8671875	250.71630 859375	0.0	57.790588 37890625	19.142496 10900879	641.60430 90820312	786.58483 88671875	203.33985 90087890 6	0.0	46.281143 18847656	15.297560 69183349 6	966.9	218.811	2371	2370	2379	39	28T09:57: 03	56.8	20220628-16
4926	nw_sup_c hange																			963.9	219.74	0	2413	2423	48	28T09:56: 48	57.1	
4925	nw_inf_ch ange			44 57044						004 47404		F0 07 107-	47.05500:			400.04000			44.00770	962.7	219.378	0	2409	2419	42	28T09:56: 42	56.9	
4924				11.576417 92297363 3		0.0	1/5/8125	91001302	0/8125	231.47421 26464843 8						190.04600 52490234 4	0.0	43.292774 20043945		982.3	222.31	2415	2413	2423	31	28T09:17: 39	57.2	20220628-15
4923	reeling_ex change	286.22647 09472656	65.250335 69335938	10.775168 41888427 7	0.0	0.0	3.6588196 75445556 6	613.60693 359375	755.61962 890625	214.81790 16113281 2	0.0	49.528541 56494140 6	16.396947 86071777 3	557.49841 30859375	683.20538 33007812	176.68301 39160156 2	0.0		13.298738 47961425 8	978.9	226.353	2415	2417	2426	2022-06- 28T07:57: 25	2022-06- 28T08:37: 31	57.2	20220628-14

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4922	reeling_ex change	264.64419 55566406	60.351570 12939453	9.9679946 89941406	0.0	0.0	3.3897221 08840942 4	566.74151 61132812	697.89208 984375	198.40463 25683593 8	0.0	45.748580 93261719	15.149847 98431396 5	514.62927 24609375	630.33715 8203125	163.09939 57519531 2	0.0	37.181663 51318359 4	12.275786 39984130 9	965.3	219.835	2358	2353	2361		2022-06- 28T07:57: 25	56.7	20220628-13
4921	nw_sup_c hange																			963.1	218.983	0	2409	2419	2022-06- 28T07:57: 15	2022-06- 28T07:57: 15	56.6	
4920	nw_inf_ch ange																			961.8	216.298	0	2414	2421		2022-06- 28T07:57: 08	57.2	
4919	reeling_ex change	243.86250 30517578	55.631038 66577148 4	9.2042646 40808105	0.0	0.0	3.1209385 39505005	521.29205 32226562	641.91198 73046875	182.49690 24658203	0.0	42.029129 02832031	13.938480 37719726 6	473.37411 49902344	579.18493 65234375	150.01702 88085937 5	0.0	34.190765 38085937 5	11.264968 87207031 2	980.3	225.137	2415	2409	2419	2022-06- 28T06:38: 07	2022-06- 28T07:18: 14	56.7	20220628-12
4918	reeling_ex change	221.76957 70263672	50.585720 06225586	8.3823175 43029785	0.0	0.0	39541626	0625	9/00020			38.249561 30981445	12.655828 47595214 8	432.29470 82519531	525.36785 88867188	137.00198 36425781 2	0.0	31.199338 91296386 7	10.281604 76684570 3	983.1	223.486	2415	2423	2432		2022-06- 28T06:38: 07	57.2	20220628-11
4917	reeling_ex change	200.05500 79345703	45.629112 24365234 4	7.5770096 77886963	0.0	0.0	2.5649445 05691528 3	427.46844 48242187 5	526.35552 97851562	149.66552 734375	0.0	34.520652 77099609 4	11.417739 86816406 2	389.04852 29492187 5	472.56558 22753906	123.28530 88378906 2	0.0	28.071250 91552734 4	9.2650794 98291016	969.3	222.473	2373	2370	2377	2022-06- 28T05:18: 33	2022-06- 28T05:58: 01	56.7	20220628-10
4916	nw_sup_c hange																			966.2	221.844	0	2409	2418		2022-06- 28T05:57: 46	57.1	
4915	nw_inf_ch ange																			966.2	221.749	0	2409	2418	2022-06- 28T05:57: 45	2022-06- 28T05:57: 45	56.9	
4914	reeling_ex change	178.42901 61132812 5	40.672061 92016601 6	6.7756590 84320068	0.0	0.0	2.2880141 73507690 4	381.21054 07714844	469.38372 80273437 5	133.46794 12841797	0.0	30.801284 79003906 2	10.195711 13586425 8	347.07910 15625	421.52020 26367187 5	109.98596 19140625	0.0	25.086238 86108398 4	8.2637710 57128906	978.5	225.328	2415	2414	2421		2022-06- 28T05:18: 33	56.7	20220628-09
4913	reeling_ex change	155.63069 15283203	35.461738 58642578	5.9085307 12127685 5	0.0	0.0	1.9938914 77584838 9	334.09643 5546875	411.38952 63671875	117.00070 19042968 8	0.0	26.958477 02026367 2	8.9243564 60571289	304.12493 89648437 5	369.25430 29785156	96.371406 55517578	0.0	21.934839 24865722 7	7.2412881 85119629	979.4	223.773	2415	2422	2429	2022-06- 28T03:58: 21	2022-06- 28T04:38: 26	57.2	20220628-08
4912	reeling_ex change	133.46403 50341797	30.414024 35302734 4	5.0923275 9475708	0.0	0.0	1.7093362 80822754	287.00372 31445312 5	353.39230 34667969	100.49913 78784179 7	0.0	23.116672 51586914	7.6595802 30712891	260.86300 65917969	316.60641 47949219	82.654869 07958984	0.0	18.783786 77368164	6.1970510 48278809	940.6	210.737	2243	2238	2247		2022-06- 28T03:58: 21	57.2	20220628-07
4911	nw_sup_c hange																			939.3	210.068	0	2409	2418		2022-06- 28T03:58: 13	56.9	
4910	nw_inf_ch ange																			938.0	209.495	0	2421	2430		2022-06- 28T03:58: 07	56.6	
4909	reeling_ex change	113.34827 42309570 3	25.845960 61706543	4.3443756 10351562 5	0.0	0.0	1.4580740 92864990 2	243.34474 18212890 6	299.62271 11816406	85.215675 3540039	0.0	0002.0.2	6.5289835 92987060 5	0000.	268.08886 71875	69.970123 29101562	0.0		5.2419538 49792480 5	977.6	230.203	2415	2409	2418	2022-06- 28T02:40: 57	2022-06- 28T03:21: 04	57.3	20220628-06
4908	reeling ev	91.259178 1616211	20.818176	3.5433902		0.0	1.1683106 42242431 6	195.26403 80859375	240.41670 22705078	68.383255 00488281	0.0	15.770530 70068359 4	5.2347855 56793213	177.02220 15380859 4	215.05326 84326172	56.079734 80224609 4	0.0	12.768471 71783447 3	4.1966290 47393799	974.6	227.453	2415	2418	2427		2022-06- 28T02:40: 57	57.1	20220628-05
4907	reeling_ex change	68.890060 42480469	15.727409 36279296 9	2.6924023 62823486 3	0.0	0.0	0.8852786 42177581 8	147.62936 40136718 8	181.76574 70703125	51.695426 94091797	0.0	32482910	16693115		162.36741 63818359 4		0.0	9.5922355 65185547	3.1406958 10317993	239.3	12.4633	158	158	159	2022-06- 28T01:58: 14	2022-06- 28T02:00: 59	57.1	20220628-04
4906		66.996116 6381836				0.0	0.8569893 83697509	144.54566 95556640	177.98146 05712890 6	50 620550	0.0	11.683101 65405273 4	3.8864226 34124756	130.41198 73046875	158.57127 38037109 4	41.315734 86328125	0.0	9.4057483 6730957	3.1010506 15310669	960.4	224.186	2353	2357	2365		2022-06- 28T01:58: 14	56.7	20220628-03
4905	nw_sup_c hange																			959.1	223.412	0	2421	2430	2022-06- 28T01:58: 07	2022-06- 28T01:58: 07	57.2	
4904	nw_inf_ch ange																			957.8	221.602	0	2418	2428	28T01:58	2022-06- 28T01:58	57.2	
4903		44311523 4	11077880 9	4		0.0	8	00170701	6	34.341888 42773437 5		7.9448852 5390625						6.3574748 03924560 5	82801328	975.4	230.85	2415	2421	2430	28T00:39: 01	2022-06- 28T01:19: 08	57.0	20220628-02
4902		2	00000000	0.8780999 18365478 5		0.0				17.239137 64953613 3			4	59277344	2121582	5	0.0	79199218 8	•		226.353	2415	2428	2440	27T23:58: 56	2022-06- 28T00:39: 01	57.2	20220628-01
4901	reeling_ex change	643.39062 5	141.87344 36035156 2	24.655618 66760254	0.0	0.0	8.1697912 21618652	1038.8084 71679687 5	1565.4450 68359375	714.60076 90429688	0.0	103.68151 09252929 7	34.371864 31884765 6	948.47741 69921875	1414.7862 54882812 5	595.58514 40429688	0.0	85.042892 45605469	28.148246 76513672	936.6	208.542	2234	2236	2244		2022-06- 27T23:58: 56	56.8	20220627-29
4900	nw_sup_c hange																			935.8	207.973	0	2418	2428	27T23:58:	2022-06- 27T23:58: 49	57.0	
4899	nw_inf_ch ange																				208.731	0	2418	2425	27T23:58:	2022-06- 27T23:58: 42	57.2	
4898	reeling_ex change	622.34259 03320312	137.05316 16210937	23.826627 73132324	0.0	0.0	7.9046468 73474121	993.26892 08984375	1509.3286 1328125	698.64520 26367188	0.0	100.04041 29028320	33.164001 46484375	907.23693 84765625	1364.6247 55859375	582.53137 20703125	0.0	82.050651 55029297	27.186752 31933593	973.7	225.042	2415	2418	2428	2022-06- 27T22:41:	2022-06- 27T23:21:	56.9	20220627-28

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4898	change	622.34259 03320312	5	2	0.0	0.0	73474121	00904373	1320123			3	33.164001 46484375	84765625	55859375	20703125	0.0	82.050651 55029297	8	973.7	225.042	2415	2418	2428	40	46	56.9	20220627-28
4897	reeling_ex change	599.88726 80664062	131.92758 17871093 8	22.944366 45507812 5	0.0	0.0				681.34375 (96.035293 57910156	31.850109 10034179 7	863.01983 64257812	1311.0030 51757812 5	568.52160 64453125	0.0		26.119289 39819336	978.7	226.068	2415	2423	2432		2022-06- 27T22:41: 40	56.7	20220627-27
4896	reeling_ex	576.83154 296875	126.64930 72509765 6	22.069620 13244629	0.0	0.0	7.3254022 5982666	895.01513 671875	1388.3548 58398437 5	664.24005 12695312	0.0	92.102622 98583984	30.554655 07507324 2	818.26245 1171875	1256.6665 0390625	554.32543 9453125	0.0	75.646026 61132812	25.055591 58325195 3	238.8	12.1525	156	157	157	2022-06- 27T21:58: 59	2022-06- 27T22:01: 41	56.7	20220627-26
4895	reeling_ex	574.86254 8828125	126.21543	21.990228		0.0	7.2964172	891.83837		663.12158						553.35156 25		75.459236 14501953	24.982479 09545898 4	948.5	216.956	2322	2323	2333	2022-06- 27T21:20: 23	2022-06- 27T21:58: 59	57.2	20220627-25
4894	nw_sup_c	;																		946.8	216.291	0	2418	2425			57.0	
4893	nw_inf_ch ange	1																		945.5	215.924	0	2368	2377	2022-06-		57.2	
4892	reeling_ex	552.52545 16601562	121.09546 66137695 3	21.099313 73596191	0.0	0.0	7.0148224 83062744	844.81695 55664062	1326.5427 24609375	646.66088 8671875	0.0	88.012237 54882812	29.214805 60302734 4	772.28100 5859375	1200.9733 88671875	539.77844 23828125	0.0	72.335273 74267578	23.975076 67541504	968.4	226.618	2415	2418	2425	2022-06-		56.6	20220627-24
4891	reeling ev	529.50140 38085938	115 83110	20.198972		0.0	6.7218065 26184082	795.44244 38476562	1265.7896 72851562 5	629.38739 01367188	0.0					525.78118 89648438			22.900499 34387207	967.9	228.384	2415	2422	2429	2022-06-		56.7	20220627-23
4890	reeling_ex	506.35070 80078125	110.55014	19.296573	0.0	0.0	6.4188208 58001709	746.60644 53125	1205.6942 13867187 5	612.29901 12304688	0.0					511.60903 93066406		65.941665 64941406	21.829538 34533691 4	976.3	232.78	2461	2462	2472	2022-06-		57.1	20220627-22
4889	nw_sup_c hange	;																		974.6	231.916	0	2368	2377			57.3	
4888	nw_inf_ch ange	1																		973.7	232.284	0	2374	2376	2022-06-		56.8	
4887	reeling_ex	482.21975 70800781	105.04546 35620117 2	18.336454 39147949 2	0.0	0.0	0/224121	1134313	09703023			76.043807 98339844	25.248069 76318359 4	637.67578 125	1037.5572 50976562 5	497.11099 24316406	0.0	06469726	20.754352 56958007 8	957.8	222.557	2365	2368	2377			56.6	20220627-21
4886	reeling ev	459.53195 19042969	99 898010	17.455408		0.0	5.8206267 35687256	648.38446 04492188	1084.8677 97851562 5	577.91436 76757812	0.0	72.158058 1665039	23.966829 29992675 8	593.94842 52929688	984.49157 71484375	483.27062 98828125	0.0	59.494853 97338867	19.721561 43188476 6	956.5	223.0	2365	2377	2384	2022-06- 27T18:00: 49	2022-06- 27T18:39: 59	57.2	20220627-20
4885	reeling_ex	436.53820 80078125	94.689384 46044922	16.562892 91381836	0.0	0.0	5.5267243	600.60296		561.20928						469.51785 27832031		56.342475 89111328	18.678966 52221679 7	706.5	123.509	1328	1333	1334	2022-06- 27T17:38: 39	2022-06- 27T18:00: 49	56.8	20220627-19
4884	nw_sup_c hange	;																		704.4	123.045	0	2374	2376	2022-06- 27T18:00: 40	2022-06- 27T18:00: 40	56.9	
4883	nw_inf_ch ange	1																		702.6	122.472	0	2343	2385		2022-06- 27T18:00: 34	57.1	
4882	reeling_ex	423.22463 98925781	91.660781 86035156	16.070198 05908203	0.0	0.0	5.3511118 88885498	573.49810 79101562	992.71508 7890625	551.70141 6015625	0.0	66.136749 26757812	21.962684 63134765 6	526.29620 36132812	902.31610 10742188	461.83621 21582031	0.0	99804687	18.095396 04187011 7	959.1	225.25	2365	2374	2376	2022-06- 27T16:59: 22	2022-06- 27T17:38: 39	57.1	20220627-18
4881	reeling_ex	400.49951 171875	86.507728 57666016	15.183935 16540527 3	0.0	0.0	5.0693717 00286865	525.07720 94726562	933.11334 22851562	534.75848 38867188	0.0	62.251327 51464844	20.679380 41687011 7	482.55395 5078125	849.19006 34765625	447.98291 015625	0.0	51.444484 71069336	17.040712 35656738 3	968.8	221.758	2365	2377	2386	2022-06- 27T16:20: 13	2022-06- 27T16:59: 22	56.7	20220627-17
4880	reeling_ex	376.69519 04296875	81.081375 12207031	14.256187 43896484 4	0.0	0.0	4.7592658 99658203	476.66632 08007812 5	873.47235 10742188	517.79791 25976562	0.0	58.342590 33203125	19.399835 58654785	438.42758 17871094	795.54931 640625	434.00183 10546875	0.0	48.234439 84985351 6	15.995456 69555664	490.2	106.756	1163	1203	1229	2022-06- 27T08:36: 30	2022-06- 27T16:20: 13	57.2	20220627-16
4879	reeling_ex	308.94427 49023437 5	65.715362 54882812	11.650917 05322265 6	0.0	0.0	3.9021034 24072265 6	399.67575 07324219	775.78857 421875	487.44500 73242187 5	0.0	51.947212 21923828	17.262508 39233398 4	369.96295 16601562 5	709.64166 25976562	409.37475 5859375	0.0	21313476	14.294914 24560546 9		208.287	2184	2158	2184	2022-06- 27T08:00: 16	2022-06- 27T08:36: 30	57.0	20220627-15
4878	reeling_ex	287.89166 25976562 5	61.211429 59594726 6	10.840223 31237793	0.0	0.0	3.6422986 98425293	373.46374 51171875	724.95123 29101562	455.47418 21289062 5	0.0	00022 101	7 0000 10	5	00000020	15917969		40.205131 53076172	13.336164 47448730 5	972.3	223.533	2364	2340	2372		2022-06- 27T08:00: 16	57.2	20220627-14
4877	reeling_ex	265.42062 37792969	56.401920 31860351 6	9.9684257 50732422	0.0	0.0	3.3553562 16430664	344.97894 28710937 5	669.65093 99414062	420.73739 62402344	0.0	44.824298 85864258	14.910636 90185546 9	317.43466 18652344	608.95062 25585938	351.24743 65234375	0.0	37.003040 3137207	12.273241 04309082	959.6	222.331	2319	2292	2333	2022-06- 27T06:42: 39	2022-06- 27T07:21: 06	57.1	20220627-13
4876	nw_sup_c hange	;																		957.8	221.65	0	2343	2385		2022-06- 27T07:20: 59	56.7	
4875	nw_inf_ch ange	1																		956.5	221.399	0	2357	2392		2022-06- 27T07:20: 51	57.1	
4874	reeling_ex change	242.98944 09179687	51.628582 00073242	9.1055946 35009766	0.0	0.0	3.0723516 94107055	315.96249 38964844	613.32379 15039062	385.33007 8125	0.0	41.074306 48803711	13.654034 61456298	290.01919 55566406	556.51086 42578125	320.91711 42578125	0.0	33.815982 81860351	11.213235 85510253	968.8	228.515	2363	2343	2385	2022-06- 27T06:03:	2022-06- 27T06:42:	57.2	20220627-12

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4874	reeling_ex change		00073242	9.1055946 35009766		0.0	7	315.96249 38964844	613.32379 15039062	385.33007 8125	0.0	41.074306 48803711	8	290.01919 55566406			0.0	6	9	968.8	228.515	2363	2343	2385	28	39	57.2	20220627-12
4873	reeling_ex change	219.49484 25292968 8	46.631858 82568359 4	8.2303285 59875488	0.0	0.0	2.7736632 82394409	286.38906 86035156	555.90063 4765625	349.27316 28417969	0.0	37.198051 45263672	12.401752 47192382 8	262.00250 24414062 5	503.04464 72167969	289.91632 08007812 5	0.0	30.573743 82019043		966.6	229.529	2363	2350	2389		2022-06- 27T06:03: 28	56.8	20220627-11
4872	reeling_ex change	196.04658 50830078	41.629329 68139648 4	7.3284802 43682861	0.0	0.0	2.4761483 66928100 6	256.10055 54199219	497.11389 16015625	312.33737 18261719	0.0	33.266422 27172851 6	11407470	234.07931 51855468 8	449.52011 10839844	258.97259 52148437 5	0.0	27.320592 88024902 3	9.0514669 41833496	957.8	214.549	2293	2286	2321	2022-06- 27T04:46: 27	2022-06- 27T05:24: 28	56.7	20220627-10
4871	nw_sup_c hange																			955.1	215.188	0	2357	2392	2022-06- 27T05:24: 22	2022-06- 27T05:24: 22	57.0	
4870	nw_inf_ch ange																			953.8	214.624	0	141	144	2022-06- 27T05:24: 14	2022-06- 27T05:24: 14	56.7	
4869	reeling_ex change	173.66345 21484375	36.861263 27514648 4	6.4821500 77819824	0.0	0.0	2.1907210 35003662	225.875	438.44625 85449219	275.48287 96386719	0.0	29.346551 8951416	9.7958526 61132812	206.91589 35546875	397.19155 88378906	228.90345 76416015 6	0.0	24.134746 55151367 2	8.0120477 6763916	972.7	224.824	2363	2357	2392	2022-06- 27T04:07: 17	2022-06- 27T04:46: 27	56.9	20220627-09
4868	reeling_ex change	149.89427 18505859 4	31.821859 35974121	5.6023907 66143799	0.0	0.0	1.8993934 39292907 7	194.23988 34228515 6	377.03723 14453125	236.91029 35791015 6	0.0	25.247770 30944824 2	8.4280538 55895996	178.77354 43115234 4	342.92727 66113281	197.79718 01757812 5	0.0		6.9144759 17816162	976.4	229.253	2364	2362	2396	2022-06- 27T03:28: 07	2022-06- 27T04:07: 17	56.8	20220627-08
4867	reeling_ex change	126.63765 71655273 4	26.871894 83642578	4.7179665 56549072	0.0	0.0						21.202789		150.55938	288.88641 35742187				5.8135414 12353516	937.2	212.299	2201	2189	2234			56.9	20220627-07
4866	nw_sup_c hange																			933.1	211.42	0	141	144	2022-06- 27T03:28	2022-06-	56.6	
4865	nw_inf_ch ange																			931.3	210.637	0	2355	2405	2022-06- 27T03:27: 52	2022-06- 27T03:27: 52	57.2	
4864	reeling_ex change	105.26909 63745117 2	22.323724 7467041	3.9059615 13519287	0.0	0.0	1.3391392 23098754 9	134.10945 12939453	260.34863 28125	163.57283 02001953	0.0	17.443059 92126465	5.8205780 98297119	124.50815 58227539	239.09854 12597656 2	137.75927 734375	0.0	37664795	4.7991666 79382324	209.9	10.9896	142	141	144	2022-06- 27T02:49: 16	2022-06- 27T02:51: 44	56.8	20220627-06
4863	reeling_ex change	103.36595 15380859 4	21.925067 90161132 8	3.8379983 90197754	0.0	0.0	1.3101878 16619873	131.96917 72460937 5	256.20095 82519531	160.98936 46240234 4	0.0	17.150243 75915527 3	5.7335371 97113037	122.78269 19555664	235.76589 96582031 2	135.81259 15527343 8	0.0	14.318634 98687744 1	4.7414484 02404785	974.9	227.53	2363	2350	2399	2022-06- 27T02:10: 05	2022-06- 27T02:49: 16	56.7	20220627-05
4862	reeling_ex change	80.495079 04052734	17.066368 10302734 4	2.9927601 81427002	0.0	0.0	27563476	0	39746093	79809570		13.057986 25946045	4.3679409 02709961	94.413528 44238281	181.68347 16796875	104.45227 81372070 3	0.0	11.007336 61651611 3	3.6501393 31817627	973.2	225.365	2364	2356	2400	2022-06- 27T01:30: 56	2022-06- 27T02:10: 05	56.6	20220627-04
4861	reeling_ex change	56.595447 5402832	11.999629 97436523 4	2.0962290 76385498	0.0	0.0	0.7202540 04001617 4	70.080566 40625	136.05654 90722656 2	85.490493 77441406	0.0	9.1314907 07397461	3.0560905 93338012 7	66.484436 03515625	127.63695 52612304 7	73.570434 5703125	0.0	7.7565870 28503418		970.0	226.18	2352	2344	2392	2022-06- 27T00:51: 55	2022-06- 27T01:30: 56	56.7	20220627-03
4860	nw_sup_c hange																			964.9	224.844	0	2355	2405	2022-06- 27T01:30: 43	2022-06- 27T01:30: 43	57.3	
4859	nw_inf_ch ange																			963.5	224.326	0	2379	2406	2022-06- 27T01:30: 36	2022-06- 27T01:30: 36	57.3	
4858	reeling_ex change	32.556743 62182617	6.8913693 42803955	1.1976593 73283386 2	0.0	0.0	0.4123928 24888229 37	40.602970 12329101 6	78.823608 3984375	49.527004 24194336	0.0			38.203517 91381836			0.0	4.4256687 16430664	1.4670416 11671447 8	971.0	225.268	2363	2355	2405	2022-06- 27T00:12: 42	2022-06- 27T00:51: 55	57.2	20220627-02
4857	reeling_ex change	8.8065843 58215332	1.8648791 31317138 7	0.3212019 80113983 15	0.0	0.0	88	2	01147401	12.618989 94445800 8		1.3488378 52478027 3	0.4653174 57914352 4	9.9210863 11340332	19.043191 90979004	10.968451 49993896 5	0.0	68161010	0.3843110 20374298 1	971.5	225.976	2364	2360	2407	2022-06- 26T23:33: 32	2022-06- 27T00:12: 42	56.7	20220627-01
4856	reeling_ex change	649.97650 14648438	132.13528 44238281 2	24.300483 70361328	0.0	0.0	8.1601219 1772461	1387.5632 32421875	1239.7393 79882812 5	742.03869 62890625	0.0	105.42028 04565429 7	34.874763 48876953	1226.0477 29492187 5	1146.0728 75976562 5	610.76611 328125	0.0	84.871475 21972656	27.994379 0435791	898.7	193.947	2049	2047	2071	2022-06- 26T22:59: 30	2022-06- 26T23:33: 32	56.6	20220626-34
4855	nw_sup_c hange																			897.9	193.322	0	2379	2406	2022-06- 26T23:33: 27	2022-06- 26T23:33: 27	57.2	
4854	nw_inf_ch ange																			895.6	192.456	0	180	182			57.2	
4853	reeling_ex change	628.47113 03710938	127.58599 85351562 5	23.474212 64648437 5	0.0	0.0	7.8917436 59973144 5	1361.8728 02734375	1189.8941 65039062 5	710.75274 65820312	0.0	102.11336 51733398 4	33.766403 19824219	1201.6479 4921875	1099.2747 80273437 5	583.79058 83789062	0.0	82.042335 5102539	27.073478 69873047	970.1	224.66	2373	2379	2406	2022-06- 26T22:20:		56.6	20220626-33
4852				22.597616 19567871		0.0				675.06042 48046875		98.335418 70117188						78.761940 0024414	25.992477 41699218 8	971.5	222.318	2374	2379	2407	2022-06- 26T21:40:		57.0	20220626-32
4851				21.727418 89953613 3		0.0				639.81811 5234375		94.563835 14404297						75.577598 57177734			17.9507	216	217	220	2022-06- 26T21:34:		56.9	20220626-31
4850	reeling_ex		117.19142	21.640415		0.0	7.2719411		1070.8889	635.97210		94.152885 43701172							24.800525 66528320 3		192.733	2051	2059	2076	2022-06- 26T21:00:		57.1	20220626-30

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4849	nw_sup_c hange																			890.8	192.387	0	180	182	2022-06- 26T21:34: 20	2022-06- 26T21:34: 20	56.7	
4848	nw_inf_ch ange																			889.0	191.478	0	186	190	2022-06- 26T21:34: 12	2022-06- 26T21:34: 12	57.1	
4847	change	0023	4	4		0.0	7.0103921 89025879	1275.7342 52929687 5	1022.6463 62304687 5	605.67846 6796875	0.0	90.917884 82666016							23.872983 93249511 7		14.453	180	180	182	2022-06- 26T20:57: 26	2022-06- 26T21:00: 31	57.2	20220626-29
4846		557.19403 07617188				0.0	6.9902219 77233887	1273.3459 47265625	1018.0063 4765625	602.72576 90429688	0.0	90.623466 49169922							23.790870 66650390 6		226.124	2373	2383	2401	2022-06- 26T20:18: 03	2022-06- 26T20:57: 26	56.6	20220626-28
4845	change	533.66870 1171875	2	7		0.0		-		567.09265 13671875		86.811485 29052734						64013672	22.719114 30358886 7		224.397	2373	2383	2405	43	26T20:18: 03	56.7	20220626-27
4844	reeling_ex change	509.73880 00488281	102.30410 76660156 2	18.958904 26635742 2	0.0	0.0	6.3940935 13488769 5	1214.9066 16210937 5	904.57318 11523438	531.48291 015625	0.0	83.002113 34228516	27.435054 77905273 4	1060.6961 66992187 5	829.92382 8125	427.98284 91210937 5	0.0	65.648452 75878906	21.645292 28210449 2	865.2	182.214	1918	1908	1949	54	26T19:38: 43	57.3	20220626-26
4843	nw_sup_c hange																			863.9	181.403	0	1206	1208	35	26T19:38: 35	56.6	
4842	nw_sup_c hange																			863.9	181.403	0	1206	1208	35	26T19:38: 35	56.6	
4841	onango	490.84207 15332031	70000072	4		0.0	313104	70000020	03173000			79.957969 66552734						5	3730004		15.171	187	186	190	47	26T19:06: 54	57.2	20220626-25
4840	onango	489.13082 88574219	00/00/00	6		0.0	03375244	45703125	40234375		0.0	79.663856 50634766							20.706621 17004394 5		17.5471	211	211	215	09	26T19:03: 47	57.0	20220626-24
4839	criarige	487.17831 42089844	02000041	4		0.0	6.1057686 8057251					79.310729 98046875						44042303			235.182	2413	2404	2456	58	26T19:00: 09	57.1	20220626-23
4838					0.0	0.0	28039551	328125	51/5/812			75.325927 734375						59.102165 22216797	19.482997 89428711	974.9	228.163	2413	2415	2463	51	26T18:19: 58	57.1	20220626-22
4837	reeling_ex change	441.85147 09472656	87.380027 7709961	16.336681 36596679 7	0.0	0.0	5.5052657 12738037	1129.0018 31054687 5	739.12097 16796875	427.44952 39257812 5	0.0	71.710090 63720703	23.698080 06286621	979.03118 89648438	673.81665 0390625	337.74816 89453125	0.0		18.444301 60522461	719.4	124.334	1330	1331	1348	42	26T17:39: 51	57.1	20220626-21
4836	nw_sup_c hange																			718.0	123.551	0	1206	1208	44	26T17:39: 44	57.2	
4835	nw_inf_ch ange			45.057404				1110 0000					00 000000			004 44000		54 400070	17.010710	715.8	122.883	0	2361	2398	37	26T17:39: 37	56.9	
4834	change	429.08273 31542969	60302734	5		0.0	5.3464169 5022583					69.704956 0546875							17.849748 61145019 5	715.8	115.553	1202	1206	1208	14	26T17:17: 42	57.3	20220626-20
4833		397.74328 61328125				0.0				375.08377 07519531		66.081161 49902344						51.237506 86645508	75927734 4		204.655	2409	2395	2428	03	26T15:04: 14	46.8	20220626-19
4832	reeling_ex change	374.52758 7890625	73.438179 01611328	13.830807 68585205	0.0	0.0				354.28610 22949219		62.409652 70996094						48.491203 30810547	15.952008 24737548 8	899.7	175.238	2067	2054	2086	15	26T14:09: 03	47.2	20220626-18
4831		355.13162 23144531			0.0	0.0	4.4183602 33306885	973.48870 84960938	588.33294 67773438	336.58703 61328125	0.0	59.335556 03027344	91894531	843.62585 44921875	532.56494 140625	264.09481 81152344	0.0	46.123142 24243164	15.189855 57556152 3	966.9	200.812	2373	2356	2393	15	26T13:27: 15	47.2	20220626-17
4830	nw_sup_c hange																			963.0	199.555	0	2361	2398	2022-06- 26T13:26: 51 2022-06-	26T13:26: 51	46.9	
4829	nw_inf_ch ange			12 369044						216 62271					500 00102	249 71224			14 200255	962.6	199.469	0	2361	2398	26T13:26: 49	26T13:26: 49	46.6	
4828						0.0				316.62371 82617187 5		55.802097 32055664							14.290266 99066162 1		201.615	2379	2361	2398		26T12:39: 15	47.4	20220626-16
4827		312.28106 68945312 5				0.0				296.25961 30371094		52.149623 87084961							13.393604 27856445 3		201.074	2379	2364	2401	26T11:03:	26T11:51: 10	47.4	20220626-15
4826	reeling_ex change	290.42385 86425781	56.960437 7746582	50653076	0.0	0.0	96173095 7	798.20184 32617188	482.42953 49121094	275.99563 59863281	0.0	48.602489 47143555	16.056322 09777832	694.86511 23046875	15820312 5	99707031 2	0.0	38.034931 18286133	12.498189 92614746 1	978.3	203.331	2398	2380	2418		2022-06- 26T11:03: 06	47.1	20220626-14

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4825	nw_sup_c hange																			974.5	203.042	0	2361	2398	2022-06- 26T11:02: 46	2022-06- 26T11:02: 46	46.4	
4824	nw_inf_ch ange																			973.1	202.323	0	2361	2400		2022-06- 26T11:02: 41	47.4	
4823	cnange	36328125	69262695			0.0	3.3309721 94671631	738.59521 484375	446.42083 74023437 5	255.38269 04296875	.0	44.945602 41699219	14.878082 27539062 5	644.63220 21484375	401.11407 47070312 5	201.86051 94091797	0.0	35.302295 68481445	11.601602 55432128 9	975.8	202.992	2379	2361	2398	2022-06- 26T09:26: 31	2022-06- 26T10:14: 37	47.0	20220626-13
4822	reeling_ex change	247.25653 07617187 5	48.470428 46679687 5	9.2156944 27490234	0.0	0.0	3.0696280 00259399 4	680.13287 35351562	411.08752 44140625	235.17768 85986328 0	.0	41.418018 34106445	13.705816 26892089 8	595.20037 84179688	368.52593 99414062 5	186.39903 25927734 4	0.0	32.621894 83642578			198.619	2379	2366	2401	2022-06- 26T08:38: 27	2022-06- 26T09:26: 31	47.0	20220626-12
4821	reeling_ex change	226.58679 19921875	44.421535 49194336	8.4480895 99609375	0.0	0.0	2.8199579 71572876	622.55450 43945312	376.29913 33007812 5	215.26818 84765625 0	.0	37.897693 6340332	12.541287 42218017 6	545.86450 1953125	335.97750 85449219	170.95715 33203125	0.0	29.880359 64965820 3	9.8241014 48059082	974.5	198.162	2380	2362	2401	2022-06- 26T07:50: 20	2022-06- 26T08:38: 27	46.8	20220626-11
4820	nw_sup_c hange																			971.4	195.322	0	2361	2408	2022-06- 26T08:38: 06	2022-06- 26T08:38: 06	47.2	
4819	nw_inf_ch ange																			970.5	195.32	0	2361	2408	2022-06- 26T08:38: 03	2022-06- 26T08:38: 03	47.2	
4818	reeling_ex change	205.85552 97851562 5	40.369613 64746094	7.6828470 23010254	0.0	0.0	85812378	91210938	921875			34.400417 32788086	11.381384 84954834	496.26907 34863281	303.27606 20117187 5	155.43620 30029297	0.0	27.202793 12133789	8.9442386 62719727	976.3	198.077	2379	2361	2400	2022-06- 26T07:02: 14	2022-06- 26T07:50: 20	47.2	20220626-10
4817				6.9232954 97894287		0.0	2.3018970 48950195 3	507.23602 29492187 5	306.59973 14453125	175.38085 9375	.0	30.886562 34741211	10.211617 46978759 8	446.64590 45410156	270.57708 74023437 5	139.88964 84375	0.0	24.463764 19067382 8	8.0579395 29418945	973.2	198.452	2379	2363	2405	2022-06- 26T06:14: 09	2022-06- 26T07:02: 14	47.3	20220626-09
4816	reeling_ex change	164.30288 69628906 2	32.279747 00927734 4	6.1416611 67144775	0.0	0.0	2.0481262 20703125	449.21142 578125	271.54040 52734375	155.32580 56640625 0	.0	27.377822 87597656 2	9.0559558 8684082	397.07644 65332031	238.29476 92871093 8	124.38819 12231445 3	0.0		7.1419172 28698730 5	959.0	194.502	2305	2288	2330	2022-06- 26T05:27: 33	2022-06- 26T06:14: 09	46.6	20220626-08
4815	nw_sup_c hange																			954.2	192.433	0	2359	2408	2022-06- 26T06:13: 45	2022-06- 26T06:13: 45	46.6	
4814	nw_inf_ch ange																			953.7	191.892	0	2359	2408	2022-06- 26T06:13: 41	2022-06- 26T06:13: 41	46.7	
4813		144.45796 20361328			0.0	0.0	09300433	39941400	91013623			23.935031 89086914							13101133		199.991	2379	2361	2408	2022-06- 26T04:39: 28	2022-06- 26T05:27: 33	46.8	20220626-07
4812	reeling_ex change	123.53577 42309570 3	24.306880 95092773 4	4.6267609 59625244	0.0	0.0				115.94025 42114257 0 8	.0	20.374223 70910644 5	6.7571697 23510742	297.11807 25097656	177.23374 93896484 4	93.089385 98632812	0.0	4	5859375		199.16	2379	2363	2409	2022-06- 26T03:51: 23	2022-06- 26T04:39: 28	47.1	20220626-06
4811	reeling_ex change	77856445	20.183799 74365234 4	24237060	0.0	0.0	1.2876111 26899719 2	277.44723 51074219	167.71315 00244140 6	95.930900 57373047 0	.0	5 16.862668 99108886 7	5.6044092 17834473	246.15885 92529297	146.76414 48974609 4	77.121620 17822266	0.0	13.443913 45977783 2	4.4261050 2243042	961.7	192.625	2310	2292	2338	2022-06- 26T03:04: 40	2022-06- 26T03:51: 23	47.1	20220626-05
4810	nw_sup_c hange																			958.1	191.35	0	2360	2397	01	26T03:51: 01	47.3	
4809	nw_inf_ch ange																			957.3	191.012	0	2360	2397	2022-06- 26T03:50: 57	2022-06- 26T03:50: 57	46.8	
4808	change	94384766	2421875		0.0	0.0				76.456100 46386719		13.414028 16772461						3000330			196.661	2379	2359	2408	2022-06- 26T02:16: 34	2022-06- 26T03:04: 40	47.3	20220626-04
4807	reeling_ex change	60.573680 87768555	11.944450 37841796 9	2.2715833 18710327	0.0	0.0	1	2	01201112			9.9622201 91955566	3.3108448 98223877	145.94386 29150390 6	87.000068 66455078	45.733821 86889648 4	0.0	7.9700984 95483398	2.6312024 59335327	981.5	197.618	2379	2363	2408	2022-06- 26T01:28: 30	2022-06- 26T02:16: 34	47.1	20220626-03
4806	reeling_ex change	39.786914 82543945	7.8506064 41497803	1.4955782 89031982 4	0.0	0.0	0.4930354 95281219 5	106.70895 38574218 8	64.492980 95703125	36.896366 11938476 0 6	.0	6.4469771 38519287	2.1523745 05996704	95.088775 63476562	56.668151 85546875	29.799695 96862793	0.0	5.1757750 51116943	1.7161614 89486694 3		198.376	2389	2369	2398	2022-06- 26T00:40: 12	2022-06- 26T01:28: 30	47.4	20220626-02
4805	nw_sup_c hange																			974.5	199.647	0	2360	2397	2022-06- 26T01:28: 09	2022-06- 26T01:28: 09	46.4	
4804	nw_inf_ch ange																			973.1	197.808	0	2366	2387		2022-06- 26T01:28: 01	46.7	
4803	reeling_ex change			0.7100863 45672607 4	0.0	0.0				16.865797 04284668 0		2.9273228 64532470 7						2.3711004 25720215	0.7927408 21838378 9	977.5	198.201	2379	2360	2397	2022-06- 25T23:52: 06	2022-06- 26T00:40: 12	46.4	20220626-01
4802	reeling_ex change	611.17285 15625	121.35456 84814453 1	22.563148 49853515 6	0.0	0.0	7.6166076 66015625	1562.0269 77539062 5	1075.7733 15429687 5	626.50311 27929688 0	.0	101.98381 80541992 2	33.784606 93359375	1384.7889 40429687 5	947.88397 21679688	507.79910 27832031	0.0	81.249191 28417969	26.834140 77758789	981.6	196.12	2379	2368	2403	2022-06- 25T23:04: 02	2022-06- 25T23:52: 06	46.5	20220625-32

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4801	reeling_ex change	589.44458 0078125	117.06465 91186523 4	21.755964 27917480 5	0.0	0.0	7.3458161 35406494	1504.1453 85742187 5	1040.7863 76953125	606.48516 84570312	0.0	98.465782 16552734	32.642444 6105957	1333.7541 50390625	317.40303	491.81915 28320312 5	0.0	78.445159 91210938	25.910863 87634277 3	968.3	195.754	2349	2334	2353	2022-06- 25T22:16: 32	2022-06- 25T23:04: 02	46.8	20220625-31
4800	nw_sup_c hange																			964.3	193.784	0	2366	2387	2022-06- 25T23:03: 39	2022-06- 25T23:03: 39	47.3	
4799	nw_inf_ch ange																			963.4	193.447	0	2369	2396	2022-06- 25T23:03: 33	2022-06- 25T23:03: 33	47.3	
4798	reeling_ex change	569.01165 77148438	113.04066 46728515 6	20.999372 48229980 5	0.0	0.0				586.86102 29492188		94.994148 25439453						011/10/3	25.007257 46154785	974.5	197.285	2379	2366	2387	2022-06- 25T21:28: 26	2022-06- 25T22:16: 32	47.1	20220625-30
4797	reeling_ex change	547.35235 59570312	108.76263 42773437 5	20.171298 98071289	0.0	0.0	54858398	3828125	90039062			91.523521 42333984	30.309013 36669922	1233.0340 57617187 5	857.32934 5703125	460.26568 60351562 5	0.0	73.010955 81054688	2		197.452	2379	2369	2394		2022-06- 25T21:28: 26	47.3	20220625-29
4796	reeling_ex change	525.36810 30273438	104.44642 63916015 6	19.339988 70849609 4	0.0	0.0	6.5437855 72052002	1331.5224 609375	936.42944 3359375	546.75445 55664062	0.0	87.994804 38232422	29.132448 19641113 3	1182.0319 82421875	826.78021 24023438	444.30477 90527344	0.0	70.247634 88769531	23.181821 82312011 7	930.9	180.739	2195	2189	2205	2022-06- 25T19:55: 58	2022-06- 25T20:40: 23	47.2	20220625-28
4795	nw_sup_c hange																			925.1	179.232	0	2369	2396	2022-06- 25T20:39: 54	2022-06- 25T20:39: 54	46.4	
4794	nw_sup_c hange																			925.1	179.232	0	2369	2396	2022-06- 25T20:39: 54	2022-06- 25T20:39: 54	46.4	
4793		505.41772 4609375				0.0				528.44311 5234375		84.750030 51757812	28.072147 36938476 6	1135.4582 51953125	798.95330 81054688	429.70803 83300781	0.0	5415039	03125	966.9	196.911	2379	2369	2396		2022-06- 25T19:55: 58	46.9	20220625-27
4792	reeling_ex change	484.11715 69824219	96.391532 89794922	17.811107 63549804 7	0.0	0.0				508.47268 67675781		81.213111 8774414	o .	0				64.873085 02197266	21.439758 30078125	970.0	197.452	2379	2368	2399	2022-06- 25T18:19: 48	2022-06- 25T19:07: 53	46.5	20220625-26
4791	reeling_ex change	461.60067 74902344	91.994354 24804688	16.978260 04028320 3	0.0	0.0	5.7463974 95269775	1162.8187 25585937 5	834.46142 578125	488.38183 59375	0.0	77.668045 04394531	25.750108 71887207	1033.1396 484375	737.89965 8203125	397.67611 69433594	0.0	62.071132 65991211	20.528491 97387695 3	976.2	200.141	2412	2395	2429		2022-06- 25T18:19: 48	47.3	20220625-25
4790	nw_inf_ch ange																			971.4	198.461	0	2359	2395	2022-06- 25T18:19: 22	2022-06- 25T18:19: 22	46.7	
4789	nw_sup_c hange																			970.9	198.208	0	2359	2395	25T18:19: 19	2022-06- 25T18:19: 19	46.7	
4788	change	440.05615 234375	49169922	8		0.0				467.97610 47363281		74.063270 56884766	79020400	03320312	0/3/8123	84277344		59.204574 58496094	19.589790 34423828	970.0	199.991	2379	2362	2400	2022-06- 25T16:43	2022-06- 25T17:31: 04	46.6	20220625-24
4787		5				0.0				447.58105 46875		70.485046 38671875						64624023	18.647846 22192382 8	970.9	200.076	2379	2367	2404	2022-06- 25T15:54: 57	2022-06- 25T16:43	47.4	20220625-23
4786	reeling_ex change	396.93988 03710937 5	79.190475 46386719	14.603655 81512451 2	0.0	0.0	4.9384431 83898926	986.64520 26367188	727.97839 35546875	427.39407 34863281	0.0	66.927040 10009766	22.165342 33093261 7	877.78680 41992188	645.12725 83007812	349.02716 06445312 5	0.0	53.644847 86987305	17.733037 9486084	953.7	194.33	2295	2273	2313	34	25T15:54: 57	47.1	20220625-22
4785	nw_sup_c hange																			950.2	194.154	0	2359	2395		2022-06- 25T15:54: 37	47.3	
4784	nw_inf_ch ange																			949.3	193.809	0	2351	2388	2022-06- 25T15:54: 32	2022-06- 25T15:54: 32	47.4	
4783	reeling_ex change	376.88922 11914062 5	75.238830 56640625	13.872559 54742431 6	0.0	0.0	74853516	72460938	20262936			63.532016 75415039	40197754	41210938	7109375	5		50.900959 01489258	16.812686 92016601 6	974.9	200.907	2379	2359	2395		2022-06- 25T15:08: 34	46.4	20220625-21
4782	criarige	356.15878 29589844	4373	3		0.0	1007000	52929666	30040870				43017578	94921875	74609375	54/85156		48.042163 84887695	9		199.617	2379	2364	2401	25T13:32: 27	2022-06- 25T14:20: 30	46.9	20220625-20
4781	reeling_ex change	334.25372 31445312 5	66.892272 94921875	12.338634 49096679 7	0.0	0.0	4.1584730 14831543	811.99682 6171875	622.41320 80078125	366.95581 0546875	0.0	56.320816 04003906	18.649843 21594238 3	723.47210 69335938	553.04022 21679688	300.69451 90429687 5	0.0	45.241954 8034668	14.941904 06799316 4	986.4	208.611	2455	2434	2475	2022-06- 25T12:42: 50	2022-06- 25T13:32: 27	47.1	20220625-19
4780	nw_sup_c hange																			981.9	204.674	0	2351	2388	2022-06- 25T13:31: 59	2022-06- 25T13:31: 59	46.6	
4779	nw_inf_ch ange																			980.6	205.182	0	2652	2693	51	25T13:31: 51	46.7	
4778	reeling_ex change	312.81423 95019531	62.678180 69458008	11.551281 92901611 3	0.0	0.0	3.8928625 58364868	750.76196 2890625	585.38848 87695312	345.78302 00195312 5	0.0	52.600502 01416015 6	17.405942 91687011 7	669.38598 6328125	520.78686 5234375	283.76562 5	0.0	83789062	13.963760 37597656 2	971.9	198.479	2369	2351	2388	2022-06- 25T11:54: 57	2022-06- 25T12:42: 50	47.2	20220625-18

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4777	reeling_ex change	291.24789 42871094	58.431324 00512695	10.773085 59417724 6	0.0	0.0	3.6269354 82025146 5	692.36322 02148438	550.09246 82617188	325.57095 33691406	0.0	49.027080 53588867	16.236204 14733886 7	617.70172 11914062	489.93939 20898437 5	267.58505 24902344	0.0	58837890	13.038013 45825195 3	973.5	196.322	2369	2360	2394		2022-06- 25T11:54: 57	46.8	20220625-17
4776	reeling_ex change	271.21734 61914062 5	54.480640 41137695	10.055481 91070556 6	0.0	0.0	3.3729872 70355224 6	633.83520 5078125	514.69512 93945312	305.31277 46582031	0.0	45.467563 62915039	15.052195 54901123	566.10742 1875	459.15698 2421875	251.42848 20556640 6	0.0	36.688152 31323242	12.096505 16510009 8	1033.1	224.209	2680	2660	2701		2022-06- 25T11:07: 04	46.6	20220625-16
4775	nw_sup_c hange																			1030.4	223.921	0	2652	2693		2022-06- 25T11:06: 46	46.4	
4774	nw_inf_ch ange																			1029.1	222.348	0	2330	2371		2022-06- 25T11:06: 38	47.1	
4773	reeling_ex change	2	0007207	15555117		0.0	3.0836756 22940063 5	568.69555 6640625	475.32083 12988281	282.76831 0546875	0.0	41.503425 59814453	13.762888 90838623	508.59057 6171875	424.87063 59863281	233.41522 21679687 5	0.0	33.531440 73486328	11.070917 12951660 2	1034.9	223.925	2670	2652	2693	2022-06- 25T09:19: 03	2022-06- 25T10:12: 55	46.7	20220625-15
4772	reeling_ex change	224.04452 51464843 8	45.229839 32495117	8.3072967 52929688	0.0	0.0				260.42678 83300781		37.561336 51733398 4	12.439012 52746582	451.67230 22460937 5	390.91967 7734375	215.56781 00585937 5	0.0		10.055936 81335449 2	827.8	140.131	1713	1707	1735		2022-06- 25T09:19: 03	46.6	20220625-14
4771	reeling_ex change	208.75158 69140625	42.240478 515625	7.7548170 08972168	0.0	0.0	2.6018278 5987854	461.70919 79980469	410.65017 70019531	245.74058 53271484 4	0.0	34.994579 31518555	11.588413 23852539	413.74230 95703125	368.31759 64355469	203.68232 72705078	0.0	28.406534 19494629	9.3636474 609375	982.9	198.821	2374	2356	2393		2022-06- 25T08:39: 20	47.5	20220625-13
4770	nw_sup_c hange																			975.3	197.546	0	2330	2371	25T08:39	2022-06- 25T08:39 2022-06-	46.5	
4769	nw_inf_ch ange	187.73292	20 151550	6.0717041			2.3409109	403.31951	275 25055	225 54752		31.421157	10.422955	262 04207	229 00722	187.72970		25.626285		974.5	197.121	0	425	433	25T08:38: 54 2022-06-	25T08:38: 54 2022-06-	46.5	
4768		187.73292 54150390 6				0.0	ŭ	ŭ		225.51753 23486328 205.74993		31.421157 83691406 2	Ü			Ü		6	0.2.0000		195.919	2349	2330	2371	25T07:03: 52 2022-06-	25T07:51: 21 2022-06-	47.3	20220625-12
4767	change	166.99433 89892578 146.93365 47851562	85986328	52270508	0.0	0.0			340.82846 06933594 305.65838	205.74993 89648437 5 185.60536	0.0	27.903041 83959961 24.376014	0.0050000	200 50002	077 400 40	155.67059	0.0	20 025262	5		197.807	2349	2334	2374	26	25T07:03: 52 2022-06-	46.4	20220625-11
4766		5	35668945 3	23364258	0.0	0.0		67773437 5	62304687 5	19384765 (6	0.0	70947265 6	98718262	94042969	99902344	32617187 5	0.0	01477050 8	6.5833292 00744629	986.4	203.817	2414	2394	2442	45	25T06:16: 26 2022-06-	46.4	20220625-10
4765	nw_sup_c hange																			982.4	202.069	0	425	433	25T06:16: 03	25T06:16: 03 2022-06-	47.3	
4764	nw_inf_ch ange	125 50082					1 5691046	228 54122	260 60300			20.701786	6 9934010	208 32078				17 160390		981.9	201.728	0	2221	2256		25T06:15: 58	46.6	
4763	reeling_ex change	8	00040210	30004033		0.0	8	5	5				5	4	19873047	48828125		5	15002441		32.3926	428	425	433	25T04:55: 41	25T05:27: 45	47.3	20220625-09
4762	reeling_ex change	4	24.568487 1673584	4.4754333 49609375	0.0	0.0				159.71723 93798828	0.0	19.837265 01464843 8						6			113.058	1371	1359	1381	55	25T04:55: 41	47.3	20220625-08
4761						0.0	39715576 2	99902343 8	8	06542968 8	0.0	11002123	13070370	4	219.97799 68261718 8	6		4	4.8586306 57196045		171.668	2058	2039	2075	25T03:46: 28	2022-06- 25T04:27: 55	47.3	20220625-07
4760		88.993019 1040039				0.0	70637512 2	24804687 5	6	50488281 (2		8	5	5	-	88090289			4.0220103 26385498	586.6	67.1003	810	799	814	25T02:43: 20	2022-06- 25T03:46: 28	46.9	20220625-06
4759	reeling_ex change	75.464035 03417969	16.021356 5826416	2.9040305 61447143 6	0.0	0.0	0.9472057 22332000 7	97.679573 05908203	189.73158 26416015 6	119.14185 33325195 3	0.0	12.785727 50091552 7	4.2430758 47625732	92.521408 08105469	176.21022 03369140 6	102.46929 16870117 2	0.0		3.5233187 67547607 4	950.2	212.298	2240	2221	2256		2022-06- 25T02:43: 20	46.9	20220625-05
4758	nw_sup_c hange																			176.0	0.0960192	2 0	198	201	25T02:43: 55	2022-06- 25T02:43: 55	47.2	
4757	nw_inf_ch ange																				214.795	0	198	201	25T02:43:	2022-06- 25T02:43: 51	46.5	
4756		55.145103 45458984 4				0.0	5	74500547	00048828			9.3166465 75927734						302034	2.5539813 04168701		10.7882	136	135	137		2022-06- 25T01:58: 09	47.1	20220625-04
4755		53.001106 26220703				0.0				84.668930 05371094		9.0772790 90881348	3.0236296 65374756	65.368240 35644531	124.48830 41381836	72.397148 13232422	0.0		2.4758777 61840820 3		222.834	2349	2330	2366	25T01:07:	2022-06- 25T01:55: 17	46.4	20220625-03
4754		30.976696 01440429 7				0.0				50.563079 83398437 5		09539795	84538269	53051758	73.528808 59375	0065918		4.5201072 69287109	1.4564335 34622192 4	979.3	224.12	2349	2334	2371	2022-06- 25T00:20: 18	2022-06- 25T01:07: 48	46.6	20220625-02
4753	reeling_ex change	9.6444892 88330078	2.0513212 68081665	0.3748292 62495040	0.0	0.0	0.1248184 29350852	12.891894 34051513	25.016729 3548584	15.715646 74377441	0.0	1.6735429 76379394	0.5793655 51471710	11.895909 30938720	22.648874 28283691	13.161845 20721435	0.0	1.4038869 14253234	0.4330332 27920532	1083.8	265.579	2889	2866	2908	2022-06- 24T23:22:	2022-06- 25T00:20:	47.0	20220625-01

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4753	reeling_ex change	9.6444892 88330078	2.0513212 68081665	9	0.0	0.0	97	7	25.016729 3548584	4	0.0	5	2	7	4	5	0.0	9	2	1083.8	265.579	2889	2866	2908	02	18	47.0	20220625-01
4752	nw_sup_c hange																			1080.2	266.2	0	2334	2373	2022-06- 25T00:19: 54	2022-06- 25T00:19: 54	46.9	
4751	nw_inf_ch ange																			1079.8	266.012	0	2334	2373		2022-06- 25T00:19: 51	47.0	
4750		628.71569 82421875				0.0	46337891	66015625	1545.5092 7734375	53710938		107.79297 63793945 3	35.667152 40478515 6	842.13134 765625	1400.9672 8515625	810.89599 609375	0.0	88.277595 52001953	29.130847 93090820 3	318.4	16.375	201	198	201	2022-06- 24T23:10: 59	2022-06- 24T23:22: 02	46.6	20220624-32
4749	reeling_ex change	624.65844 7265625	129.94895 93505859 4	23.575189 5904541	0.0	0.0	7.8676090 24047852	922.14965 8203125	1540.3863 52539062 5	975.00860 59570312	0.0	107.49456 78710937 5	35.556270 59936523 4	839.46295 16601562	1395.9324 95117187 5	807.96716 30859375	0.0	87.959678 64990234		807.9	155.792	1620	1607	1633	2022-06- 24T22:38: 11	2022-06- 24T23:10: 59	46.7	20220624-31
4748		609.49279 78515625				0.0	7.6739778 51867676	901.24060 05859375	1499.7885 7421875	949.52935 79101562	0.0	104.75151 06201171 9	34.662235 26000976 6	820.96917 72460938	1360.6489 2578125	787.52124 0234375	0.0	85.802940 36865234	28.347173 6907959	975.0	223.677	2349	2336	2373	24T21:50:	2022-06- 24T22:38: 11	47.3	20220624-30
4747	reeling_ex change	587.11346 43554688	121.94403 07617187 5	22.127019 88220215	0.0	0.0	7.3999223 70910644 5	871.26452 63671875	1441.5913 0859375	912.98840 33203125	0.0	100.85896 30126953 1	33.373241 42456055	794.25653 07617188	1309.4907 2265625	757.93408 203125	0.0		27.292053 22265625	982.6	232.547	2413	2396	2434	2022-06- 24T21:01: 55	2022-06- 24T21:50: 43	46.5	20220624-29
4746	nw_sup_c hange																			979.3	229.673	0	2334	2373	2022-06- 24T21:50: 23	2022-06- 24T21:50: 23	46.5	
4745	nw_inf_ch ange																			978.4	229.116	0	2337	2375	2022-06- 24T21:50: 18	2022-06- 24T21:50: 18	46.6	
4744	reeling_ex change	564.81036 37695312	117.19918 82324218 8	21.256902 69470215	0.0	0.0	7.1170687 67547607	840.98968 50585938	1382.8273 92578125	876.08026 12304688	0.0	96.900459 28955078	32.066989 89868164	766.72302 24609375	1256.7791 74804687 5	727.50286 86523438	0.0	79.449928 2836914	26.238618 85070800 8	973.9	223.374	2349	2334	2373	2022-06- 24T20:14: 26	2022-06- 24T21:01: 55	46.7	20220624-28
4743	reeling_ex change	543.08026 12304688	112.53664 39819336	20.418348 31237793	0.0	0.0	6.8365178 10821533	811.61279 296875	1325.7731 93359375	840.24407 95898438	0.0	93.076507	30.795227	739.96276 85546875	1205.4963	697.92492	0.0	76.341148 37646484	25.191120 14770507 8	972.1	229.985	2349	2335	2374	2022-06- 24T19:26: 57	2022-06- 24T20:14: 26	47.0	20220624-27
4742	reeling_ex change	520.77093 50585938	107.77672 57690429 7	19.546648 02551269 5	0.0	0.0	6.5541825 29449463	781.68859 86328125	1267.6734 61914062 5	803.76983 64257812	0.0	89.176414 4897461	29.525651 93176269 5	713.09570 3125	1153.9290 77148437 5	668.22503 66210938	0.0	73.174240 11230469	24.157373 42834472 7	954.6	220.005	2280	2269	2305	2022-06- 24T18:40: 44	2022-06- 24T19:26: 57	47.0	20220624-26
4741	nw_sup_c hange																			950.2	218.307	0	1952	1983		2022-06- 24T19:26: 34	46.8	
4740	nw_inf_ch ange																			949.8	218.014	0	1952	1983		2022-06- 24T19:26: 30	47.1	
4739	reeling_ex change	498.25769 04296875	102.98741 91284179 7	18.679983 13903808 6	0.0	0.0	6.2681250 57220459	753.36328 125	1212.6739 50195312 5	769.25433 34960938	0.0	85.513404 8461914	28.303239 82238769 5	687.38446 04492188	1104.6195 06835937 5	639.79974 36523438	0.0		23.179924 01123047	970.5	219.433	2349	2337	2375	2022-06- 24T17:53: 16	2022-06- 24T18:40: 44	47.2	20220624-25
4738	reeling_ex change	476.88473 51074219	98.430580 13916016	17.836320 87707519 5	0.0	0.0	6.0096082 68737793	724.22839 35546875	1156.1146 24023437 5	733.72473 14453125	0.0	81.664329 5288086	27.052114 48669433 6	660.91516 11328125	1053.7031 25	610.51550 29296875	0.0	67.085289 00146484	22.152385 71166992 2	280.6	12.1388	147	146	148	2022-06- 24T17:50: 09	2022-06- 24T17:53: 16	47.0	20220624-24
4737	reeling_ex change	475.73776 24511719	98.189559 93652344	17.786581 03942871	0.0	0.0	5.9898176 19323730 5	722.32525 63476562	1152.4306 640625	731.41546 63085938	0.0	81.422935 48583984	26.939069 74792480 5	659.19842 52929688	1050.4039 30664062 5	608.60400 390625	0.0	66.895248 41308594	22.080169 67773437 5	975.4	224.217	2349	2343	2376	2022-06- 24T17:02: 35	2022-06- 24T17:50: 09	47.0	20220624-23
4736	reeling_ex change	453.18563 84277344	93.404273 9868164	16.964000 70190429 7	0.0	0.0	5.7075009 3460083	693.02087 40234375	1095.5233 15429687 5	695.66412 35351562	0.0			633.27886 96289062				63.916721 34399414	21.088693 61877441 4	864.3	185.215	1892	1876	1906	24T16:24:	2022-06- 24T17:02: 35	46.8	20220624-22
4735	nw_sup_c hange																			859.4	182.271	0	1952	1983	24T17:02:	2022-06- 24T17:02: 09	47.1	
4734	nw_inf_ch ange																			857.6	179.444	0	2377	2423	2022-06- 24T17:02	2022-06- 24T17:02	47.3	
4733	reeling_ex change	435.65530 39550781	89.690933 22753906	16.277118 68286132 8	0.0	0.0	5.4902691 84112549	669.64300 53710938	1050.1234 13085937 5	667.14514 16015625	0.0	74.562019 34814453	24.704027 17590332	612.14306 640625	959.89385 98632812	556.51129 15039062	0.0	45556640	20.271142 95959472 7		191.043	1973	1952	1983		2022-06- 24T16:24: 14	47.2	20220624-21
4732	reeling_ex change	417.55874 63378906	85.859794 61669922	15.550967 2164917	0.0	0.0	5.2569499 01580810 5	645.14447 02148438	1002.5284 42382812 5	637.24554 44335938	0.0		48010254	69140625	01132812	13470002			19.424142 83752441 4		190.914	1956	1939	1968	24T15:04:	2022-06- 24T15:44: 17	46.8	20220624-20
4731	reeling_ex change	399.10452 27050781	81.961181 640625	14.873305 32073974 6	0.0	0.0	5.0237441 06292725	620.77996 82617188	955.19635 00976562	607.53363 03710938	0.0	68.201919 55566406	22.577468 87207031 2	568.11669 921875	875.33911 1328125	507.79708 86230469	0.0	56.246891 02172851 6	18.583963 39416504	740.9	132.92	1369	1361	1384	24T14:31:	2022-06- 24T15:04: 43	47.3	20220624-19
4730	reeling_ex change	385.20275 87890625	78.991577 1484375	14.332903 86199951 2	0.0	0.0	4.8461899 75738525	603.43249 51171875	921.48022 4609375	586.34790 0390625	0.0	65.992919 921875	21.855104 44641113 3	552.74847 41210938	845.76928 7109375	490.77279 66308594	0.0	54.478775 02441406	17.983634 94873047	947.1	218.247	2228	2209	2249	24T13:46:	2022-06- 24T14:31: 57	46.8	20220624-18
4729	nw_sup_c hange																			941.8	214.98	0	2377	2423		2022-06- 24T14:31: 37	46.8	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	ВЗ	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4728	nw_inf_ch ange																			941.0	213.884	0	2377	2424	2022-06- 24T14:31: 32	2022-06- 24T14:31: 32	46.9	
4727	reeling_ex change	364.03131 10351562 5	74.469093 3227539	13.520614 62402343 8	0.0	0.0	4.5822801 58996582	576.62194 82421875	869.39624 0234375	553.60986 328125 0	.0	62.480735 77880859 4	3	900120	04101302	5		51.521110 53466797	17.018993 37768554 7	989.2	231.466	2400	2377	2423	2022-06- 24T12:58: 24	2022-06- 24T13:46: 54	47.1	20220624-17
4726	reeling_ex change	341.09164 42871094	69.571296 69189453	12.656210 89935302 7	0.0	0.0			813.60296 63085938		.0	58.750766 75415039	19.459938 04931640 6	500.36181 640625	745.08990 47851562	432.74588 01269531	0.0	48.342563 62915039	15.964086 53259277 3	989.4	229.885	2399	2382	2423	2022-06- 24T12:09: 58	2022-06- 24T12:58: 24	47.0	20220624-16
4724	nw_sup_c hange																			942.3	210.318	0	2377	2424	2022-06- 24T12:09: 37	2022-06- 24T12:09: 37	46.5	
4723	nw_inf_ch ange																			941.4	209.928	0	1908	1941	2022-06- 24T12:09: 32	2022-06- 24T12:09: 32	46.6	
4721	nw_sup_c hange																			942.3	210.318	0	2377	2424	2022-06- 24T12:09: 37	2022-06- 24T12:09: 37	46.5	
4720	nw_inf_ch ange																			941.4	209.928	0	1908	1941	2022-06- 24T12:09: 32	2022-06- 24T12:09: 32	46.6	
4719	criarige	41033213	04003000	3		0.0	4	00200900	27559002			51.591445 92285156						42.206924 43847656	13.953688 62152099 6	987.3	233.571	2399	2377	2424	2022-06- 24T10:36: 55	2022-06- 24T11:25: 24	47.4	20220624-15
4718	change	23144031	42103000	10.135670 66192627		0.0				416.48245 23925781 0		47.858596 80175781						39.020168 30444336	12.905809 40246582	996.0	231.368	2400	2382	2427	25	24T10:36: 55	46.9	20220624-14
4717	reeling_ex change	253.92695 61767578	51.033695 22094726 6	9.2870130 53894043	0.0	0.0	3.1793258 19015503	435.92483 52050781	595.86206 0546875	381.84445 19042969	.0	44.128570 55664062 5	14.624599 45678711	393.69818 11523437 5	540.06884 765625	314.62817 3828125	0.0	53735351	11.852718 35327148 4	948.4	212.965	2189	2173	2213	09	24T09:48: 25	46.8	20220624-13
4716	nw_sup_c hange																			944.0	213.236	0	1989	2004	02	24T09:48: 02	46.9	
4715	nw_inf_ch ange																			943.6	213.282	0	1989	2004	58	24T09:47: 58	46.6	
4714	change	6	32373047	8.4563179 01611328		0.0	43500791	00878906	33203125			40.788360 59570312 5						16772461		889.8	184.672	1921	1908	1941	12	24T09:04: 09	47.1	20220624-12
4713				7.7632980 34667969		0.0	6	09333409	71302031		.0	37.796569 82421875						27563476 6	10.051764 48822021 5		227.13	2400	2387	2424	46	24T08:25: 12	47.1	20220624-11
4712	reeling_ex change	193.86666 87011718 8	38.293003 08227539	6.9589810 37139893	0.0	0.0			446.35772 70507812 5		.0		9	5	40010001	8		27.355878 82995605 5	9.0484457 01599121	551.4	63.6823	645	643	657	59	24T07:36: 46	46.8	20220624-10
4711				6.3414893 15032959	0.0	0.0	2.2248044 01397705	340.38461 30371094	410.68029 78515625	265.61871 33789062 0 5	.0	31.758703 23181152 3	10.518354 41589355 5	303.22305 29785156	366.51721 19140625	214.74496 45996093 8	0.0	25.332864 76135254	8.3687124 25231934	931.7	212.235	2049	2059	2076	33	24T05:47: 59	47.0	20220624-09
4710	nw_sup_c hange																			1200.0	214.56	0	2409	2434	22	24T05:48: 22	47.4	
4709	nw_inf_ch ange																			1200.0	214.35	0	2409	2434	19	24T05:48: 19	46.8	
4708	onango	4	8	5.5921320 91522217		0.0	53163147	08203125	362.99087 52441406	01953125	.0	28.066272 73559570 3	9.2941131 59179688	267.87271 11816406	321.60134 88769531	189.71939 08691406 2	0.0	36645507 8	7.4114885 33020019 5			1976	1989	2004	31	24T05:06: 33	46.6	20220624-08
4707	reeling_ex change	136.60189 81933593 8	26.775478 36303711	4.8691806 79321289	0.0	0.0	1.7064934 96894836 4	262.58575 43945312 5	316.75170 8984375	204.87796 02050781 0 2	.0	24.485174 17907715					0.0	19.494697 57080078	6.4318242 07305908	1011.0	252.595	2412	2421	2447	40	24T04:26: 31	47.0	20220624-07
4706	nw_sup_c hange																			1009.3	250.257	0	2409	2434	21	24T04:26: 21	46.8	
4705	nw_inf_ch ange																			1008.4	250.218	0	154	155	16	24T04:26: 16	46.6	
4704				3.9819865 22674560 5		0.0				168.27024 84130859 0 4		20.147926 33056640 6						3		1010.2	250.941	2400	2409	2434	06	24T03:37: 40	47.3	20220624-06
4703	reeling_ex change	87.729957 5805664	17.183261 87133789	3.1405832 76748657 2	0.0	0.0	1.0973461 86637878 4	168.95106 50634765 6	203.73620 60546875	131.78660 58349609 0 4	.0	15.742753 98254394 5	5.2148175 23956299	148.04187 01171875	177.78524 78027343 8	104.81748 96240234 4	0.0	84014892	4.0752434 73052978 5	1007.7	251.939	2400	2420	2435	2022-06- 24T02:00: 35	2022-06- 24T02:49: 06	46.8	20220624-05

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4702	reeling_ex change	62.444614 41040039		2.2219669 81887817 4	0.0	0.0	0.7877483 96396637	119.05455 78002929 7	143.56201 171875	92.854507 44628906	0.0	11.099149 70397949 2	3.6920359 13467407 2	35888671	126.97138 21411132 8	74.722457 88574219	0.0	8.7736730 57556152	2.8970022 20153808 6	954.6	231.959	2214	2233	2246		2022-06- 24T02:00: 35	47.2	20220624-04
4701	nw_sup_c hange																			951.9	232.223	0	154	155	2022-06- 24T02:00: 21	2022-06- 24T02:00: 21	46.5	
4700	nw_inf_ch ange																			951.1	231.991	0	2239	2252		2022-06- 24T02:00: 15	46.9	
4699	reeling_ex change	39.987880 70678711	7.8161325 45471191	1.4229117 63191223 1	0.0	0.0	0.4987589 12086486 8	73.641525 26855469	88.854461 66992188	57.487747 19238281	0.0	6.8507108 68835449						2000-01	1.8249721 52709961	283.2	13.8356	153	154	155	2022-06- 24T01:12: 39	2022-06- 24T01:15: 52	47.2	20220624-03
4698	reeling_ex change	37.710849 76196289	7.3701529 50286865	1.3422553 53927612 3	0.0	0.0	0.4734040 79675674 44	70.356132 50732422	84.896224 97558594	54.916080 47485351 6	0.0	6.5594716 07208252	2.1645648 47946167	63.945350 64697265 6	76.760025 02441406	45.294387 81738281	0.0	5.2817049 02648926	1.7581610 67962646 5	1003.0	255.019	2399	2420	2433		2022-06- 24T01:12: 39	47.3	20220624-02
4697	reeling_ex change	12.860252 38037109 4		16964721	0.0	0.0	67182540	43078613	28.313257 21740722 7	30371093	0.0	2.1791598 79684448 2	0.7083819 50855255 1	21.335489 27307129	25.630899 42932129	15.135715 48461914	0.0	56814575	0.5944905 28106689 5	997.4	249.73	2400	2428	2436	2022-06- 23T23:35: 32	2022-06- 24T00:24: 05	46.9	20220624-01
4696	reeling_ex change	758.67590 33203125	107.13286 59057617 2	26.345695 49560547	0.0	0.0	9.0062332 15332031	1331.4660 64453125	1604.2293 70117187 5	999.74719 23828125	0.0	123.16458 12988281 2	40.673923 49243164	1207.5817 87109375	1435.1647 94921875	824.23565 67382812	0.0		33.085208 89282226 6	982.8	242.936	2331	2351	2360	2022-06- 23T22:48: 21	2022-06- 23T23:35: 32	46.8	20220623-37
4695	nw_sup_c hange																			979.7	239.696	0	2239	2252	2022-06- 23T23:35: 14	2022-06- 23T23:35: 14	46.9	
4694	nw_inf_ch ange																			978.8	238.863	0	2420	2429	2022-06- 23T23:35: 08	2022-06- 23T23:35: 08	46.5	
4693			26782226	25.489717 48352050 8	0.0	0.0	8.7033672 33276367	1286.7266 84570312 5	1550.2651 3671875	964.83587 64648438	0.0	118.95123 29101562 5		17382812	09179687		0.0	96.603858 9477539	31.966749 19128418	957.7	228.814	2219	2239	2252	2022-06- 23T22:03: 34	2022-06- 23T22:48: 21	47.0	20220623-36
4692	reeling_ex change	711.06628 41796875	97.780670 16601562	24.653623 58093261 7	0.0	0.0				931.74310 30273438		115.01116 94335937 5						1200041	30.875194 54956054 7		10.4762	123	124	125		2022-06- 23T22:03: 34	47.3	20220623-35
4691	reeling_ex change	710.35748 29101562	97.648880 00488281	24.623657 2265625	0.0	0.0				929.64837 64648438		114.77155 30395507 8						93.117210 3881836	30.808776 85546875	996.9	249.455	2400	2425	2438	2022-06- 23T21:12: 30	2022-06- 23T22:00: 56	46.9	20220623-34
4690	reeling_ex change	685.12774 65820312	92.670051 57470703	23.717168 8079834	0.0	0.0	19592285	55859375	4140625			110.43988 80004882 8	36.480987 54882812 5	1082.6606 4453125	1286.1071 77734375	735.77813 72070312	0.0		29.642469 40612793	265.2	11.3422	130	132	132		2022-06- 23T21:12: 30	47.3	20220623-33
4689	reeling_ex change	684.33953 85742188	92.510818 48144531	23.697038 65051269 5	0.0	0.0	8.0794010 16235352	1193.0858 15429687 5	1437.2996 82617187 5	891.73046 875	0.0	8 110.19841 76635742 2	36.417564 39208984 4	1080.3632 8125	1283.4100 34179687 5	734.13391 11328125	0.0	89.355300 90332031	29.575525 28381347 7	994.7	252.3	2404	2425	2434	2022-06- 23T20:21: 05	2022-06- 23T21:09: 46	47.2	20220623-32
4688	nw_sup_c hange																			991.2	251.424	0	2416	2424		2022-06- 23T21:09: 25	46.8	
4687	nw_inf_ch ange																			990.7	251.379	0	2416	2424	2022-06- 23T21:09: 22	2022-06- 23T21:09: 22	46.5	
4686	reeling_ex change	658.70666 50390625	87.478126 5258789	22.791564 94140625	0.0	0.0	66204834	08203125	0859375	83984375	0.0	3	99975586	1037.7067 87109375	41015625	/5		29980469	28.394615 17333984 4		251.833	2399	2420	2429		2022-06- 23T20:21: 05	47.2	20220623-31
4685	reeling_ex change	633.84075 92773438	82.601829 5288086	21.862388 61083984 4	0.0	0.0				819.35345 45898438		101.55606 07910156 2							27.223346 71020507 8		250.835	2399	2425	2432	2022-06- 23T18:44: 02	2022-06- 23T19:32: 32	47.3	20220623-30
4684		609.39624 0234375		20.983371 73461914		0.0	7.1429662 70446777	1053.9941 40625	1269.4902 34375	783.09118 65234375	0.0	97.226684 5703125	32.114311 21826172	952.47515 86914062	1131.3356 93359375	643.56506 34765625	0.0	78.702445 98388672	26.039068 2220459	958.6	232.542	2232	2249	2258	23T17:58: 49	2022-06- 23T18:44: 02	46.8	20220623-29
4683	nw_sup_c hange																			955.0	230.239	0	2416	2424	41	23T18:43: 41	47.2	
4682	nw_inf_ch ange																			954.2	229.728	0	2416	2422	37	23T18:43: 37	46.5	
4681				20.106348 03771972 7		0.0				749.47210 69335938		93.173324 58496094							24.935029 98352050 8		252.796	2399	2416	2424	23	23T17:58: 49	47.1	20220623-28
4680				19.212955 47485351 6		0.0	89892578	94921875	23040875			88.840560 91308594							23.752302 16979980 5		13.2166	149	150	150	15	23T17:10: 23	46.8	20220623-27
4679	reeling_ex change	559.09893 79882812	67.913825 98876953	19.131090 16418457	0.0	0.0	6.5123252 86865234	962.88159 1796875	1158.1101 07421875	709.71636 96289062	0.0	88.602706 90917969	29.272621 15478515 6	868.61975 09765625	1030.4385 98632812 5	582.33197 02148438	0.0	71.584251 4038086	23.685880 66101074 2	995.6	252.138	2399	2419	2427	2022-06- 23T16:18: 43	2022-06- 23T17:07: 15	47.3	20220623-26

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4678	reeling_ex change	534.25476 07421875	63.053256 98852539	18.253776 55029297	0.0	0.0	6.2122340 20233154	918.22473 14453125	1102.5013 42773437 5	672.26593 01757812	0.0	84.276824 95117188	27.821273 80371093 8	826.93743 89648438	979.34692 3828125	550.61395 26367188	0.0	67.965835 57128906	22.502410 88867187 5	963.0	236.518	2258	2273	2282	2022-06- 23T15:32: 59	2022-06- 23T16:18: 43	46.8	20220623-25
4677	nw_sup_c hange																			959.5	234.82	0	2416	2422	2022-06- 23T16:18: 23	2022-06- 23T16:18: 23	46.6	
4676	nw_inf_ch ange																			958.1	234.025	0	2415	2423		2022-06- 23T16:18: 15	46.6	
4675	reeling_ex change	510.47082 51953125	58.371009 82666015 6	17.412170 41015625	0.0	0.0	5.9145202 63671875	875.96551 51367188	1049.8769 53125	636.83013 91601562	0.0	80.192207 33642578	26.489652 63366699 2	788.40454 1015625	932.08361 81640625	521.30224 609375	0.0	64.624122 6196289	21.393899 91760254	993.0	252.138	2400	2416	2422	2022-06- 23T14:44: 33	2022-06- 23T15:32: 59	47.3	20220623-24
4674	reeling_ex change	485.14367 67578125	53.410266 8762207	16.500045 77636718 8	0.0	0.0	5.5972990 98968506	831.30206 29882812	994.26690 67382812	599.41510 00976562	0.0	75.858428 95507812	25.082733 15429687 5	747.17968 75	881.48803 7109375	489.96121 21582031	0.0	98168945			15.3133	168	169	169		2022-06- 23T14:44: 33	47.3	20220623-23
4673	reeling_ex change	483.64117 43164062 5	53.122978 21044922	16.440555 57250976 6	0.0	0.0	5.5801463 12713623	828.21997 0703125	990.42651 3671875	596.82989 50195312	0.0	75.561607 36083984	24.983484 26818847 7	744.16302 49023438	877.77947 99804688	487.65539 55078125	0.0	60.829078 67431640 6	20.145792 00744629	998.7	250.481	2400	2418	2424	2022-06- 23T13:52: 30	2022-06- 23T14:41: 02	47.3	20220623-22
4672	reeling_ex change	458.76428 22265625	48.216175 0793457	15.562985 42022705	0.0	0.0			935.23413 0859375	559.68859 86328125	0.0	71.284713 74511719	23.547672 27172851 6	703.18756 10351562	827.51025 390625	456.51104 73632812 5	0.0	76416015	18.954315 18554687 5	996.1	246.568	2388	2405	2415	23T13:04:	2022-06- 23T13:52: 30	47.2	20220623-21
4671	nw_sup_c hange																			992.1	247.627	0	2118	2126	2022-06- 23T13:52: 08	2022-06- 23T13:52: 08	47.3	
4670	nw_inf_ch ange																			991.2	247.142	0	2118	2126		2022-06- 23T13:52: 04	46.5	
4669	reeling_ex change	434.89401 24511719	43.538269 04296875	14.709900 85601806 6	0.0	0.0			880.59277 34375	522.91491 69921875	0.0	67.083419 79980469	22.170146 94213867 2	662.52239 99023438	777.48742 67578125	425.59210 20507812 5	0.0	53.799434 66186523 4		997.8	249.1	2400	2415	2423	2022-06- 23T12:15: 33	2022-06- 23T13:04: 07	47.3	20220623-20
4668	change	410.85726 92871094	00400201	a		0.0	4.6731009 4833374	696.62506 10351562	826.54193 11523438	486.55194 09179687 5	0.0	62.937091 82739258	20.791904 44946289	621.96386 71875	727.62097 16796875	394.76824 95117187 5	0.0		16.647974 01428222 7	998.3	243.856	2399	2419	2426	23T11:27:	2022-06- 23T12:15: 33	47.3	20220623-19
4667	reeling_ex change	387.07031 25	34.097049 71313476 6	12.972842 2164917	0.0	0.0	4.3720045 08972168	653.28295 8984375	772.57604 98046875	450.21929 93164062 5	0.0	58.700531 00585937 5	19.413574 21875	582.34191 89453125	678.77770 99609375	364.63012 6953125	0.0	46.899005 88989258	15.518739 70031738 3	954.3	219.59	2196	2213	2216	2022-06- 23T10:42: 37	2022-06- 23T11:27: 02	47.3	20220623-18
4666	nw_sup_c hange																			950.2	216.018	0	2346	2346		2022-06- 23T11:26: 41	46.8	
4665	nw_sup_c hange																			950.2	216.018	0	2346	2346		2022-06- 23T11:26: 41	46.8	
4664	change	365.10403 44238281	94470215	4		0.0	5	98632812	56835938			05957031	83190918	546.41998 29101562	12890625	89160156		43.788913 72680664	14.478422 16491699 2	933.3	213.976	2119	2118	2126		2022-06- 23T10:42: 37	47.0	20220623-17
4663		343.37332 15332031				0.0	3.8332922 45864868	575.61700 43945312	675.83850 09765625	385.11309 81445312 5	0.0	51.221271 51489258						19775390	13.457608 22296142 6	935.7	211.102	2119	2118	2124	2022-06- 23T09:17: 44	2022-06- 23T10:00: 06	47.1	20220623-16
4662		322.87026 97753906			0.0	0.0	49435425	5/03125	59765625					476.41418 45703125					12.475920 67718505 9	589.2	78.0665	790	793	795	28	23T09:17: 44	46.5	20220623-15
4661	reeling_ex change	293.68124 38964844	15.960466 38488769 5	9.5405826 56860352	0.0	0.0	3.2169508 93402099 6	504.00842 28515625	586.71936 03515625	325.30221 55761719	0.0	44.289718 62792969	14.634303 09295654 3	445.73129 27246094	510.76608 27636719	260.82049 56054687 5	0.0	35.089363 09814453	11.592920 30334472 7	944.1	209.172	2268	2230	2229	2022-06- 23T06:55: 49	2022-06- 23T07:33: 28	56.6	20220623-14
4660	nw_inf_ch ange																			1200.0	211.822	0	209	209	2022-06- 23T07:33: 48	2022-06- 23T07:33: 48	56.5	
4659	nw_sup_c hange																			1200.0	211.728	0	209	209	47	23T07:33: 47	57.0	
4658	reeling_ex change	269.23010 25390625	14.603448 86779785 2	8.7340354 9194336	0.0	0.0	03423020	203023	30443312				•	408.52990 72265625		•		32.127700 80566406	3	966.6	216.591	2383	2346	2346	15	23T06:55: 49	56.7	20220623-13
4657						0.0				269.68762 20703125			-	-	-			8	27441406	969.3	219.925	2383	2351	2349	2022-06- 23T05:36: 43	2022-06- 23T06:16: 15	57.0	20220623-12
4656	reeling_ex change	219.86697 38769531 2	11.897728 91998291	7.1384725 57067871	0.0	0.0	2.4057791 23306274 4	374.44558 71582031	435.94696 04492187 5	241.64942 93212890 6	0.0	32.934295 65429687 5	10.858676 91040039	330.61038 20800781	378.73635 86425781	193.43072 50976562 5	0.0	26.007598 87695312 5	8.5881681 44226074	933.6	206.636	2215	2179	2184	04	23T05:36: 43	56.7	20220623-11
4655	nw_sup_c hange																			932.2	205.973	0	209	209	2022-06- 23T05:36: 35	2022-06- 23T05:36: 35	56.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4654	nw_inf_ch ange																			930.5	206.275	0	2316	2318	2022-06- 23T05:36: 26	2022-06- 23T05:36: 26	56.7	
4653	reeling_ex change	195.99822 99804687 5	10.582424 16381836	6.3528165 81726074	0.0	0.0	2.1384165 28701782 2	334.03289 79492187 5	388.91378 78417969	215.58242 79785156 2	0.0	29.372318 26782226 6	9.6821098 32763672	294.61621 09375	337.42269 89746094	172.37158 203125	0.0	23.169414 52026367 2	7.6452693 93920898	311.8	17.2171	212	209	209	2022-06- 23T04:56: 26	2022-06- 23T05:00: 04	56.8	20220623-10
4652	reeling_ex change	193.44783 02001953	10.440227 50854492 2	6.2714910 50720215	0.0	0.0	2.1120390 89202881	329.75042 72460937 5	383.91436 76757812 5	212.78268 43261718 8	0.0	29.004831 31408691 4	9.5640621 18530273	291.13558 95996094	333.42364 50195312 5	170.33616 63818359 4	0.0	22.916858 67309570 3	7.5541443 82476807	967.9	223.172	2373	2337	2337	2022-06- 23T04:17: 03	2022-06- 23T04:56: 26	57.0	20220623-09
4651	reeling_ex change	167.86114 50195312 5	9.0345287 32299805	5.4491863 25073242	0.0	0.0	1.8372601 27067566	284.91012 57324219	331.70559 69238281	183.86038 20800781 2	0.0	25.041793 82324218 8	8.2601814 27001953	252.18395 99609375	288.49496 45996094	147.53532 40966797	0.0	19.832309 72290039	6.5572705 26885986	970.8	219.175	2374	2339	2338	2022-06- 23T03:37: 41	2022-06- 23T04:17: 03	57.0	20220623-08
4650	reeling_ex change	143.41296 38671875	7.6883249 28283691	4.6433296 20361328	0.0	0.0	89950561	22949218		155.66793 82324218 0 8	0.0	21.249692 91687011 7	7.0136103 63006592	213.84356 68945312 5	244.50703 43017578	125.10889 43481445 3	0.0	16.865015 02990722 7	5.5666332 24487305	941.1	211.54	2286	2250	2252	2022-06- 23T02:59: 44	2022-06- 23T03:37: 41	56.7	20220623-07
4649	nw_sup_c hange																			938.4	210.412	0	2316	2318	2022-06- 23T03:37: 28	2022-06- 23T03:37: 28	56.6	
4648	nw_inf_ch ange																			937.1	209.755	0	2285	2285	2022-06- 23T03:37: 21	2022-06- 23T03:37: 21	56.6	
4647	reeling_ex change	118.30974 57885742 2	6.2987537 3840332	3.8331756 59179687 5	0.0	0.0	64353942		230.52940 36865234 4	127.74893 18847656 2	0.0	17.439825 0579834	5.7580122 94769287	176.79330 44433593 8	202.01940 91796875	103.43143 46313476 6	0.0	13.943285 94207763 7	4.5757088 66119385	960.0	217.465	2353	2316	2318	2022-06- 23T02:20: 40	2022-06- 23T02:59: 44	57.0	20220623-06
4646	reeling_ex change	92.427040 10009766	4.8741960 52551269 5	3.0074739 45617676	0.0	0.0	0001004	000010	32 107 0						158.35328 67431640 6			10.897415 16113281 2	3.6083834 17129516 6	960.9	221.402	2353	2321	2319	2022-06- 23T01:41: 43	2022-06- 23T02:20: 40	56.7	20220623-05
4645	reeling_ex change	67.829872 13134766	3.5525133 60977173	2.2061264 51492309 6	0.0	0.0				72.908187 86621094		9.9471426 01013184	3.2793009 28115844 7	100.50701 90429687 5	114.64965 8203125	58.799224 85351562 5	0.0	7.9168429 37469482	2.6031994 81964111 3	263.8	9.986	136	134	134	2022-06- 23T01:39: 23	2022-06- 23T01:41: 43	56.7	20220623-04
4644	reeling_ex change	65.361526 48925781	3.4202904 70123291	2.1238410 47286987 3	0.0	0.0	0.7082189 91756439 2	110.18521 88110351 6	128.31134 03320312 5	71.104148 8647461	0.0	9.7085895 53833008	3.1862304 21066284	98.074020 38574219	111.85235 59570312 5	57.356796 26464844	0.0	7.7267761 23046875	2.5417747 49755859 4	949.4	215.29	2322	2284	2285	2022-06- 23T01:00: 51	2022-06- 23T01:39: 23	56.5	20220623-03
4643	nw_inf_ch ange																			946.3	214.066	0	2330	2332	2022-06- 23T01:39: 09	2022-06- 23T01:39: 09	56.5	
4642	nw_sup_c hange																			945.9	213.769	0	2330	2332	2022-06- 23T01:39: 08	2022-06- 23T01:39: 08	56.7	
4641	reeling_ex change	40.750312 80517578	2.1805739 40277099 6	1.3250353 33633422 9	0.0	0.0	7	01000156	015/2200			00021044	70100720	2000-1200	68.727012 63427734	4		4.7476153 37371826	1.5478852 98728942 9	955.7	215.547	2323	2285	2285	2022-06- 23T00:22: 17	2022-06- 23T01:00: 51	57.0	20220623-02
4640		•	81043243 4	55319213 9		0.0	18	8	6				•	•	25.227088 92822265 6			89505004 9	0.5553882 71808624 3		212.439	2323	2288	2286	2022-06- 22T23:43: 51	2022-06- 23T00:22: 17	56.4	20220623-01
4639	reeling_ex change	854.04425 04882812	44.815589 90478515 6	28.264995 57495117 2	0.0	0.0				910.69348 14453125		124.09057 6171875						6			16.3523	204	201	201	2022-06- 22T23:40: 21	2022-06- 22T23:43: 51	56.5	20220622-39
4638	reeling_ex change	852.08270 26367188	44.728034 97314453	28.195100 78430175 8	0.0	0.0	9.3373508 45336914	1406.8438 72070312 5	1638.7249 75585937 5	908.42950 43945312	0.0	123.73278 80859375	40.973022 4609375	1290.2365 72265625	1478.6456 29882812 5	754.99822 99804688	0.0	101.59176 63574218 8	33.549045 56274414	977.6	226.843	2437	2393	2396	2022-06- 22T22:59: 54	2022-06- 22T23:40: 21	57.1	20220622-38
4637	nw_sup_c hange																			975.4	224.509	0	2330	2332	2022-06- 22T23:40: 09	2022-06- 22T23:40: 09	56.9	
4636	nw_inf_ch ange																			974.1	223.945	0	2196	2188	2022-06- 22T23:40: 03	2022-06- 22T23:40: 03	56.4	
4635	onange	825.95739 74609375	00000113	6		0.0				880.16766 35742188			4	5	00339373	210/3		32714844	32.511367 79785156	900.1	219.549	2373	2330	2332	2022-06- 22T22:20: 31	2022-06- 22T22:59: 54	57.0	20220622-37
4634		799.98059 08203125				0.0				852.98999 0234375					1388.9628 90625			04341010			220.435	2404	2368	2366		2022-06- 22T22:20: 31	56.4	20220622-36
4633	reeling_ex change	773.83068 84765625	40.716449 73754883	25.664108 27636718 8	0.0	0.0	8.4761676 78833008	1277.8289 79492187 5	1488.4212 64648437 5	825.13244 62890625	0.0	112.36878 20434570 3	37.201530 45654297	1172.2519 53125	1343.8873 29101562 5	685.98913 57421875	0.0	92.339851 37939453	30.481897 35412597 7	947.7	214.401	2297	2271	2257	2022-06- 22T21:02: 05	2022-06- 22T21:40: 30	56.8	20220622-35
4632	nw_sup_c hange																			944.6	214.221	0	2238	2226	14	22T21:40: 14	57.0	
4631	nw_inf_ch ange																			944.6	214.125	0	2238	2226	2022-06- 22T21:40: 13	2022-06- 22T21:40: 13	56.4	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4630	reeling_ex change	749.22387 6953125	39.441436 76757812 5	24.867353 43933105 5	0.0	0.0	8.2114963 53149414	1236.3895 26367187 5	1440.1395 26367187 5	798.37951 66015625	0.0	108.72365 57006836	36.014476 77612305	1134.2159 42382812 5	1300.3848 87695312 5	663.75067 13867188	0.0	89.327552 79541016	29.498003 00598144 5	931.3	207.106	2223	2196	2188	2022-06- 22T20:24: 56	2022-06- 22T21:02: 05	57.1	20220622-34
4629	reeling_ex change	724.93933 10546875	38.201103 21044922	24.081260 68115234 4	0.0	0.0	7.9456577 30102539	1196.4188 23242187 5	1393.5664 0625	772.57904 05273438	0.0	105.24718 47534179 7	34.835803 9855957	1097.0529 78515625	1257.9616 69921875	642.03515 625	0.0	86.401725 76904297	28.534875 86975097 7	931.3	202.643	2222	2198	2189	2022-06- 22T19:47: 52	2022-06- 22T20:24: 56	57.0	20220622-33
4628	reeling_ex change	700.17846 6796875	36.908576 96533203	23.274059 29565429 7	0.0	0.0	7.6733012 19940185 5	1156.9379 8828125	1347.5976 5625	747.12109 375	0.0	6	9519043	1061.0849 609375	4765625	93945312		83.605102 5390625	27.593532 56225586	322.4	19.0916	232	230	229	2022-06- 22T19:44	2022-06- 22T19:47: 52	56.6	20220622-32
4627	reeling_ex change	697.27233 88671875	36.759727 47802734 4	23.183372 49755859 4	0.0	0.0	7.6373667 71697998	1152.6320 80078125	1342.5892 33398437 5	744.34143 06640625	0.0	101.39822 38769531 2	33.566749 57275390 6	1057.0233 15429687 5	1212.1831 0546875	618.63696 2890625	0.0	83.287567 13867188	27.484344 48242187 5	310.9	16.499	206	204	204	2022-06- 22T19:40: 28	2022-06- 22T19:44	56.8	20220622-31
4626	reeling_ex change	694.82440 18554688	36.640846 25244140 6	23.103370 66650390 6	0.0	0.0	7.6104660 03417969	1148.8886 71875	1338.2163 0859375	741.91033 93554688	0.0	101.03654 47998046 9	33.476089 47753906	1053.6556 39648437 5	1208.3206 78710937 5	616.65899 65820312	0.0	82.970176 69677734	27.411552 42919922	936.6	211.206	2286	2261	2251	2022-06- 22T19:02: 09	2022-06- 22T19:40: 28	56.4	20220622-30
4625	nw_sup_c hange																			934.4	210.269	0	2238	2226	2022-06- 22T19:40: 18	2022-06- 22T19:40: 18	56.5	
4624	nw_inf_ch ange																			933.1	209.36	0	2357	2343	2022-06- 22T19:40: 11	2022-06- 22T19:40: 11	56.5	
4623	reeling_ex change	669.49884 03320312	35.331821 44165039	22.284751 89208984 4	0.0	0.0	7.3341274 26147461	1108.0875 24414062 5	1290.6883 54492187 5	715.57061 76757812	0.0	97.426651 00097656	32.273208 61816406	1015.7585 44921875	1164.9901 12304687 5	594.50427 24609375	0.0	79.994117 7368164	26.422657 01293945 3	935.3	208.253	2263	2238	2226	2022-06- 22T18:24: 15	2022-06- 22T19:02: 09	56.5	20220622-29
4622	reeling_ex change	644.84777 83203125	34.044498 44360351 6	21.487081 52770996	0.0	0.0	7.0648760 79559326	1067.2697 75390625	1243.1527 09960937 5	689.23706 0546875	0.0	93.889244 07958984	31.106805 8013916	978.93444 82421875	1122.8634 03320312 5	572.99810 79101562	0.0	77.080909 7290039	25.463014 60266113 3	963.5	220.186	2383	2358	2345	2022-06- 22T17:44: 28	2022-06- 22T18:24: 15	56.9	20220622-28
4621	reeling_ex change		32.720077 51464844	20.663885 11657715	0.0	0.0	6.7836575 50811768	1025.3360 59570312 5	1194.2954 1015625	662.19799 8046875	0.0	90.173858 64257812	29.869047 16491699 2	939.69335 9375	1077.9425 04882812 5	550.04492 1875	0.0		24.423759 46044922	320.2	18.408	226	225	224	2022-06- 22T17:40: 35	2022-06- 22T17:44: 28	56.9	20220622-27
4620	reeling_ex change	616.99389 6484375	32.600654 60205078	20.582078 93371582	0.0	0.0	6.7656316 75720215	1021.2772 21679687 5	1189.5695 80078125	659.58264 16015625	0.0	89.815399 16992188	29.747022 62878418	935.99816 89453125	1073.6840 8203125	547.88372 80273438	0.0	73.711669 921875	24.349395 75195312 5	949.4	216.677	2335	2309	2296	2022-06- 22T17:01: 27	2022-06- 22T17:40: 35	56.4	20220622-26
4619	nw_sup_c hange																			947.7	215.924	0	2357	2343	2022-06- 22T17:40: 26	2022-06- 22T17:40: 26	56.5	
4618	nw_inf_ch ange																			945.9	214.479	0	2376	2367	2022-06- 22T17:40: 18	2022-06- 22T17:40: 18	57.0	
4617	reeling_ex change	591.06878 66210938	31.242691 04003906 2	19.734361 64855957	0.0	0.0	6.4788050 65155029	979.74707 03125	1141.1722 41210937 5	632.79235 83984375	0.0	86.169151 30615234	28.545022 96447754	898.19274 90234375	1030.4145 5078125	525.80731 20117188	0.0	70.773376 46484375	23.378660 20202636 7	960.0	213.289	2383	2357	2343	2022-06- 22T16:21: 33	2022-06- 22T17:01: 27	56.4	20220622-25
4616	reeling_ex change	566.72229 00390625	29.959363 93737793	18.944034 57641601 6	0.0	0.0	11338043	04296875	2890625			00201000	2	859.80969 23828125	12000020	12200100	0.0	67.724632 2631836	22.366722 10693359 4	961.5	215.931	2383	2357	2350	2022-06- 22T15:41: 38	2022-06- 22T16:21: 33	57.0	20220622-24
4615	reeling_ex change	540.27081 29882812	28.560228 34777832	18.059160 23254394 5	0.0	0.0	5.9184651 37481689 5	896.46057 12890625	1044.1678 46679687 5	579.04748 53515625	0.0	78.862113 95263672	26.124721 52709961	821.78851 31835938	942.71417 23632812	481.15155 02929687 5	0.0		21.394157 40966797	952.0	210.489	2340	2315	2306	2022-06- 22T15:02: 26	2022-06- 22T15:41: 38	57.0	20220622-23
4614	nw_sup_c hange																			949.4	211.24	0	2376	2367	2022-06- 22T15:41: 26	2022-06- 22T15:41: 26	56.7	
4613	nw_inf_ch ange																			948.1	210.595	0	2372	2363	2022-06- 22T15:41: 19	2022-06- 22T15:41: 19	56.4	
4612	onango	002.0.0	3	17.236841 20178222 7		0.0	75653076	38085938	11132812		0.0			784.03607 17773438			0.0		20.390499 11499023 4	969.7	218.529	2403	2376	2367	2022-06- 22T14:22: 11	2022-06- 22T15:02: 26	57.1	20220622-22
4611				16.418170 92895507 8		0.0	1122100	01/3/012	34179000			71.437469 48242188	_					68212890 6	19.395586 01379394 5		217.847	2403	2378	2368	2022-06- 22T13:41: 58	2022-06- 22T14:22: 11	56.6	20220622-21
4610	reeling_ex change	462.85189 81933594	24.536344 52819824 2	15.567735 67199707	0.0	0.0	5.0727672 5769043	769.86505 12695312	896.76507 56835938	497.39117 43164062 5	0.0	67.692153 93066406	22.429742 81311035	706.62591 55273438	810.52368 1640625	413.91018 67675781	0.0	55.722309 11254883	18.379650 11596679 7	956.6	213.482	2333	2303	2294	52	22T13:41: 58	56.4	20220622-20
4609	nw_sup_c hange																			949.0	211.997	0	2372	2363	42	22T13:41: 42	57.0	
4608	nw_inf_ch ange																			947.7	212.24	0	2268	2264	2022-06- 22T13:41: 35	2022-06- 22T13:41: 35	56.7	
4607	reeling_ex change	437.06600 95214844	23.221534 72900390 6	14.716605 18646240 2	0.0	0.0	4.7914314 27001953	728.31964 11132812	848.39483 64257812	470.59906 00585937 5	0.0	64.025917 05322266	21.228792 19055175 8	668.49328 61328125	766.70147 70507812	391.63229 37011719	0.0	52.679210 6628418	17.394184 11254882 8	969.7	221.059	2403	2372	2363	2022-06- 22T12:22: 37	2022-06- 22T13:02: 52	56.7	20220622-19

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4606	reeling_ex change	412.21334 83886719	21.948633 19396972 7	13.901108 74176025 4	0.0	0.0	4.5226712 22686768	686.33538 81835938	799.49389 6484375	443.52316 28417969	.0			629.77093 50585938		369.01580 81054687 5	0.0		16.393238 06762695 3	970.1	219.153	2403	2379	2370	2022-06- 22T11:42: 23	2022-06- 22T12:22: 37	56.4	20220622-18
4605	reeling_ex change		04052734	13.030238 15155029 3	0.0	0.0	4.2296762 46643066	644.12396 24023438	750.32794 18945312	416.30419 921875 0	.0	56.630622 86376953	18.761240 00549316 4	591.41223 14453125	678.22082 51953125	346.61038 20800781	0.0		15.391313 55285644 5	961.0	212.95	2335	2308	2305	2022-06- 22T11:03: 13	2022-06- 22T11:42: 23	56.4	20220622-17
4604	nw_inf_ch ange																			956.0	211.835	0	2358	2355	2022-06- 22T11:42: 06	2022-06- 22T11:42: 06	56.9	
4603	nw_sup_c hange																			955.6	211.539	0	2358	2355	2022-06- 22T11:42: 05	2022-06- 22T11:42: 05	56.4	
4602	reeling_ex change	361.57092 28515625	19.358356 47583007 8	12.240056 03790283 2	0.0	0.0	3.9660735 13031006	602.92095 94726562	702.33404 54101562	389.69317 62695312 0 5	.0	10000440	00203040	553.78393 5546875	03040430	5		43.667533 87451172	14.432415 00854492 2	951.7	209.745	2293	2268	2264	2022-06- 22T10:24: 52	2022-06- 22T11:03: 13	56.5	20220622-16
4601	reeling_ex change	336.81268 31054687 5	18.107734 68017578	11.425062 17956543	0.0	0.0				363.73754 8828125 0		49.517505 64575195	16.405439 37683105 5	516.64672 8515625	592.42877 19726562	302.94833 37402344	0.0		13.453923 22540283 2	272.2	11.1297	149	146	146	2022-06- 22T10:22: 15	2022-06- 22T10:24: 52	56.5	20220622-15
4600	reeling_ex change	19120302	18.064435 95886230 5	48974609	0.0	0.0	3.6846387 38632202	560.23730 46875	652.59167 48046875	362.15057 37304687 0 5	.0	95825195	26550293	514.14227 29492188	02929688	36328125	0.0	40.586532 59277344	13.397900 58135986 3	973.8	217.394	2383	2358	2360	2022-06- 22T09:40: 28	2022-06- 22T10:22: 15	56.5	20220622-14
4599	reeling_ex change	310.57080 078125	16.732807 15942382 8	10.549757 95745849 6	0.0	0.0	3.4112706 18438720 7	518.52752 68554688	604.01239 01367188	335.24569 70214844 0	.0	45.594573 97460937 5	15.130506 51550293	476.18069 45800781	545.97906 49414062	279.31311 03515625	0.0	37.546802 52075195	12.385284 42382812 5	962.6	213.782	2335	2314	2311	2022-06- 22T08:54: 01	2022-06- 22T09:40: 28	47.7	20220622-13
4598	nw_sup_c hange																			959.9	215.324	0	2358	2355	2022-06- 22T09:40: 12	2022-06- 22T09:40: 12	47.8	
4597	nw_inf_ch ange																			959.0	214.65	0	2346	2345	2022-06- 22T09:40: 06	2022-06- 22T09:40: 06	47.6	
4596				72480302		0.0				308.80401 61132812 0 5		42.032848 3581543	13.937193 87054443 4	438.38705 44433594	502.48980 71289062 5	257.18109 13085937 5	0.0	34.619350 43334961	11.417947 76916503 9	972.3	222.853	2380	2358	2355	2022-06- 22T08:06: 40	2022-06- 22T08:54: 01	47.9	20220622-12
4595				8.8426332 47375488		0.0				281.56317 13867187 0 5	.0	70330004	30040304	399.85537 71972656	00013023	8			10.404549 59869384 8	973.8	221.503	2380	2363	2355	2022-06- 22T07:19: 19	2022-06- 22T08:06: 40	48.4	20220622-11
4594	reeling_ex change	236.31045 53222656 2	12.722402 57263183 6	8.0023441 31469727	0.0	0.0	2.5929987 43057251	393.31411 74316406	458.16818 23730469	254.41036 98730468 0 8	.0	34.591117 85888672	11.471673 96545410 2	361.51000 9765625	414.13848 87695312 5	212.12741 08886718 8	0.0	28.543159 48486328	9.3984785 07995605	990.3	228.191	2444	2420	2419	2022-06- 22T06:30: 41	2022-06- 22T07:19: 19	47.5	20220622-10
4593	nw_sup_c hange																			988.6	228.701	0	2346	2345	08	22T07:19: 08	48.2	
4592	nw_inf_ch ange																			987.2	228.226	0	2342	2341	01	22T07:19: 01	47.6	
4591				28137207		0.0	30333301	20000120	40317303	226.51754 76074218 0 8		30.812959 67102050 8	10.217658 99658203 1	321.67327 88085937 5	368.29321 2890625	188.74905 39550781 2	0.0	5	8.3676776 88598633		221.268	2370	2346	2345	34	22T06:30: 41	48.3	20220622-09
4590				6.2557430 26733398		0.0				199.06324 76806640 0 6		50366211	71850586	283.30776 97753906	58203125	6			7.3849186 89727783	981.3	220.821	2370	2350	2346	26	22T05:43: 34	48.3	20220622-08
4589	reeling_ex change	160.18194 58007812 5	8.6182832 7178955	5.4114670 753479	0.0	0.0	1.7605457 30590820 3	266.09924 31640625	309.97793 57910156	172.13966 36962890 0 6	.0	23.447582 24487304 7	7.7628540 99273682	244.46867 37060547	279.65289 30664062 5	143.43766 78466797	0.0	19.315481 18591308 6	6.3774471 28295898	970.0	225.68	2388	2361	2363	2022-06- 22T04:08: 54	2022-06- 22T04:56: 26	48.3	20220622-07
4588	nw_sup_c hange																			967.4	223.559	0	2375	2358	11	22T04:56: 11	47.5	
4587	nw_inf_ch ange																			966.5	223.274	0	2375	2358	07	22T04:56: 07	47.8	
4586				4.5526041 98455810 5		0.0				144.49259 94873047 0				205.50033 56933593 8				75005000	5.3498983 38317871		221.529	2370	2342	2341	45	22T04:08: 54	48.2	20220622-06
4585	onunge	5	5	3.6720604 89654541		0.0				117.19983 67309570 0 3				166.61604 30908203					4.3231258 39233398	967.8	222.351	2370	2349	2340	38	22T03:21: 45	47.9	20220622-05
4584	reeling_ex change	83.087211 60888672	4.4846239 08996582	2.8154864 31121826	0.0	0.0	0.9136176 70536041 3	139.02001 953125	161.94017 02880859 4	89.913818 359375 0	.0	12.219872 47467041	4.0648918 15185547	127.78595 73364257 8	146.15208 43505859 4	74.941833 49609375	0.0		3.3261311 05422973 6	953.7	213.258	2301	2276	2262	50	22T02:34: 38	48.4	20220622-04
4583	nw_sup_c hange																			951.1	213.511	0	2144	2130	2022-06- 22T02:34: 20	2022-06- 22T02:34: 20	47.6	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4582	nw_sup_c hange																			951.1	213.511	0	2144	2130		2022-06- 22T02:34: 20	47.6	
4581	reeling_ex change	58.952289 58129883	3.1851999 75967407 2	1.9959191 08390808	0.0	0.0	0.6506090 76023101 8	98.146316 52832031	114.33037 56713867 2	63.485130 31005859 4	0.0	8.6145057 67822266	2.8705441 95175171	89.851974 48730469	102.79946 13647461	52.718620 30029297	0.0	7.0790104 86602783	2.3317329 88357544	976.5	220.149	2400	2375	2358	2022-06- 22T01:01: 04	2022-06- 22T01:48: 50	48.0	20220622-03
4580	change		1	7		0.0	3	55810547	64.058036 80419922	11401367		4.8250036 23962402						3.9615144 72961426	1.3124759 19723510 7	983.3	224.275	2400	2380	2365		2022-06- 22T01:01: 04	47.5	20220622-02
4579	reeling_ex change	7.6388573 64654541	0.4100135 26678085 3	0.2596598 86360168 46	0.0	0.0	0.0823082 77487754 82	12.682774 54376220 7	14.775565 14739990 2	8.1997327 80456543	0.0	00343034	03104337	11.449678 42102050 8	13.126476 28784179 7	6.7299594 87915039	0.0	71059417	0.2897368 66950988 77	945.2	205.34	2198	2169	2157	2022-06- 21T23:29: 37	2022-06- 22T00:13: 22	47.8	20220622-01
4578	nw_sup_c hange																			939.6	205.203	0	2144	2130	22T00:13:	2022-06- 22T00:13: 07	48.1	
4577	nw_inf_ch ange																			938.3	204.632	0	196	199		2022-06- 22T00:13	47.9	
4576	reeling_ex change	626.41705 32226562	123.84580 23071289	24.071704 86450195 3	0.0	0.0	7.7989134 78851318	862.16918 9453125	1519.4824 21875	944.80297 8515625	0.0	104.29268 64624023 4						88.145401 00097656	29.151681 90002441 4	935.3	203.09	2169	2144	2130	21T22:46:	2022-06- 21T23:29: 37	48.4	20220621-33
4575	reeling_ex change	603.16809 08203125	122.59465 78979492 2	23.285058 97521972 7	0.0	0.0	7.5479412 07885742	823.53448 48632812	1474.4718 01757812 5	919.80078 125	0.0	100.85236 35864257 8	33.352203 36914062 5	774.83221 43554688	1387.1198 73046875	790.25830 078125	0.0	85.315216 06445312	28.195688 24768066 4	930.8	206.805	2169	2150	2138	2022-06- 21T22:03: 24	2022-06- 21T22:46: 27	48.4	20220621-32
4574	reeling_ex change	579.33984 375	121.33858 48999023 4	22.474109 64965820 3	0.0	0.0	7.2859029 76989746	784.75683 59375	1429.3031 00585937 5	894.73187 25585938	0.0	97.441673 2788086	32.212146 7590332	739.39813 23242188	1346.6474 609375	769.46813 96484375	0.0	82.496276 85546875	27.282159 80529785	505.6	55.0282	610	596	598		2022-06- 21T22:03: 24	47.8	20220621-31
4573	reeling_ex change	569.53161 62109375	120.80237 57934570 3	22.150844 57397461	0.0	0.0	7.1798577 30865478 5	766.57098 38867188	1406.8109 13085937 5	881.99713 13476562	0.0	95.789299 01123047	31.645101 54724121	723.07336 42578125	1327.5427 24609375	759.58758 54492188	0.0	81.215461 73095703	26.848028 1829834	919.3	204.531	2137	2114	2147	2022-06- 21T20:11: 06	2022-06- 21T20:53: 34	48.3	20220621-30
4572	nw_sup_c hange																			923.9	204.231	0	196	199	21T20:53:	2022-06- 21T20:53: 35	47.9	
4571	nw_inf_ch ange																			918.5	204.143	0	145	148	2022-06- 21T20:53: 28	2022-06- 21T20:53: 28	48.2	
4570	reeling_ex change	548.78967 28515625	116.40505 21850586	21.340463 63830566 4	0.0	0.0	6.9150962 82958984	740.44445 80078125	1356.0744 62890625	850.10894 77539062	0.0	92.357963 56201172	30.523880 00488281 2	698.46618 65234375	1280.4930 41992187 5	732.32342 52929688	0.0		25.894098 28186035	307.0	16.9027	199	196	199	2022-06- 21T20:07: 02	2022-06- 21T20:11: 06	47.6	20220621-29
4569	reeling_ex change	546.69830 32226562	115.96460 72387695 3	21.260171 89025879	0.0	0.0	6.8889064 78881836	738.08483 88671875	1351.4659 42382812 5	847.20434 5703125	0.0	92.051567 07763672	30.441431 04553222 7	696.11236 57226562	1275.9724 12109375	729.71893 31054688	0.0	78.062667 84667969	25.812244 41528320 3	969.2	224.912	2370	2343	2380	2022-06- 21T19:19: 54	2022-06- 21T20:07: 02	48.0	20220621-28
4568		524.32263 18359375				0.0			1295.4351 80664062 5			88.250885 00976562	29.195247 65014648 4	668.62445 06835938	1223.4975 5859375	699.31597 90039062	0.0	74.909408 56933594	24.746593 47534179 7	971.8	229.122	2370	2348	2382		2022-06- 21T19:19: 54	47.7	20220621-27
4567		501.99853 515625				0.0	6.3297276 49688721	680.27001 953125	1239.2239 99023437 5	776.65856 93359375	0.0	84.447189 33105469	27.935867 30957031 2	641.21270 75195312	1171.1109 61914062 5	668.93341 06445312	0.0	71.654411 31591797	23.704301 83410644 5	963.1	222.322	2327	2301	2338	2022-06- 21T17:46: 34	2022-06- 21T18:32: 47	47.6	20220621-26
4566	nw_sup_c hange																			957.3	221.278	0	2348	2376	21T18:32:	2022-06- 21T18:32: 24	47.6	
4565	nw_inf_ch ange																			956.4	219.758	0	2348	2376		2022-06- 21T18:32: 20	48.2	
4564	reeling_ex change	480.17440 79589844	101.82708 74023437 5	18.665922 16491699 2	0.0	0.0	6.0536127 0904541	651.86297 60742188	1184.0428 46679687 5	741.97082 51953125	0.0	80.768005 37109375	26.709583 28247070 3	613.91754 15039062	1118.9179 6875	638.73681 640625	0.0	68.463935 85205078	22.636259 07897949 2	275.6	12.0148	147	145	148	2022-06- 21T17:43:	2022-06- 21T17:46: 34	48.1	20220621-25
4563	reelina ex		101.35627			0.0			1180.5092 7734375			80.522811 88964844						68.271903 99169922	22.581487 65563965	974.5	226.836	2370	2343	2380	2022-06- 21T16:56:		48.2	20220621-24
4562	rooling ov	455.56921 38671875	06 500596	17.699918		0.0	5.7372732 16247559	621.32220 45898438	1124.7193 60351562 5	704.68530 2734375	0.0	76.730049 13330078						65.071380 61523438	21.514017 10510254	974.5	226.626	2370	2348	2383	2022-06- 21T16:09:	2022-06- 21T16:56: 22	47.5	20220621-23
4561		433.27926 63574219			0.0	0.0	5 4624834		1068.8544 921875			72.988784 79003906						61.871353 14941406	20.474838 25683593 8	975.2	231.661	2411	2388	2415	2022-06- 21T15:21:		47.9	20220621-22
4560	nw_sup_c hange																			970.5	230.683	0	2348	2376	2022-06-	2022-06- 21T16:08:	48.3	
4559	nw_inf_ch ange																			969.2	230.099	0	2376	2401	2022-06- 21T16:08:	2022-06- 21T16:08: 52	47.5	
4558		410.21267 70019531	86.970252 99072266	15.941591 26281738	0.0	0.0	5.1711211 20452881	562.75897 21679688	1011.0001 83105468	633.17205 81054688	0.0	69.106903 07617188	22.880102 15759277	529.15911 86523438	956.75994 87304688	544.90722 65625	0.0		19.386941 90979004		227.762	2370	2348	2376		2022-06- 21T15:21:	47.5	20220621-21

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4558			86.970252 99072266		0.0	0.0	5.1711211 20452881		8	633.17205 81054688	0.0	69.106903 07617188	3	529.15911 86523438	956.75994 87304688	544.90722 65625	0.0	58.542125 7019043	19.386941 90979004	966.1	227.762	2370	2348	2376	07	15	47.5	20220621-21
4557	reeling_ex change	387.96484 375	82.259193 42041016	15.066828 72772216 8	0.0	0.0	4.8970036 50665283	533.89996 33789062	954.98974 609375	597.93542 48046875	0.0				903.67596 43554688		0.0	10375976	18.311513 90075683 6	969.7	227.649	2369	2351	2383	2022-06- 21T13:47: 01	2022-06- 21T14:34: 07	47.6	20220621-20
4556	reeling_ex change	365.85067 74902344	77.574287 41455078	14.209638 59558105 5	0.0	0.0	4.6228752 13623047	504.88604 73632812 5	898.64819 3359375	562.48278 80859375	0.0	61.581512 45117187 5	20.403989 79187011 7	473.64013 671875	850.44653 3203125	483.42721 55761719	0.0	52.069908 14208984 4	17.250535 96496582	953.6	222.048	2292	2270	2296		2022-06- 21T13:47: 01	48.2	20220621-19
4555	nw_sup_c hange																			948.0	219.615	0	2376	2401	2022-06- 21T13:46: 46	2022-06- 21T13:46: 46	47.5	
4554	nw_inf_ch ange																			946.7	219.295	0	2373	2397		2022-06- 21T13:46: 37	48.1	
4553	reeling_ex change	344.19787 59765625	73.025749 20654297	13.366422 65319824 2	0.0	0.0	4.3478841 78161621	476.64416 50390625	843.82586 66992188	528.00756 8359375	0.0	57.946296 69189453	19.182435 98937988 3	447.08190 91796875	799.57421 875	454.02682 49511719	0.0		16.224596 02355957	976.7	229.746	2400	2376	2401	2022-06- 21T12:13: 38	2022-06- 21T13:01: 22	47.6	20220621-18
4552	reeling_ex change	321.35067 74902344	68.181686 40136719	12.472480 77392578 1	0.0	0.0	4.0637269 02008057	447.68182 37304687 5	787.59289 55078125	492.66961 66992187 5	0.0	54.146614 07470703					0.0	45.761211 39526367	15.154238 7008667	977.5	233.454	2400	2380	2409		2022-06- 21T12:13: 38	47.8	20220621-17
4551	reeling_ex change	298.29232 78808594	63.278461 45629883	11.568674 08752441 4	0.0	0.0	3.7734496 59347534	418.20156 86035156	730.33245 84960938	456.70132 44628906	0.0	50.295623 77929687 5	16.648540 49682617 2	391.27706 90917969	692.22326 66015625	392.28613 28125	0.0	42.496143 34106445	14.062740 32592773 4	960.9	223.617	2309	2283	2307		2022-06- 21T11:25: 55	48.1	20220621-16
4550	nw_sup_c hange																			957.7	221.281	0	2373	2397		2022-06- 21T11:25: 39	48.3	
4549	nw_inf_ch ange																			956.4	220.069	0	131	133		2022-06- 21T11:25: 30	48.0	
4548	reeling_ex change	276.28189 08691406	58.576995 84960937 5	10.710413 93280029 3	0.0	0.0	3.4939975 73852539	390.10458 37402344	675.76654 05273438	422.40582 27539062 5	0.0	46.619003 29589844	15.432287 21618652 3	364.52761 84082031	640.67956 54296875	362.67034 91210937 5	0.0	39.317619 32373047	13.027195 93048095 7	982.8	229.075	2400	2373	2397		2022-06- 21T10:39: 58	47.4	20220621-15
4547	criarige	12001422	02000440	9.8153676 98669434		0.0	3.2001535 89248657 2	361.01843 26171875	619.27453 61328125	386.90264 89257812 5	0.0	42.849433 89892578					0.0	92944336	11.976185 79864502	981.1	230.683	2400	2381	2411	2022-06- 21T09:04: 30	2022-06- 21T09:52: 12	48.1	20220621-14
4546	reeling_ex change	230.83555 60302734 4	48.844676 97143555	8.9221954 34570312	0.0	0.0	2.9196946 62094116	331.62686 15722656	562.18609 61914062	351.02206 42089844	0.0	38.995895 38574219	12.919068 33648681 6	309.78451 53808594	531.34283 44726562	302.05838 01269531	0.0	32.900810 24169922	10.931031 22711181 6	929.9	207.497	2166	2143	2177		2022-06- 21T09:04: 30	48.2	20220621-13
4545	nw_sup_c hange																			926.4	206.093	0	2371	2407	2022-06- 21T09:04: 08	2022-06- 21T09:04: 08	48.4	
4544	nw_inf_ch ange																			925.5	205.802	0	2371	2407		2022-06- 21T09:04: 04	47.9	
4543	change	90875	58642578			0.0	94607544	84472000	58300781			35.620525 36010742	11.803839 68353271 5	284.59414 67285156	482.78433 22753906	274.11700 43945312 5	0.0	75024414	9.9437427 52075195	266.3	10.4563	133	131	133		2022-06- 21T08:21: 28	48.0	20220621-12
4542	reeling_ex change			8.0894155 50231934		0.0	6	5	74121094			35.378871 91772461	11.727893 82934570 3	283.14144 89746094	480.04742 43164062 5	272.53796 38671875	0.0	7	9.8931961 05957031		228.467	2400	2373	2411	2022-06- 21T07:30: 59	2022-06- 21T08:18: 44	47.6	20220621-11
4541		8	02343343	7.2235064 50653076		0.0	2	0040025	00292969			7	4	4		5		6	8.8087215 42358398		230.129	2400	2377	2412	2022-06- 21T06:43: 15	2022-06- 21T07:30: 59	48.1	20220621-10
4540	reeling_ex change	164.35716 24755859 4	34.672599 79248047	6.3338932 99102783	0.0	0.0	2.0795998 57330322 3	245.29420 47119140 6	394.51354 98046875	245.71604 91943359 4	0.0	27.752737 04528808 6	9.1996173 85864258	227.50180 05371093 8	373.18395 99609375	210.89089 96582031 2	0.0	23.327672 95837402 3	7.7296190 26184082	971.4	228.087	2364	2335	2373	2022-06- 21T05:56: 12	2022-06- 21T06:43: 15	47.6	20220621-09
4539	nw_sup_c hange																			969.2	226.022	0	2371	2407		2022-06- 21T06:43: 02	47.9	
4538	nw_inf_ch ange																			967.8	225.342	0	2157	2189		2022-06- 21T06:42: 54	48.4	
4537	reeling_ex change	142.30108 64257812 5	29.978433 60900879	5.4608540 53497314 5	0.0	0.0	1.8023444 41413879 4	216.54443 359375	338.69512 93945312 5	210.63717 65136718 8	0.0	24.027715 6829834	7.9566192 62695312 5	199.98352 05078125	320.39944 45800781	180.43690 49072265 6	0.0		6.6826367 37823486	983.1	231.506	2400	2371	2407		2022-06- 21T05:56: 12	47.6	20220621-08
4536	reeling_ex change	119.74380 49316406 2	25.156661 98730468 8	4.5874252 31933594	0.0	0.0	1.5169497 72834777 8	187.15815 73486328	281.62078 85742187 5	174.78668 21289062 5	0.0	20.154607 77282715	6.6859116 55426025	172.09774 78027343 8	266.97277 83203125	149.55253 60107422	0.0	30-10-107-0	5.6093068 12286377		228.35	2400	2377	2411	2022-06- 21T04:20: 44	21T05:08:	48.3	20220621-07
4535	reeling_ex change	97.236282 34863281	20.389579 77294922	3.7053062 915802	0.0	0.0	1.2318022 25112915	158.36174 01123047	225.71751 40380859 4	139.67866 51611328	0.0	16.444684 98229980 5	5.4631786 34643555	144.11038 20800781 2	213.28811 64550781 2	118.52889 25170898 4	0.0	13.576433 18176269 5	4.5057954 78820801	938.3	212.867	2225	2198	2231		2022-06- 21T04:20: 44	48.0	20220621-06
4534	nw_sup_c hange																			935.7	212.278	0	2157	2189	2022-06- 21T04:20:	2022-06- 21T04:20:	48.2	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4534	nw_sup_c hange																			935.7	212.278	0	2157	2189	27	27	48.2	
4533	nw_inf_ch ange																			934.8	211.732	0	2364	2437	2022-06- 21T04:20: 22	2022-06- 21T04:20: 22	47.8	
4532	reeling_ex change	75.793823 2421875	15.807821 27380371 1	2.8568315 50598144 5	0.0	0.0	0.9610741 7345047	130.91427 61230468 8	172.40808 10546875	106.17646 02661132 8	0.0	12.841378 21197509 8	4.2538895 60699463	117.79063 41552734 4	162.92814 63623047	89.384086 60888672	0.0		3.5013608 93249511 7	931.7	209.903	2184	2157	2189	2022-06- 21T02:53	2022-06- 21T03:36: 27	47.5	20220621-05
4531	reeling_ex change	54.667186 73706055	11.287892 34161377	2.0352234 84039306 6	0.0	0.0	0.6880229 11548614 5	103.53849 79248046 9	119.23154 44946289	72.806236 26708984	0.0	9.2349290 84777832	3.0875427 72293091	91.544082 64160156	112.83972 16796875	60.339149 47509765 6	0.0	7.4801282 88269043	2.4645066 26129150 4	935.2	213.274	2184	2161	2195	2022-06- 21T02:09: 39	2022-06- 21T02:53	47.6	20220621-04
4530	reeling_ex change	32.861900 32958984 4	6.6789469 71893310 5	1.2111772 29881286 6	0.0	0.0	0.4148171 24605178 83	75.603889 46533203	64.989883 42285156	38.751255 03540039	0.0	5.6258230 20935059	1.8800961 97128296	64.870849 609375	61.773803 7109375	30.813840 86608886 7	0.0	4.3502836 22741699	1.4359277 48680114 7	495.4	50.5027	557	555	564		2022-06- 21T02:09: 39	47.9	20220621-03
4529	reeling_ex change	21.157625 19836425 8	4.1870598 79302978 5	0.7723453 04489135 7	0.0	0.0	0.2691623 86655807 5	60.111038 20800781	36.354072 57080078	20.787811 27929687 5	0.0	3.6898901 46255493	1.2280482 05375671 4	50.698757 17163086	33.194969 17724609 4	15.871806 14471435 5	0.0	62619018	0.9161985 51654815 7	954.2	195.181	2277	2243	2313	2022-06- 21T00:00	2022-06- 21T00:45: 20	47.5	20220621-02
4528	nw_sup_c hange																			176.0	195.504	0	2364	2437	2022-06- 21T00:45:			
4527	nw_inf_ch ange																			176.0	196.136	0	2364	2437		2022-06- 21T00:45: 32	48.3	
4526	reeling_ex change	0.0	0.0	0.0	0.0	0.0			0.8880120 51582336 4	0.5082018 37539672 9	0.0	08970832	11909008	73600006	0.3772201 53808593 75	0.1763886 51132583 62	0.0	0.0	0.0	981.1	205.047	2400	2364	2437	0000 00	2022-06- 21T00:00	47.7	20220621-01
4525	reeling_ex change	474.64501 953125	93.671752 9296875	18.040620 80383300 8	0.0	0.0	5.9069004 05883789	1315.2977 29492187 5	795.66900 63476562	455.42105 10253906	0.0	80.090797 4243164				359.33401 48925781	0.0	62.562126 15966797	20.713983 5357666	989.9	204.12	2400	2370	2438	2022-06- 20T22:24: 32	2022-06- 20T23:12: 14	47.7	20220620-24
4524	reeling_ex change	453.07989 50195312 5	89.489280 7006836	17.252595 90148925 8	0.0	0.0	5.6390767 09747314 5	1254.0306 39648437 5	758.61218 26171875	434.23806 76269531	0.0	76.407562 25585938							19.757579 80346679 7	960.9	198.003	2327	2293	2363	2022-06- 20T21:38:		47.9	20220620-23
4523	nw_sup_c hange																			954.2	194.784	0	2364	2437	2022-06-		47.5	
4522	nw_inf_ch ange																			953.3	194.357	0	2364	2437	2022-06- 20T22:24:		47.5	
4521	reeling_ex change	431.99057 00683594	85.379508 97216797	16.484848 02246093 8	0.0	0.0	5.3816146 85058594	1193.4669 18945312	721.97912 59765625	413.29092 40722656	0.0	72.717498 77929688	24.112400 05493164	1040.0332 03125	636.81530 76171875	326.54452 51464844	0.0	56.828891 75415039	18.839473 72436523 4	975.8	203.572	2400	2364	2437	2022-06-		47.5	20220620-22
4520	reeling_ex change	410.31765 74707031	81.128311 15722656	15.686232	0.0	0.0	5 1070976	1121 2227		391.77655		68.919502 25830078	22.865066 52832031 2	986.88159 1796875	604.16406 25	309.91476 44042969	0.0	53.943424 22485351 6	17.879428 86352539	975.8	203.827	2400	2369	2437	2022-06-		48.0	20220620-21
4519		388.53833 0078125	70 040704	14.896428	0.0	0.0	4.8327884 67407227				0.0	65.175048	21.597167	933.52850		293.21768	0.0	51.029228 21044922	16.911897 65930175 8	925.5	184.196	2164	2131	2198	2022-06- 20T19:19: 40		47.4	20220620-20
4518	nw_sup_c hange																			921.6	182.746	0	2364	2437	2022-06-		47.8	
4517	nw_inf_ch ange																			921.1	182.637	0	2377	2432	2022-06- 20T20:02: 20		47.9	
4516	reeling_ex change	368.91925 04882812 5	72.964424 13330078	14.163678 16925048 8	0.0	0.0	4.5908088 68408203	1011.8779 296875	612.15203 85742188	350.44354 24804687 5	0.0	61.679805 75561523 4	20.450302 12402343 8	885.20391 84570312	543.69506 8359375	278.08499 14550781	0.0	48.426738 73901367	16.022617 34008789	977.5	202.73	2400	2364	2437	2022-06- 20T18:20: 14	2022-06- 20T19:19: 40	48.3	20220620-19
4515	reeling ex	347.71530 15136719	68.834999	13.362198	0.0	0.0		950 60614	575 08343	329.22882	0.0	57.906810 76049805					0.0	31787109	15.075037 95623779 3	968.3	202.987	2393	2368	2432	2022-06- 20T17:11:		32.9	20220620-18
4514	reeling_ex change	324.83969 11621094	64.357284 54589844	12.500604 62951660 2	0.0	0.0	4.0441565 51361084	890.19891 35742188	538.53619 38476562	308.29870 60546875	0.0	54.215911 86523437 5					0.0		14.102238 65509033 2	287.0	14.9946	181	172	176	2022-06- 20T17:05:	2022-06- 20T17:11: 04	33.2	20220620-17
4513		323.00045 77636719				0.0	4.0268778 80096435 5	885.74816 89453125	535.84381 10351562	306.75930 78613281	0.0	53.970031 73828125						42.495765	14.046784 40093994		213.85	2353	2337	2391	2022-06- 20T15:57:		33.2	20220620-16
4512	nw_sup_c hange																			944.9	215.171	0	2377	2432	2022-06-	2022-06- 20T17:05:	33.0	
4511	nw_inf_ch ange																			944.0	212.187	0	2325	2379	2022-06-	2022-06- 20T17:05:	32.6	
4510	reeling_ex change	300.01153 56445312	59.408027 64892578	11.595232 00988769	0.0	0.0	3.7338619 23217773	828.40063 4765625	501.13427 734375	286.87265 01464844	0.0	50.463088 98925781	16.758840 56091308	721.48010 25390625	442.75531 00585937	226.66596 98486328	0.0	39.486194 6105957	13.054716 11022949	957.7	216.873	2393	2377	2432		2022-06- 20T15:57:	33.2	20220620-15

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4510	reeling_ex change		59.408027 64892578	5	0.0	0.0	4	828.40063 4765625	501.13427 734375	286.87265 01464844	0.0	50.463088 98925781	6	23330023	5	226.66596 98486328	0.0	39.486194 6105957	2	957.7	216.873	2393	2377	2432	32	49	33.2	20220620-15
4509				10.726813 31634521 5		0.0	3.4396891 59393310 5	770.22509 765625	465.91006 46972656	266.70144 65332031	0.0	46.948608 3984375	15.568397 52197265 6	666.97155 76171875	408.95544 43359375	209.53738 40332031 2	0.0	36.540142 05932617	12.069343 56689453 1	962.1	217.637	2393	2381	2435	2022-06- 20T13:39: 16	2022-06- 20T14:48: 32	33.0	20220620-14
4508	reeling_ex change	254.01100 15869140 6	50.230030 05981445	9.9073896 40808105	0.0	0.0	3.1617121 69647217	711.58270 26367188	430.43884 27734375	246.37870 78857422	0.0			612.40191 65039062			0.0	33.523864 74609375	11.084465 02685546 9	948.0	206.172	2314	2298	2351	2022-06- 20T12:32: 15	2022-06- 20T13:39: 16	32.5	20220620-13
4507	nw_sup_c hange																			944.5	202.893	0	2325	2379	2022-06- 20T13:38: 46	2022-06- 20T13:38: 46	32.9	
4506	nw_inf_ch ange																			943.6	202.285	0	2356	2427		2022-06- 20T13:38: 38	33.1	
4505	reeling_ex change	233.04698 18115234 4	46.117473 60229492	9.1094989 77661133	0.0	0.0	2.9043235 77880859	656.02239 99023438	396.80874 63378906	227.11392 21191406 2	0.0	40.011562 34741211	13.271596 90856933 6	560.90313 72070312	343.16671 75292969	176.15771 484375	0.0		10.158464 43176269 5	956.4	201.836	2343	2325	2379	2022-06- 20T11:24: 35	2022-06- 20T12:32: 15	32.9	20220620-12
4504				8.2773017 88330078		0.0				208.04457 09228515		36 621970	12.151659	510.74652 09960937	312.11077	160.38986	0.0	27.977020 26367187	9.2723436 35559082	243.8	7.31509	101	99	101	2022-06-		32.5	20220620-11
4503	reeling_ex change	211.46473 69384765 6	41.829017 63916015 6	8.2773017 88330078	0.0	0.0				206.94804 38232422	0.0	36.437484 74121094				159.72045 8984375	0.0				205.292	2394	2363	2428	2022-06-		32.9	20220620-10
4502				7.3968839 64538574		0.0	2.3599498	538.98339		186.55326	0.0			457.44869 99511719				25.057407	8.2917327 88085938	970.5	199.683	2371	2335	2402	2022-06-	2022-06- 20T10:12: 25	32.8	20220620-09
4501	nw_sup_c hange	0											Ü			Ü				966.1	197.153	0	2356	2427	2022-06-		32.8	
4500	nw_inf_ch ange																			964.8	196.73	0	2357	2430	2022-06-	2022-06- 20T10:11:	33.0	
4499	reeling_ex change	168.21981 81152343 8	33.286849 97558594	6.5787577 62908935	0.0	0.0	2.1028418 54095459	478.33975 21972656	289.34024 04785156	165.55934 14306640	0.0	29.224449 15771484	9.6660013 19885254	406.81054 6875	247.62194 82421875	127.73295 59326171	0.0	22.324501 03759765	7.3700757 02667236	977.2	200.623	2394	2356	2427	2022-06-		32.6	20220620-08
4498	reeling_ex change	146.72036 74316406	29.033649 44458007 8	5.7445507 04956055	0.0	0.0				144.23779 296875	0.0			355.14605 71289062 5			0.0	19.489011 76452636	6.4501619 33898926	980.6	201.087	2394	2364	2429	2022-06-	2022-06- 20T07:54:	32.9	20220620-07
4497		126.08345		4.9318780 89904785		0.0	1.5687979	356.05328 36914062	215.38253 78417968					303.63854 98046875				16.675451 27868652	5.5275473 59466553	966.9	202.811	2355	2318	2391	2022-06-	· -	32.9	20220620-06
4496	nw_sup_c hange	•					3	3	Ü						,			J		963.0	198.032	0	2357	2430	2022-06-		32.6	
4495	nw_inf_ch ange																			962.1	198.345	0	2356	2430	2022-06-		32.6	
4494	reeling_ex change	104.25894 92797851 6	20.668674 46899414	4.0752954 48303223	0.0	0.0	1.2976729 86984253	295.53906 25		102.29067 99316406 2	0.0	17.990938 18664550	6.0031161 30828857	252.96737 67089843 8	152.74353 02734375	79.429733 27636719	0.0	13.868474 00665283	4.6034283 63800049	977.1	203.999	2394	2357	2430	2022-06-	2022-06- 20T05:37: 29	32.6	20220620-05
4493	reeling_ex change		16.428108 21533203	3.2439851 76086426	0.0	0.0			444.07500		0.0	14.260573	4.7774295	201.31059 26513672	121.28769	63.215610		03662109	3.6492433 54797363 3	977.1	202.564	2394	2362	2430	2022-06-		33.1	20220620-04
4492	reeling_ex change	61.185672 76000976 6	86486816	2.3957982 06329345 7	0.0	0.0	•			60.079467 7734375	0.0	10.574566 84112548	3.5206325 0541687	149.48326 11083984 4	89.940246 58203125	46.937435 15014648	0.0	8.2412796 02050781	2 71 /1607	957.7	194.75	2311	2273	2346	2022-06-	2022-06- 20T03:19: 21	32.6	20220620-03
4491	nw_sup_c hange	J	7	,				_	,			J		7		7			J	954.2	191.643	0	2356	2430	2022-06-		32.7	
4490	nw_inf_ch ange																			952.9	191.019	0	2357	2430	2022-06- 20T03:18:	2022-06- 20T03:18: 41	32.6	
4489	rooling ov	40.691486 35864258	8.0159645 0805664	1.5943623 78120422	0.0	0.0	0.5020349 02572631 8	115.37493 89648437	69.814361 57226562	39.933452 60620117	0.0	7.0129752 15911865	2.3201026 91650390	99.355674 74365234	59.730094 90966797	31.201198 57788086	0.0	5.4951162 33825684	1.7988849 87831115 7	981.1	201.552	2394	2356	2430	2022-06- 20T01:03:		32.8	20220620-02
4488				0.7683801 65100097 7	0.0	0.0	0.2432862			19.080841		3 3863605	1 1100307	48.187099 45678711	28 025584	15.123642			0.8740607 50007629 4		202.987	2394	2363	2430	2022-06- 19T23:54:	2022-06- 20T01:03:	33.2	20220620-01
4487				7 17.529272 07946777 3		0.0					0.0109312 00347840	75.816513 06152344					0.0	58.398284 91210937	19.408897 39990234		188.811	2243	2206	2278	2022-06- 19T22:49:	19T23:54:	32.6	20220619-23
4486	nw_sup_c hange			3				υ		J	do		U	υ				5	4	935.7	189.08	0	2357	2430	0000 00	15 2022-06- 19T23:53:	33.2	
50	hange																					-			19123:53:	19123:53:		

1	ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
Part	4486																				935.7	189.08	0	2357	2430	41	41	33.2	
Column C	4485																				934.3	188.455	0	2355	2427	19T23:53:	19T23:53:	33.0	
Part	4484	reeling_ex change	427.64553 83300781	83.790397 64404297	16.715808 86840820 3	0.0	0.0	5.2989096 64154053	1190.7591 55273437 5	720.44232 17773438	412.39254 76074219	0.0	72.365699 7680664	24.076940 53649902 3	1024.0875 24414062 5	615.25622 55859375	321.68041 9921875	0.0	55.714633 94165039	18.534034 72900390 6	974.5	203.661	2394	2357	2430	19T21:40:	19T22:49:	32.7	20220619-22
Second S	4483	reeling_ex change	406.26516 72363281	79.643867 49267578		0.0	0.0	5.0373945 23620605 5	1131.8464 35546875	684.79217 52929688	392.01193 23730469	0.0	68.787399 29199219	22.874877 9296875	972.48681 640625	584.29583 74023438	305.47769 16503906	0.0	82983398	28674316	974.5	203.492	2393	2365	2430	19T20:31:	19T21:40:	32.8	20220619-21
Part	4482	reeling_ex change	383.92126 46484375	75.303756 71386719	09594726	0.0	0.0	4.7680802 34527588	1072.9902 34375	649.15917 96875	371.64080 81054687 5	0.0	65.200942 99316406	21.682256 6986084	921.25872 80273438	553.63165 28320312	289.41772 4609375	0.0	08837890	19653320	238.2	6.57564	93	92	94	19T20:28:	19T20:31:	33.2	20220619-20
Accordance Acc	4481	reeling_ex change	383.87014 77050781	75.289642 33398438	14.984867 09594726 6	0.0	0.0	4.7680802 34527588	1070.1420 8984375	647.44097 90039062	370.65509 03320312 5	0.0	65.015525 8178711	21.624998 09265136 7	919.01806 640625	552.28387 45117188	288.70965 57617187 5	0.0			953.3	195.349	2335	2297	2369	19T19:20:	19T20:28:	32.7	20220619-19
478	4480																				948.9	195.706	0	2355	2427	19T20:27:	19T20:27:	33.0	
Column C	4479																				948.0	195.973	0	2352	2427	19T20:27:	19T20:27:	32.7	
Act California	4478	reeling_ex change	363.03875 73242187 5	71.176551 81884766	14.150116 92047119 1	0.0	0.0	4.5054860 11505127	1013.4870 60546875	613.13513 18359375	351.05181 88476562 5	0.0	61.612342 83447265 6	20.481861 11450195 3	869.46752 9296875	522.53930 6640625	273.15893 5546875	0.0	47.297119 140625	15.716431 61773681 6	966.5	198.048	2393	2355	2427	19T18:11:	19T19:20:	33.2	20220619-18
Act Continue Con	4477	reeling_ex change	341.10293 57910156	66.842544 55566406	13.267568 58825683 6	0.0	0.0	4.2311654 09088135	954.53839 11132812	577.45593 26171875	330.63314 81933594	0.0	58.012477	19.288932	818.83398	492.16049	257.25326	0.0	72000047	60125732	966.5	200.538	2393	2361	2430	19T17:02:	19T18:11:	33.0	20220619-17
Mark	4476	reeling ex	320 72103	62 838851	12.550548		0.0	3.9758689 40353393 6	896.21887 20703125	542.18341 06445312	310.42800 90332031	0.0	54.481060 02807617	18.135868 07250976 6	768.13415 52734375	461.60882 56835937 5	241.34367 37060547	0.0	41.806934 35668945	13.877879 14276123	927.3	184.711	2197	2158	2228	19T15:59:	19T17:02:	32.9	20220619-16
4470 refing_ex 700,5500 58,76500 11,73568 58,87650 11,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,73568 51,	4475																				922.9	182.515	0	2352	2427	2022-06- 19T17:02	2022-06- 19T17:02	32.5	
Change C	4474																				922.0	182.023	0	2262	2324	19T17:01:	19T17:01:	32.7	
Realing or change Section Sect	4473	reeling_ex change	300.55865 47851562 5	58.876560 21118164	11.735668 18237304 7	0.0	0.0	3.7239003 18145752	842.36602 78320312	509.62246 70410156	291.75900 26855469	0.0	51.210071 5637207	17.047901 15356445 3	721.30200 1953125	433.34671 02050781		0.0	02539062	57696533	971.8	200.792	2394	2352	2427	19T14:49:	19T15:59:	32.9	20220619-15
4470 m. s.up. m. s	4472	reeling_ex change	279.55526 73339844	54.749946 59423828	10.908826 82800293	0.0	0.0	3.4588932 99102783	783.25939 94140625	473.86383 05664062 5	271.27474 97558594	0.0	47.582584 38110351 6	15.829483 98590087 9	670.70684 81445312	402.75622 55859375	210.74183 65478515 6	0.0	00453435	06347656	969.5	203.198	2393	2365	2430	19T13:40:	19T14:49:	33.1	20220619-14
4469 reging ex 235.42834 46.091399 9.1720056 0.0 0.0 2.9077775 665.3471 402.65462 230.40179 0.0 2.201466 1.0 0.0 0.0 2.201466 1.0 0.0 0.0 2.201466 1.0 0.0 0.0 0.0 2.201466 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4471	reeling_ex change	257.19940 18554687 5	50.403877 25830078	10.014915 46630859 4	0.0	0.0	3.1849873 06594848 6	724.35058 59375	438.24050 90332031	250.86048 88916015 6	0.0	43.961639 40429687 5	14.656626 70135498	619.29901 12304688	371.68655 39550781	194.60879 51660156 2	0.0	37646484	22576904	955.5	200.561	2315	2277	2343	19T12:33:	19T13:40:	32.8	20220619-13
4468 reeling_ex 235.42634 d6.091369 9.1720056 53871348 0 0 0 0 2.9977775 676612 c1 0 0 0 2.9977775 6866698 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.000 2 201.0000 2 201.0000 2 201.000 2 201.000 2 201.0000 2 201.	4470																				951.1	197.189	0	2262	2324	19T13:40:	19T13:40:	33.2	
February	4469																				950.2	197.69	0	2361	2427	19T13:40:	19T13:40:	33.1	
Recomposition Recompositio	4468	reeling_ex change	235.42634 58251953	46.091369 62890625	9.1720056 53381348	0.0	0.0	2.9077775 47836303 7	665.34710 69335938	402.55462 64648437 5	230.40179 44335937 5	0.0	40.347553 25317383	13.460555 07659912 1	569.15319 82421875	341.37515 25878906	178.85949 70703125	0.0		10.303412 43743896 5	954.2	197.102	2293	2262	2324	19T11:27:	19T12:33:	32.7	20220619-12
466 reeling_ex change 189,37539 37,02919 67281516 26145019 0.0 0.0 0.0 2.3346376 539,4732 5566406 3203125 52041876 0.0 32.715785 10.92014 460.9886 276.10583 144.86293 0.2978515 0.0 25.085254 66818945 51342773 960.9 201.4 2295 232 2022-06- 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19	4467	reeling_ex change	215.43109 13085937 5	42.129951 47705078	8.4060888 29040527	0.0	0.0	2.6651852 13088989 3	606.07989 50195312	366.69686 88964844	209.86038 20800781 2	0.0	36.801479 33959961	12.258881 56890869 1	518.46502 68554688	310.76876 83105469	162.92837 52441406 2	0.0	28.179964 06555175 8	9.3795127 86865234	955.5	198.754	2293	2266	2328	19T10:21:	19T11:27:	32.7	20220619-11
466 reeling_ex change 189,37539 37,02919 67281516 26145019 0.0 0.0 0.0 2.3346376 539,4732 5566406 3203125 52041876 0.0 32.715785 10.92014 460.9886 276.10583 144.86293 0.2978515 0.0 25.085254 66818945 51342773 960.9 201.4 2295 232 2022-06- 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58: 19710-05- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19710-58- 20.5 2022-06- 19	4466						0.0	2.3969933 98666382	547.55645 75195312			0.0	33.204357 1472168	11.099219 32220459	467.93554 6875	280.28820 80078125	147.04287 71972656 2	0.0	25.477066 04003906 2	8.4584188 46130371	364.9	21.1044	268	269	272	19T10:05:	19T10:21:	33.2	20220619-10
4464 IN SUP Line Sup	4465	reeling_ex change	189.37539 67285156 2	37.029190 06347656	7.3814592 36145019 5	0.0	0.0	2.3346376 41906738 3	539.47320 55664062	326.38403 3203125	186.79656 98242187 5	0.0	32.715785 98022461	10.920014 38140869 1	460.98886 10839844	276.10583 49609375	144.86293 02978515 6	0.0	25.085254	8.3307857				2259	2322	19T08:58:	19T10:05:	22.5	20220619-09
4463 nw_mi_cm 960.3 201.137 0 2356 2427 19T10:05: 19T10:05: 33.0 ange 08 08	4464																				974.2	201.576	0	2361	2427	19T10:05:	19T10:05:	4.8	
reeling_ex 168.93623 33.046489 6.5891084 0.0 0.0 16146850 80957031 67102051 0.0 0.0 16146850 80957031 66.58903 0.0 29.169610 9.717526 9017334 69.88641 245.37503 128.80258 22.268821 7.4121565 97.8 207.04 2394 2361 2427 19707:49: 19708:58: 33.0 20220619-06 81878662 97.8 207.04 2394 2361 2427 19707:49: 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:58: 33.0 20220619-06 97.169809 19708:	4463																					201.137	0	2356	2427	19T10:05:	19T10:05:	33.0	
0	4462	reeling_ex change	168.93623 35205078	33.046489 71557617	6.5891084 67102051	0.0	0.0	2.0871713 16146850 6	480.43679 80957031	290.67596 43554687 5	166.35803 22265625	0.0	29.169610 97717285	9.7175664 9017334	409.88641 35742187 5	245.37503 05175781 2	128.80258 17871093 8	0.0	22.268821 71630859 4	7.4121565 81878662	979.8	207.04	2394	2361	2427	19T07:49:	2022-06- 19T08:58: 23	33.0	20220619-08

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4461	reeling_ex change	147.61984 25292968 8	28.912557 60192871	5.7505750 65612793	0.0	0.0	5	00211044	02401112			25.439338 68408203	8.4693202 97241211	357.54827 88085937 5	213.92678 83300781 2	112.35564 42260742 2	0.0	19.450647 35412597 7	6.4381837 84484863	981.9	206.491	2394	2364	2428		2022-06- 19T07:49: 13	33.2	20220619-07
4460	reeling_ex change	125.34943 38989257 8	24.588785 17150879	4.8826751 70898437 5	0.0	0.0	1.5532815 45639038	357.39691 16210937 5	216.22070 3125	123.74194 3359375	0.0	21.655801 77307129	7.2182998 65722656	305.11770 62988281	182.60490 41748047	95.885673 52294922	0.0	16.578504 56237793	5.5085139 27459717	955.0	199.864	2289	2252	2325	2022-06- 19T05:33: 53	2022-06- 19T06:40: 04	33.2	20220619-06
4459	nw_sup_c hange																			951.1	196.716	0	2356	2427	2022-06- 19T06:39: 31	2022-06- 19T06:39: 31	33.2	
4458	nw_inf_ch ange																			950.2	196.207	0	2360	2424	2022-06- 19T06:39: 24	2022-06- 19T06:39: 24	33.3	
4457	criarige	4	5	00474003	0.0	0.0	56007385 3	43554687 5	4	73901367 (2	0.0	6	20397949	254.65783 69140625	14501953	9819336			4.5936660 76660156	978.0	208.138	2394	2356	2427		2022-06- 19T05:33: 53	32.8	20220619-05
4456	criarige		4	2		0.0	1.0456777 81105041 5	236.38099 67041015 6	00004002	81.854629 51660156	0.0	3	71533203	201.90295 41015625	59741211	59326172	0.0		3.6187028 88488769 5	981.5	206.742	2394	2363	2428	2022-06- 19T03:15: 34	2022-06- 19T04:24: 42	33.0	20220619-04
4455	reeling_ex change	61.748168 9453125	12.175103 18756103 5	2.3963158 13064575	0.0	0.0	0.7698669 43359375	175.13471 98486328	105.93904 87670898 4	60.646331 78710937 5	0.0	10.680609 70306396 5	3.5332245 82672119	149.40763 85498047	89.460205 078125	46.938301 08642578	0.0	8.0640239 71557617	2.6911654 47235107 4	957.7	200.825	2326	2287	2356	2022-06- 19T02:08: 19	2022-06- 19T03:15: 34	33.2	20220619-03
4454	nw_sup_c hange																			953.7	198.036	0	2360	2424	2022-06- 19T03:15: 02	2022-06- 19T03:15: 02	33.3	
4453	nw_inf_ch ange																			952.9	198.735	0	2361	2424	2022-06- 19T03:14: 53	2022-06- 19T03:14: 53	32.9	
4452	change	41.455219 26879883	3/6220/	6		0.0	30413203	0020301	14200304	4	0.0	7.0676794 05212402						44110107	1.7599481 34422302 2		207.67	2393	2360	2424	10	19T02:08: 19	32.7	20220619-02
4451		18.769220 35217285				0.0	29542350 77	23974609 4	4	13842773 (4				45.945587 15820312 5				0000000	0.8271958 23192596 4		208.856	2393	2363	2426	02	19T00:59: 10	32.6	20220619-01
4450	reeling_ex change	436.36386 10839844	92.966094 97070312	17.052385 33020019 5	0.0	0.0	5.5154609 68017578	1112.0825 1953125	790.33886 71875	391.56942 74902344	0.0	71.661659 24072266	23.735048 29406738 3	966.97119 140625	692.78332 51953125	308.69476 31835937 5	0.0	55.860168 45703125	18.480136 87133789	958.8	202.232	2336	2299	2366	31	18T23:50: 02	33.0	20220618-24
4449	nw_sup_c hange																			954.6	199.587	0	2361	2424	26	18T23:49: 26	33.0	
4448	nw_inf_ch ange																			953.7	200.782	0	2202	2258	18	18T23:49: 18	33.0	
4447	criarige	414.02957 15332031	00020041	7		0.0	37303700	020	25002012	3				915.32336 42578125				53.086471 55761719	3	972.3	207.67	2393	2361	2424	20	18T22:42: 31	33.0	20220618-23
4446	criarige	392.46322 63183594	07013001	9		0.0				349.61145 01953125		64.287200 92773438						50.250961 30371094	8		208.219	2394	2364	2426	13	18T21:33: 20	32.9	20220618-22
4445	reeling_ex change	370.86035 15625	79.923881 53076172	14.496768 95141601 6	0.0	0.0	4.6981739 99786377	929.61022 94921875	679.95928 95507812	328.34805 29785156	0.0	60.513259 88769531	20.059097 29003906 2	809.99932 86132812	599.13488 76953125	259.41824 34082031	0.0	47.322257 99560547	15.634902 95410156 2	933.5	194.881	2249	2213	2275	18T19:19: 10	2022-06- 18T20:24: 13	33.0	20220618-21
4444	nw_sup_c hange																			929.5	193.998	0	2202	2258	37	18T20:23: 37	32.8	
4443	nw_inf_ch ange																			928.1	193.471	0	2262	2323	28	18T20:23: 28	33.1	
4442	criarige	349.83383 17871094	3007 1073	03003709		0.0	4.4374608 99353027	872.38562 01171875	645.34814 453125	308.51794 43359375	0.0	66040039	01196289	760.26586 9140625	39453125	8		44.598800 65917969	3		194.843	2233	2202	2258	39	18T19:19: 10	32.6	20220618-20
4441	change	328.77346 80175781	08017578	3/3800/		0.0	4831543	12695312	14257812	16503906	0.0			711.08636 47460938				01147401	13.886904 7164917		194.104	2233	2207	2263	14	18T18:14: 39	32.6	20220618-19
4440	change	308.12637 32910156	97801002	48828125		0.0				268.60745 23925781									12.990942 95501709		37.7792	444	443	452	18T15:56: 06		32.8	20220618-18
4439	reeling_ex change	291.33163 45214844	64.497489 92919922	11.429695 12939453 1	0.0	0.0	3.7173330 78384399 4	735.70660 40039062	562.61395 26367188	261.13739 01367187 5	0.0	48.647609 71069336	16.172481 53686523 4	643.34130 859375	499.62820 43457031	207.07221 98486328	0.0	38.223274 23095703	12.658692 35992431 6	943.6	195.6	2299	2262	2323	38	18T15:56: 06	33.1	20220618-17
4438	nw_sup_c hange																			1200.0	198.534	0	2357	2421		2022-06- 18T15:56: 38	32.7	

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4437	nw_inf_ch ange																			1200.0	198.025	0	2355	2420	2022-06- 18T15:56: 31	2022-06- 18T15:56: 31	32.8	
4436	reeling_ex change	14040437		10.593151 09252929 7	0.0	0.0	3.4478583 33587646 5	678.48449 70703125	527.98986 81640625	241.29786 68212890 0	.0	45.150386 81030273 4	14.997117 04254150 4	593.73931 88476562	469.94580 078125	191.48512 26806640 6	0.0	35.520835 87646484 4	11.754200 93536377	966.1	205.014	2393	2357	2421	2022-06- 18T13:40: 28	2022-06- 18T14:49: 38	33.1	20220618-16
4435	reeling_ex change	247.66450 50048828	56.018695 83129883	9.7119493 48449707	0.0	0.0	3.1744158 26797485 4	619.39642 33398438	492.24185 18066406	220.81069 94628906 2	.0	41.517551 42211914	13.816967 96417236 3	542.43298 33984375	439.27981 56738281	175.38302 61230468 8	0.0	7930343	6		202.818	2393	2361	2423	2022-06- 18T12:31: 19	2022-06- 18T13:40: 28	33.1	20220618-15
4434	reeling_ex change	226.41320 80078125	51.758720 39794922	8.8803815 8416748	0.0	0.0	2.9087519 64569092	560.52874 75585938	456.62799 07226562 5	200.40737 91503906 0 2	.0	37.957496 64306640 6	12.633098 60229492 2	490.68429 56542969	408.34829 71191406	159.14356 99462890 6	0.0	29.858736 03820800 8	9.8901929 85534668	968.3	202.853	2387	2348	2414	2022-06- 18T11:22: 19	2022-06- 18T12:31: 19	33.0	20220618-14
4433	nw_sup_c hange																			964.3	201.601	0	2355	2420	2022-06- 18T12:30: 45	2022-06- 18T12:30: 45	32.8	
4432	nw_inf_ch ange																			963.4	201.005	0	2081	2132	2022-06- 18T12:30: 38	2022-06- 18T12:30: 38	32.7	
4431	change	75048828	34/16/9/			0.0				179.87985 22949218 0 8		6	5		5	6		3	8.9532661 43798828	972.2	204.21	2394	2355	2420	2022-06- 18T10:13: 09	2022-06- 18T11:22: 19	33.1	20220618-13
4430	reeling_ex change	183.31423 95019531 2	43.178245 54443359 4	7.1756176 94854736	0.0	0.0				159.20765 68603515 6		30.753240 58532715						24.233438 49182129	8.0239706 03942871	976.8	206.829	2394	2363	2421	02	18T10:13: 09	33.0	20220618-12
4429	reeling_ex change	162.54621 88720703	39.074203 49121094	6.3566246 03271484	0.0	0.0	2.1101782 32192993	382.42599 48730469	348.88137 81738281	138.65806 57958984 4	.0	27.156665 80200195 3	9.0250415 80200195	336.16165 16113281	316.02136 23046875	110.61247 25341796 9	0.0	21.466890 33508300 8	7.1009469 0322876	923.8	186.35	2169	2140	2193	2022-06- 18T08:01: 20	2022-06- 18T09:04: 02	32.9	20220618-11
4428	nw_sup_c hange																			919.8	184.258	0	2081	2132	2022-06- 18T09:03: 29	2022-06- 18T09:03: 29	33.0	
4427	nw_inf_ch ange																			918.9	183.912	0	2391	2410	21	18T09:03: 21	33.0	
4426				5.5892930 03082275		0.0				120.06665 0390625		23.877740 85998535						18.830930 70983886 7			182.611	2113	2081	2132	19	18T08:01: 20	32.8	20220618-10
4425	change	93363769	05822754			0.0				101.83818 05419921 0		20.667957 30590820 3						7	5.3940706 25305176		171.145	1960	1934	1982	45	18T07:00: 19	33.2	20220618-09
4424				4.1473846 43554687 5		0.0	1.4024795 29380798 3	225.95690 91796875	254.18519 59228515 6	84.460762 02392578	.0	17.573966 97998047						9	4.6265468 59741211		32.4846	392	387	397	25	18T06:03: 45	32.7	20220618-08
4423				3.9776582 71789551		0.0				80.973236 08398438		16.944366 45507812 5						5	4.4664239 88342285	.07.12	43.4053	514	501	512	39	18T05:52: 25	32.7	20220618-07
4422	reeling_ex change	90.273162 84179688	24.964868 54553222 7	3.5357873 43978882	0.0	0.0	1.2095521 68846130 4	195.28117 37060547	235.24188 23242187 5	73.821662 90283203	.0	15.687372 20764160 2	5.2168898 5824585	172.11431 88476562 5	217.61659 24072265 6	59.033462 52441406	0.0	12.402163 5055542	4.1176800 72784424	970.0	210.459	2305	2312	2330	02	18T04:47: 39	32.7	20220618-06
4421	nw_sup_c hange																			969.6	210.459	0	2391	2410	37	18T04:47: 37	33.0	
4420	nw_inf_ch ange																			968.7	212.283	0	2390	2418	28	18T04:47: 28	32.7	
4419	reeling_ex change	10011101	4	7	0.0	0.0			181.22540 28320312 5		.0	4	29443359	131.24884 03320312 5	4	4		9321289	3.1387104 98809814 5	987.3	222.519	2384	2391	2410	08	18T03:41: 02	33.0	20220618-05
4418	-	84204101 6	5	35177612 3		0.0				39.151031 49414062 0 5		8.2999334 33532715	02002070	0000777	6	4		97070312 5	2.1644701 95770263 7	986.4	220.226	2384	2397	2416	24	18T02:32: 08	33.1	20220618-04
4417	reeling_ex change			1.0425264 83535766 6	0.0	0.0				21.530101 77612304 0 7		00000420	07201300	49.593391 41845703	03173000	7		16540527 3	1.1759006 97708129 9	260.5	9.19689	114	115	116	01	18T01:23: 24	32.9	20220618-03
4416	reeling_ex change	95129394	6.8910627 36511230 5	0.9699762 46356964 1	0.0	0.0	0.3308780 78937530 5	54.771141 05224609 4	65.981101 9897461	20.695955 27648925 0 8	.0	4.3665046 69189453	1.4792418 47991943 4	47.875434 87548828	62.029903 41186523 4	16.420343 39904785	0.0		1.1474617 71965026 9	973.6	217.223	2347	2353	2380	09	18T01:20: 01	33.1	20220618-02
4415	nw_sup_c hange																			969.2	214.024	0	2390	2418	26	18T01:19: 26	33.3	
4414	nw_inf_ch ange																			968.3	212.581	0	2388	2417	2022-06- 18T01:19: 19	2022-06- 18T01:19: 19	32.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4413	reeling_ex change	3.5950047 96981811 5	1.0021253 82423400 9	0.1437912 88137435 9	0.0	0.0	0.0440940 85693359 375	8.9896507 2631836	10.819710 73150634 8	3.4008586 40670776 4	0.0	0.6963626 74236297 6	0.2474929 69036102 3	7.7183599 4720459	10.007047 65319824 2	2.6486492 15698242	0.0		0.1734649 24097061 16	981.5	216.928	2384	2390	2418	2022-06- 17T23:03: 16	2022-06- 18T00:12: 09	33.1	20220618-01
4412	reeling_ex change	34570312	120.22388 45825195 3	16.779132 84301757 8	0.0	0.0	5.7552390 09857178	928.09521 484375	1158.9799 8046875	309.88723 75488281	0.0	74.946922 3022461	24.895067 21496582	805.96801 7578125	1089.5906 98242187 5	243.88609 31396484 4	0.0	85717773	19.242664 33715820 3	980.2	220.015	2384	2396	2421	2022-06- 17T21:54: 31	2022-06- 17T23:03: 16	33.1	20220617-24
4411	reeling_ex change	413.53317 26074219	114.33992 76733398 4	15.923576 35498046 9	0.0	0.0	5.4799480 43823242	880.70666 50390625	1101.8886 71875	291.98522 94921875	0.0	71.065917 96875	23.631767 27294922	764.55603 02734375	1035.8969 7265625	229.68089 29443359 4	0.0	42382812 5	18.244678 49731445 3		8.99886	113	113	114	2022-06- 17T21:51: 12	2022-06- 17T21:54: 31	33.2	20220617-23
4410	reeling_ex change	412.87161 25488281	114.16081 23779296 9	15.892505 64575195 3	0.0	0.0	5.4711298 94256592	878.31555 17578125	1099.0074 46289062 5	291.08523 55957031	0.0	70.874732 9711914	23.547056 19812011 7	762.90417 48046875	1033.7337 64648437 5	229.11451 72119140 6	0.0	55.203102 11181640 6	18.215122 22290039	993.4	226.247	2442	2450	2476	2022-06- 17T20:40: 36	2022-06- 17T21:51: 12	32.6	20220617-22
4409	nw_inf_ch ange																			988.1	220.688	0	2390	2411	2022-06- 17T21:50: 26	2022-06- 17T21:50: 26	33.0	
4408	nw_sup_c hange																			987.7	220.767	0	2390	2411	2022-06- 17T21:50: 25	2022-06- 17T21:50: 25	33.1	
4407	reeling_ex change	390.19219 97070312 5	107.95962 52441406 2	15.004954 33807373	0.0	0.0	5.1717624 66430664	829.88580 32226562	1040.5797 11914062 5	272.84838 8671875	0.0	66.997718 81103516	22.244497 29919433 6	720.40386 96289062	978.45123 29101562	214.61247 25341797	0.0	52.158802 0324707	17.204925 53710937 5	981.5	221.9	2384	2388	2417	2022-06- 17T19:31: 43	2022-06- 17T20:40: 36	33.1	20220617-21
4406	reeling_ex change	368.23159 79003906	101.93219 75708007 8	14.156777 38189697 3	0.0	0.0	4.8899002 07519531	782.22198 48632812	981.87805 17578125	256.11380 00488281	0.0	63.125774 38354492	20.961841 58325195 3	678.84625 24414062	923.23626 70898438	201.39591 97998047	0.0	49.182670 59326172	16.212793 35021972 7	979.7	219.87	2384	2395	2419	2022-06- 17T18:22: 52	2022-06- 17T19:31: 43	32.8	20220617-20
4405	reeling_ex change	346.36962 890625	95.913703 91845703	13.297798 15673828 1	0.0	0.0	4.6074409 48486328	733.84057 6171875	922.29962 15820312	239.13043 21289062 5	0.0	59.169605 25512695	19.646595 00122070 3	637.11920 16601562	867.70587 15820312	188.10789 48974609 4	0.0	52929687	15.217259 40704345 7	990.7	226.498	2450	2455	2483	2022-06- 17T17:12: 04	2022-06- 17T18:22: 52	32.7	20220617-19
4404	nw_sup_c hange																			986.4	223.406	0	2390	2411	2022-06- 17T18:22: 12	2022-06- 17T18:22: 12	32.7	
4403	nw_inf_ch ange																			985.5	222.955	0	469	472	2022-06- 17T18:22: 06	2022-06- 17T18:22: 06	32.8	
4402	cnange	323.40286 25488281	02294922	3		0.0	14000010	70120	33020400	U					810.93432 6171875			43.084888 45825195	14.196401 59606933 6	979.6	221.063	2384	2390	2411	2022-06- 17T16:03: 12	2022-06- 17T17:12: 04	33.2	20220617-18
4401	onungo	301.36901 85546875	71777044	8	0.0	0.0	50354004	7200020	34900938		0.0	51.279636 38305664					0.0		13.216636 65771484 4	981.9	220.156	2384	2398	2414	2022-06- 17T14:54: 20	2022-06- 17T16:03: 12	33.0	20220617-17
4400	reeling_ex change	279.47061 15722656	77.486167 90771484	10.685811 99645996 1	0.0	0.0	3.7113142 01354980 5	588.25140 38085938	740.50604 24804688	190.51155 09033203	0.0	47.450538 63525390 6	15.746083 25958252	510.99166 87011719	697.28076 171875	149.95942 68798828	0.0	37.066535 94970703	12.192667 00744628 9	974.0	218.401	2338	2345	2364	54	17T14:54: 20	32.7	20220617-16
4399	nw_sup_c hange																			970.0	217.956	0	469	472	45	17T14:53: 45	32.9	
4398	nw_inf_ch ange																			969.2	217.74	0	2400	2416	38	17T14:53: 38	33.1	
4397	change		3339373	49040990		0.0	2	34000000	17770400			43.631458 2824707					0.0	4	12097168	451.8	43.0319	474	469	472	02	17T13:46: 54	33.3	20220617-15
4396	reeling_ex change	6	68.487342 83447266	9.4200496 67358398	0.0	0.0				171.47854 61425781 2					10131012			20074219	2	944.5	203.022	2193	2200	2219	40	17T12:57: 02	32.6	20220617-14
4395	reeling_ex change	227.86254 8828125	63.144989 01367187 5	8.6716299 05700684	0.0	0.0	1000192	09230201	3/01/100						573.27862 54882812			33105468 8	10.036855 69763183 6		206.36	2213	2224	2246	2022-06- 17T10:49: 43	2022-06- 17T11:53: 40	32.9	20220617-13
4394	reeling_ex change	206.69000 24414062 5	57.282447 81494140 6	7.8676223 75488281	0.0	0.0	2.7477948 66561889 6	442.49456 78710937 5	557.12329 1015625	143.25743 10302734 4	0.0	35.692981 7199707	11.848890 30456543	382.50094 60449219	521.11572 265625	112.25169 37255859 4	0.0	27.702325 82092285	9.1209373 4741211	997.4	225.548	2412	2417	2433	2022-06- 17T09:40	2022-06- 17T10:49: 43	32.9	20220617-12
4393	nw_sup_c hange																			993.4	226.633	0	327	329	08	17T10:49: 08	32.6	
4392	nw_inf_ch ange																			993.0	226.442	0	327	329	04	2022-06- 17T10:49: 04	32.6	
4391		185.07981 87255859 4				0.0	34317027	02421070	5	127.70075 98876953 1		31.789709 09118652 3	10.582374 57275390 6	341.29809 5703125	464.67755 12695312 5	100.16614 53247070 3	0.0	4			222.651	2394	2400	2416	50	2022-06- 17T09:40	33.2	20220617-11
4390	reeling_ex change	163.47544 86083984 4	45.261646 27075195	6.1916589 73693848	0.0	0.0	2.1701686 3822937	346.92987 06054687 5	436.80340 57617187 5	112.30613 70849609 4	0.0				408.35092 16308594		0.0	21.791324 61547851 6	7.1843633 6517334	996.5	227.377	2394	2407	2424	2022-06- 17T07:21: 43	2022-06- 17T08:30: 50	32.7	20220617-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4389	reeling_ex change	141.88197 32666015 6	39.244068 14575195	5.3650722 50366211	0.0	0.0	1.8821960 68763733	299.45474 24316406	377.05981 4453125	96.946365 35644531	0.0	24.155372 61962890 6	8.0569286 34643555	258.94589 23339844	352.05258 17871094	75.996788 02490234	0.0	18.755348 20556640 6	6.1875553 13110352	917.6	192.998	2049	2059	2072	2022-06- 17T06:22: 35	2022-06- 17T07:21: 43	33.0	20220617-09
4388	nw_sup_c hange																			913.2	189.693	0	327	329	2022-06- 17T07:21: 06	2022-06- 17T07:21: 06	32.9	
4387	nw_inf_ch ange																			912.3	189.315	0	2172	2185	2022-06- 17T07:20: 59	2022-06- 17T07:20: 59	32.7	
4386		123.22721 86279296 9				0.0	1.6301647 42469787 6	258.65283 203125	325.69152 83203125	83.733207 70263672	0.0	20.814376 83105468 8	6.9565629 95910644 5	223.47016 90673828	303.50601 19628906	65.599693 29833984	0.0	16.177347 18322754	5.3300504 68444824	383.5	29.126	325	327	329	2022-06- 17T06:13: 03	2022-06- 17T06:22: 35	32.6	20220617-08
4385	reeling_ex change	120.42930 60302734 4	33.294612 88452148 4	4.5492954 25415039	0.0	0.0	1.5974603 89137268	252.44351 19628906 2	317.88131 71386719	81.725631 71386719	0.0	20.309749 60327148 4	6.7877254 48608398	217.79949 95117187 5	295.76315 30761719	63.933006 28662109 4	0.0	6			207.229	2238	2249	2263	2022-06- 17T05:08: 24	2022-06- 17T06:13: 03	32.6	20220617-07
4384		99.661094 66552734				0.0				67.265525 8178711		16.718051 91040039	5.5766601 5625	179.53698 73046875	243.50357 05566406 2	52.712554 93164062 5	0.0	12.976164 81781005 9	4.3101401 32904053	962.2	211.81	2238	2253	2268	2022-06- 17T04:03: 49	2022-06- 17T05:08: 24	32.7	20220617-06
4383	reeling_ex change	79.817001 34277344	22.033065 79589843 8	2.9974393 84460449	0.0	0.0				52.620075 22583008		13.064625 74005127	4.3725161 5524292	140.61048 88916015 6	190.26763 91601562 5	41.282779 69360351 6	0.0	11798095 7	3.3791756 62994384 8		30.3745	332	365	368	2022-06- 17T03:42: 47	2022-06- 17T04:03: 49	33.2	20220617-05
4382		73.657180 78613281				0.0	0.9784828 42445373 5	153.59844 97070312 5	193.42414 85595703	49.722553 25317383	0.0	12.371066 09344482 4	4.1221051 21612549	132.83296 20361328	179.64071 65527343 8	38.999599 45678711	0.0	9.5848827 36206055	3.1886441 70761108 4	976.7	218.679	2296	2303	2317	2022-06- 17T02:36: 26	2022-06- 17T03:42: 47	32.6	20220617-04
4381	nw_sup_c hange																			982.1	219.565	0	2172	2185	2022-06- 17T03:42: 49	2022-06- 17T03:42: 49	33.0	
4380	nw_inf_ch ange																			976.2	218.487	0	2211	2277	2022-06- 17T03:42: 42	2022-06- 17T03:42: 42	33.0	
4379	onango	51.711734 77172851 6	3	5		0.0				34.483928 68041992		71001750	37232000	04020112		6		6.6735606 19354248	2.2150247 09701538	948.0	201.561	2163	2172	2185	2022-06- 17T01:33: 52	2022-06- 17T02:36: 26	33.3	20220617-03
4378		31.550477 98156738 3				0.0				19.855512 61901855 5		4.9727888 10729980 5	1.6719070 67298889 2	53.189685 8215332	71.508560 18066406	15.616894 72198486 3	0.0	3.8362171 64993286	1.2658588 88626098 6	948.4	209.884	2163	2174	2187	17T00:31: 29	2022-06- 17T01:33: 52	32.7	20220617-02
4377	reeling_ex change	9.8786993 0267334	2.7213494 77767944 3	0.3770160 37702560 4	0.0	0.0				4.9315214 15710449		1.2708976 26876831	0.4280058 44354629 5	13.663084 03015136 7	18.178222 65625	4.0158858 29925537	0.0	42140197 8	0.3319403 52916717 53	518.8	58.663	618	616	621	01	17T00:31: 29	32.9	20220617-01
4376	reeling_ex change	485.90255 73730469	102.28610 99243164	17.476596 83227539	0.0	0.0	6.1076140 40374756	584.55981 4453125	1135.1166 9921875	713.51043 70117188	0.0	76.338157 6538086	25.189990 99731445 3	556.73498 53515625	1065.9108 88671875	616.66656 49414062	0.0	64.977447 50976562	21.463586 80725097 7	945.5	214.083	2248	2211	2277	2022-06- 16T22:18	2022-06- 16T23:23: 01	32.6	20220616-21
4375	nw_sup_c hange																			181.6	0.673444	0	2211	2277	2022-06- 16T23:23: 46	2022-06- 16T23:23: 46	33.1	
4374	nw_inf_ch ange																			176.5	0.384825	0	2363	2425	2022-06- 16T23:23: 40	2022-06- 16T23:23: 40	32.6	
4373	change	462.10266 11328125	034/0002	75842285	0.0	0.0				679.79547 11914062		72.781654 35791016					0.0	34057617	20.488475 79956054 7	977.5	228.927	2394	2362	2424	2022-06- 16T21:08: 50	2022-06- 16T22:18	32.7	20220616-20
4372	cnange	438.63928 22265625	8/59/656	6		0.0	30120953	08104002	10013025	644.00189 20898438		39453125	63244629	12402344	961.43182 37304688	2265625		58.773387 90893555	•	977.0	226.803	2394	2365	2426	41	16T21:08: 50	32.9	20220616-19
4371	reeling_ex change	413.92703 24707031	87.241882 32421875	14.935285 56823730 5	0.0	0.0	5.2042417 52624512	498.24407 95898437 5	967.54553 22265625	608.14270 01953125	0.0	65.147369 38476562	21.427209 85412597 7	475.57516 47949219	908.64868 1640625	526.78216 55273438	0.0	55.555583 95385742		965.2	222.998	2344	2314	2374	56	16T19:59: 41	32.7	20220616-18
4370	nw_sup_c hange nw_inf_ch																				222.847		2363	2425	16T19:59 2022-06-		33.0	
4369	ange	389,87145	82,183952	14.084063			4,8953275	470.15203	913,02947	573,87646		61.473331	20.223783	448,44467	857.22332	496,77780		52.353069	17.293357	959.0		0	2361	2421	52 2022-06-			
4368		389.87145 99609375 365.19177				0.0				573.87646 484375		6	2	16308594	70307100	15136719		30541992	84912109 4 16.217630 38635254			2394	2363	2425	54 2022-06-	16T18:51: 56 2022-06-		20220616-17
4367		365.19177 24609375 341.57812				0.0	49786377	011/18/5	4140625	60546875 503.89682		57.669555 6640625 54.011680						04272401	38635254 15.201687 81280517			2394	2368	2427	31 2022-06-	16T17:42: 54 2022-06-		20220616-16
4366	change	341.57812 5	3100586	15148925 8	0.0	0.0	42059326	23535156	66015625	00683594	0.0	60302734 4	58654785	55371094	753.17431 640625	56542969	0.0	73339844	81280517 6			2389	2356	2420	13	16T16:34: 31 2022-06-		20220616-15
4365	hange																			962.6	226.134	U	2361	2421	16T16:33:	2022-06- 16T16:33:	33.2	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4365	nw_sup_c hange																			962.6	226.134	0	2361	2421	53	53	33.2	
4364	nw_inf_ch ange																			961.7	224.629	0	2361	2423	2022-06- 16T16:33: 43	2022-06- 16T16:33: 43	32.8	
4363	reeling_ex change	317.38726 80664062 5	66.878547 66845703	11.483301 16271972 7	0.0	0.0	3.9773337 84103393 6	384.70516 96777344	747.11883 54492188	469.54302 97851562 5	0.0	50.365139 00756836	16.549858 09326172	366.61431 88476562 5	701.52508 54492188	406.11306 76269531	0.0	42.809539 79492187 5		972.0	229.652	2394	2361	2421	2022-06- 16T14:17: 47	2022-06- 16T15:26: 13	33.2	20220616-14
4362	reeling_ex change	294.61605 83496094	62.054763 79394531	10.657184 60083007 8	0.0	0.0	3.6936588 28735351 6	356.31637 57324219	691.94781 49414062	434.88571 16699219	0.0	46.658645 62988281	15.340733 52813720 7	339.43328 85742187 5	649.47290 0390625	375.99359 13085937 5	0.0		13.109355 92651367 2	971.4	228.372	2394	2363	2422	2022-06- 16T13:09: 25	2022-06- 16T14:17: 47	33.1	20220616-13
4361	reeling_ex change	270.74029 54101562 5	57.025241 85180664	9.8038034 43908691	0.0	0.0	3.3990232 94448852 5	328.28762 81738281	637.51141 35742188	400.66445 92285156	0.0	42.985343 93310547	14.124831 19964599	312.64874 26757812 5	598.04510 49804688	346.33163 45214844	0.0	36.521030 42602539	12.056624 41253662 1	992.3	238.775	2478	2442	2505	2022-06- 16T11:58: 35	2022-06- 16T13:09: 25	32.5	20220616-12
4360	nw_sup_c hange																			985.5	236.891	0	2354	2421	2022-06- 16T13:08: 45		32.6	
4359	nw_inf_ch ange																			985.5	236.891	0	2354	2421	2022-06-		32.6	
4358	reeling_ex change	246.02789 30664062	51.783271 78955078	8.9211082 4584961	0.0	0.0	3.0805628 29971313 5	298.91052 24609375	580.47509 765625	364.81784 05761719	0.0	39.143112 18261719	12.853181 83898925	284.70434 5703125	544.39636 23046875	315.39401 24511719	0.0	33.247917 17529297	10.984693 52722168	976.2	231.244	2394	2361	2423	2022-06-		32.7	20220616-11
4357				8.0545015 335083		0.0	2.7846560	270.35513		329.94815	0.0	35.426006 31713867	11.632663	257.71728	492.54431		0.0	30.102371 21582031	9.9484872 81799316	973.6	229.578	2394	2366	2423	2022-06-		32.9	20220616-10
4356				7.1863780 02166748		0.0				295.62030 02929687 5	0.0	31.705163 95568847 7	10.429822 92175293	230.86645 5078125	440.91528 3203125	255.75694 27490234	0.0	26.950460 43395996	8.9212160 11047363	963.4	225.363	2359	2321	2386	2022-06- 16T08:34: 18		32.9	20220616-09
4355	nw_sup_c hange	4						U		3		,				4				959.5	224.618	0	2354	2421	2022-06-	2022-06- 16T09:41:	32.8	
4354	nw_inf_ch																			958.6	224.397	0	2363	2421	2022-06- 16T09:41:	16T09:41:	32.8	
4353			36.833686 82861328	6.3597640 99121094	0.0	0.0	2.2094459 53369140		.0002012	261.53695 67871094	0.0	28.047208 78601074 2	9.2214937 210083	204.00419	389.21984 86328125	225.98202 51464843	0.0	23.810548 78234863	7.8706669 80743408	973.6	230.304	2394	2354	2421	05 2022-06- 16T07:25:	16T08:34:	33.0	20220616-08
4352		151.54795 83740234	31.880765 91491699	5.5182142 25769043	0.0	0.0	o .	-	0	226.72303 77197265 6	0.0	24.330478 66821289	7.9829053	177.11938	337.30877 68554687		0.0	20.736824 03564453	6.8394875	977.8	228.853	2394	2368	2426		16T07:25:	33.1	20220616-07
4351		•	-	4.6666874 88555908		0.0				192.11384 58251953		20.614053 72619629			-	6 166.05145 26367187	0.0	17.524654 38842773 4		960.3	225.147	2337	2300	2367		16T06:17:	32.8	20220616-06
4350	nw_sup_c	8					4	5						6		5		4		956.4	221.854	0	2363	2421	2022-06- 16T06:16:	16T06:16:	32.9	
4349	nw_inf_ch ange																			955.0	224.325	0	2360	2416	56 2022-06- 16T06:16:	16T06:16:	32.7	
4348		105.94152 06909179	22.283308 02917480	3.8489727 97393799	0.0	0.0	1.3278282	129.69653 3203125	251.83924 86572265	158.28176 87988281 2	0.0	17.023094 17724609 4	5.5746250	123.51728 82080078	234.67956 54296875	136.77752 68554687	0.0	14.449432 37304687 5	4.7436046 6003418	971.0	227.358	2394	2363	2421		16T05:10:	32.8	20220616-05
4347				3.0261571 40731811 5		0.0		101.11186		123.38926 69677734 4		4 13.242045 40252685 5					0.0	11.304206		973.6	229.92	2394	2364	2421		16T04:02:	33.0	20220616-04
4346	reeling_ex	59.305438 99536133	12.478563	2.1597480		0.0				88.633766 1743164		5 9.5183906 55517578					0.0	'	2.6702690	981.1	234.167	2427	2393	2452		16T02:53:	33.1	20220616-03
4345	nw_sup_c hange	30000100	_30, 1002				6	.55.5400	. 00.20	.,		555.7575	.5.07120		б	_3000400		. 0020003	.2.01112	975.3	231.03	0	2360	2416	2022-06- 16T02:53:	16T02:53:	32.5	
4344	nw_inf_ch																			974.5	230.717	0	2682	2746	2022-06- 16T02:53:	16T02:53:	32.7	
4343	reeling_ex	35.777141 57104492	7.5225720	1.3043628 93104553	0.0	0.0	0.4512232 84006118 8	43.833538	85.091773	53.490821 83837890	0.0	5.7308278 08380127	1.8772877	42.084075 92773437	79.752502	46.564670	0.0	4.9175376	1.6023324 72801208	975.3	231.701	2394	2360	2416	12 2022-06- 16T00:36:	2022-06- 16T01:44:	33.0	20220616-02
4342	onango	37 104432	40007001	2 0.4661276 63850784 3		0.0	8	00041002	3000104	6 18.617835 99853515 6		2.0131082 53479004						1.6873835	5			2394	2365	2417	07 2022-06-	30		20220616-01
4341	reeling_ex		193.55894	16.387672		0.0				6 632.68713 37890625		53479004 69.504852 29492188						9 58.646495	3	1094.2		2940	2906		40	07 2022-06- 15T23:27:		20220615-22

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4341	reeling_ex change	333.87878 41796875	4	6	0.0	0.0	5.4880099 29656982	586.19946 2890625	1001.3723 14453125	632.68713 37890625	0.0	69.504852 29492188	5		928.39331 0546875	542.21697 99804688	0.0	58.646495 8190918	5	1084.2	282.988	2940	2906	2974	38	40	33.2	20220615-22
4340	nw_sup_c hange																			1080.7	282.098	0	2682	2746	2022-06- 15T23:27: 03	2022-06- 15T23:27: 03	32.9	
4339	nw_inf_ch ange																			1079.8	281.708	0	529	540	2022-06- 15T23:26: 56	2022-06- 15T23:26: 56	33.1	
4338	reeling_ex change	304.86968 99414062 5	187.46104 43115234 4	15.341825 48522949 2	0.0	0.0	5.1264510 15472412	551.23156 73828125	933.47052 00195312	590.02795 41015625	0.0	64.919868 46923828	21.508293 15185547	520.02392 578125	864.82952 88085938	505.20294 18945312 5	0.0	54.750228 88183594	18.169147 49145507 8	1041.5	261.797	2714	2682	2746	2022-06- 15T20:46: 12	2022-06- 15T22:03: 38	32.9	20220615-21
4337	reeling_ex change	277.33309 93652344	181.69937 13378906 2	14.344587 32604980 5	0.0	0.0			870.42016 6015625		0.0	60.742286 68212890 6	20.114589 69116211	488.95648 19335937 5	805.79211 42578125	470.89901 73339844	0.0	51.072525 02441406		352.8	-0.110618	1554	1539	1575		2022-06- 15T20:46: 12	33.0	20220615-20
4336	reeling_ex change	251.89054 87060547	176.35614 01367187 5	13.433372 49755859 4	0.0	0.0	4.4632887 840271	495.78918 45703125	825.71258 54492188	522.41796 875	0.0	57.686798 09570312 5	19.142013 54980468 8	466.67340 08789062 5	763.32244 87304688	446.23376 46484375	0.0	48.467205 04760742	16.114370 34606933 6	933.0	210.253	2175	2146	2199	2022-06- 15T17:53: 21	2022-06- 15T18:55: 26	32.7	20220615-19
4335	nw_sup_c hange																			924.2	207.107	0	529	540	2022-06- 15T18:54: 46	2022-06- 15T18:54: 46	32.8	
4334	nw_inf_ch ange																			923.3	205.378	0	2366	2415	2022-06- 15T18:54: 39	2022-06- 15T18:54: 39	33.1	
4333	reeling_ex change	229.91906 73828125	171.74955 74951172	12.650877 95257568 4	0.0	0.0	5803833	03613281	775.36309 81445312	80175781	0.0	54.313232 421875	17.998977 66113281 2	441.93542 48046875	716.13696 2890625	418.87805 17578125	0.0	84570312	15.174581 52770996 1	481.8	49.5462	532	529	540		2022-06- 15T17:53: 21	33.1	20220615-18
4332		218.71160 88867187 5				0.0	4.0443854 33197021 5	458.48797 60742187 5	753.29333 49609375	476.95788 57421875	0.0	52.849456 78710937 5	17.503839 49279785	431.38259 88769531	696.06781 00585938	407.25305 17578125	0.0		14.766416 54968261 7		184.0	2005	1982	2029	2022-06- 15T15:54: 30	2022-06- 15T16:51: 52	32.7	20220615-17
4331	reeling_ex change	206.37951 66015625	159.40048 21777343 8	11.538701 05743408 2	0.0	0.0	3.8172452 44979858 4	432.52563 4765625	710.65057 37304688	449.93167 11425781	0.0	49.864994 04907226 6	16.530210 49499511 7	406.88793 9453125	656.46893 31054688	384.17828 36914062 5	0.0	41.856597 90039062 5		969.2	219.421	2394	2373	2427	2022-06- 15T14:46: 07	2022-06- 15T15:54: 30	33.2	20220615-16
4330	reeling ex	191.26515 19775390 6	147.72817	10.692346		0.0	3.5358526 70669555 7	401.23892 21191406	659.26373 29101562	417.36322 02148437 5	0.0	46.258705 13916015 6	15.324739 45617675 8	377.65649 4140625	609.13745 1171875	356.58688 35449219	0.0		12.924866 67633056 6	944.5	209.548	2295	2269	2317		2022-06- 15T14:46: 07	32.7	20220615-15
4329	nw_sup_c hange																			940.0	208.395	0	2366	2415		2022-06- 15T14:45: 33	33.0	
4328	nw_inf_ch ange																			939.6	207.864	0	2361	2414	2022-06- 15T14:45: 26	2022-06- 15T14:45: 26	32.8	
4327	reeling_ex change	177.51390 07568359 4	137.12309 26513672	9.9282140 73181152	0.0	0.0	3.2833516 59774780 3	372.05191 04003906	611.28369 140625	386.95535 27832031	0.0	42.856502 53295898 4	14.208561 89727783 2	349.89968 87207031	564.19934 08203125	330.40771 484375	0.0	35.994091 03393555	11.964981 07910156 2	966.1	221.085	2394	2366	2415	2022-06- 15T12:32: 05	2022-06- 15T13:40: 30	33.2	20220615-14
4326	change	162.70097 35107422	5859375	44604492		0.0	3.0135099 8878479	341.04809 5703125	560.37524 4140625	354.66094 97070312 5	0.0	39.256042 48046875	13.048195 83892822 3	321.05325 31738281	517.45953 36914062	303.17297 36328125	0.0	33.058116 9128418	10.990361 21368408 2	969.2	219.763	2394	2369	2415	2022-06- 15T11:23: 42	2022-06- 15T12:32: 05	33.0	20220615-13
4325	reeling_ex change	147.48757 93457031 2	113.89305 11474609 4	8.2475404 73937988	0.0	0.0	2.7272598 74343872	310.30618 28613281	509.88833 61816406	322.64340 20996094	0.0	35.732582 09228515 6	11.845582 96203613 3	292.16842 65136719	470.70532 2265625	275.92361 45019531	0.0	38012695	10.001245 49865722 7		199.687	2199	2165	2217	2022-06- 15T10:20: 50	2022-06- 15T11:23: 42	33.0	20220615-12
4324	nw_sup_c hange																			926.9	198.669	0	2361	2414	2022-06- 15T11:23: 09	2022-06- 15T11:23: 09	32.8	
4323	nw_inf_ch ange																			926.0	198.999	0	2355	2402	2022-06- 15T11:23: 02	2022-06- 15T11:23: 02	32.7	
4322	reeling_ex change	134.38671 875	103.79203 79638671 9	7.5192880 63049316	0.0	0.0	2.4854543 20907592 8	282.19677 734375	463.72271 72851562 5	293.38073 73046875	0.0	32.473052 97851562 5	10.785380 36346435 5	265.60852 05078125	427.70159 91210937 5	250.83288 57421875	0.0	27.395805 35888672	9.0712938 30871582	974.9	216.605	2394	2361	2414		2022-06- 15T10:20: 50	32.6	20220615-11
4321	criarige	6	40404373	3327 1404		0.0	2.2225081 92062378	251.61137 39013672	413.46673 58398437 5	261.56469 7265625	0.0	28.965030 67016601 6	9.6119308 47167969	236.42027 28271484 4	380.44711 30371094	223.27133 17871093 8	0.0	24.380870 81909179 7	28857422	242.5	7.70392	101	98	100	2022-06- 15T09:09: 36	2022-06- 15T09:12: 32	32.9	20220615-10
4320		119.31663 51318359 4				0.0	2.2138018 60809326	250.25444 03076172	411.24789 42871094	260.15786 74316406	0.0	28.840095 52001953	9.5570545 1965332	235.17999 26757812 5	378.45141 6015625	222.11003 11279297	0.0	24.246463 77563476 6	8.0384864 8071289	978.1	217.636	2394	2366	2416	2022-06- 15T08:01: 13	2022-06- 15T09:09: 36	33.1	20220615-09
4319	reeling_ex change	104.10919 95239257 8	80.466026 30615234	5.8301296 23413086	0.0	0.0	1.9291335 34431457 5	219.23072 81494140 6	360.24465 94238281	227.87120 05615234 4	0.0	25.273729 32434082	8.3533115 38696289	206.00523 37646484 4	331.20449 82910156	194.59048 46191406 2	0.0		7.0345854 75921631	954.6	208.851	2299	2262	2307		2022-06- 15T08:01: 13	32.7	20220615-08
4318	nw_sup_c hange																			950.7	207.272	0	2355	2402		2022-06- 15T08:00: 39	32.8	
4317	nw_inf_ch ange																			949.8	206.743	0	2364	2411	2022-06- 15T08:00:	2022-06- 15T08:00:	32.7	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4317	nw_inf_ch ange																			949.8	206.743	0	2364	2411	32	32	32.7	
4316	reeling_ex change	89.882774 35302734	69.447891 23535156	5.0233273 50616455	0.0	0.0	1.6616712 80860900 9	189.53747 55859375	311.44177 24609375	197.00828 55224609 0	0.0	21.885490 41748047	7.2340011 59667969	178.12542 72460937 5	285.98129 27246094	168.25460 81542968 8	0.0	18.398267 74597168	6.0838546 75292969	975.3	216.264	2394	2355	2402	2022-06- 15T05:47: 04	2022-06- 15T06:55: 28	32.8	20220615-07
4315	reeling_ex change	75.329933 1665039	58.164810 18066406	4.2207455 6350708	0.0	0.0	1.3943041 56303405 8	158.87687 68310547	261.04290 77148437 5	165.12973 02246093 8	0.0	18.291440 96374511 7	6.0691499 71008301	148.71217 34619140 6	238.60920 71533203	140.48471 06933593 8	0.0	15.311298 37036132 8	5.0752964 01977539	976.4	218.575	2394	2365	2412	2022-06- 15T04:38: 40	2022-06- 15T05:47: 04	32.8	20220615-06
4314	reeling_ex change	60.666698 45581055	46.838695 52612305	3.3975746 63162231 4	0.0	0.0	92102050		209.71107 48291015 6	58105468 0	0.0	14.699261 66534423 8	4.8612461 09008789	119.54071 80786132 8	191.68772 88818359 4	112.90505 21850586	0.0	12.354141 23535156 2	4.0644106 8649292	989.4	222.797	2469	2439	2487	2022-06- 15T03:28: 06	2022-06- 15T04:38: 40	33.1	20220615-05
4313	nw_sup_c hange																			985.0	220.613	0	2363	2409	2022-06- 15T04:37: 59	2022-06- 15T04:37: 59	32.7	
4312	nw_sup_c hange																			985.0	220.613	0	2363	2409	2022-06- 15T04:37: 59	2022-06- 15T04:37: 59	32.7	
4311	reeling_ex change	45.060501 09863281	34.797241 2109375	2.5225782 39440918	0.0	0.0	0.8351892 82894134 5	95.908638 00048828	157.51930 23681640 6	99.646972 65625	0.0	11.043283 46252441 4	3.6432602 40554809 6	89.399475 09765625	143.22656 25	84.455421 4477539	0.0	9.2602510 4522705	3.0367157 45925903 3	974.9	216.989	2394	2364	2411	2022-06- 15T02:19: 40	2022-06- 15T03:28: 06	33.0	20220615-04
4310	reeling_ex change	30.660203 93371582	23.654460 90698242 2	1.7222120 76187133 8	0.0	0.0	0.5728726 38702392 6	64.497070 3125	105.90746 30737304 7	66.998039 24560547	0.0	7.4583716 39251709	2.4704623 22235107 4	60.313156 12792969	96.516777 03857422	56.970554 35180664	0.0	6.2354574 20349121	2.0432097 91183471 7	975.8	215.155	2394	2365	2411	2022-06- 15T01:11: 18	2022-06- 15T02:19: 40	32.9	20220615-03
4309	reeling_ex change	15.486354 82788086	11.950380 32531738 3	0.8745830 65509796 1	0.0	0.0	0.2932021 31986618 04	33.074304	54.300464 63012695	34.346569 0612793	1.0	3.8029239 17770385 7	1.2479314 80407714 8	30.865634 91821289	49.301704 40673828	29.134019 85168457			1.0410735		213.593	2343	2311	2356		2022-06- 15T01:11: 18	32.7	20220615-02
4308	nw_sup_c hange																			958.6	212.408	0	2363	2409		2022-06- 15T01:10: 43	32.6	
4307	nw_inf_ch ange																			957.3	211.946	0	2163	2217		2022-06- 15T01:10: 34	33.1	
4306	reeling_ex change	0.7601952 55279541	0.5950762 62950897 2	0.0418395 99609375	0.0	0.0			3.9146201 61056518 6	2.4768114 08996582	1.0	78808593	21445655	1.9203535 31837463 4	73709106		0.0	98075485	0.0581374 31740760 8	974.8	216.526	2394	2363	2409		2022-06- 15T00:04: 19	32.7	20220615-01
4305	reeling_ex change	471.74011 23046875	70.613624 5727539	16.536409 37805175 8	0.0	0.0	5.6431026 45874023	780.24761 96289062	971.57373 046875	555.94061 27929688	0.0	71.861938 4765625	23.824371 33789062 5	719.48675 53710938	877.79107 66601562	467.07751 46484375	0.0	59.554248 80981445		974.3	216.697	2394	2370	2420	2022-06- 14T21:47: 31	2022-06- 14T22:55: 54	32.7	20220614-21
4304	reeling_ex change	456.49005 12695312 5	58.844223 02246094	15.690460 20507812 5	0.0	0.0	5.3588824 27215576	748.82128 90625	919.93402 09960938	523.25811 76757812	0.0	68.253616 33300781	22.617954 25415039	689.99725 34179688	830.61199 95117188	439.21029 66308594	0.0	56.480232 23876953	18.723495 48339843 8	941.8	208.218	2260	2229	2281		2022-06- 14T21:47: 31	33.1	20220614-20
4303	nw_sup_c hange																			937.9	206.558	0	2163	2217	2022-06- 14T21:46: 56	2022-06- 14T21:46: 56	32.9	
4302	nw_inf_ch ange																			937.0	206.439	0	2352	2353		2022-06- 14T21:46: 51	33.2	
4301	obongo	442.18963 62304687 5	47.816837 31079101 6	14.901475 90637207	0.0	0.0	5.0926799 77416992	718.67675 78125	870.46899 4140625	491.90411 37695312 5	0.0			661.55499 26757812					17.759840 01159668	925.6	204.374	2193	2163	2217	2022-06- 14T19:40: 13	2022-06- 14T20:42: 55	33.0	20220614-19
4300	reeling_ex change	428.30316 16210937 5	37.108146 66748047	14.145761 48986816 4	0.0	0.0	4.8404440 87982178	689.23992 91992188	822.22369 38476562	461.35107 421875	0.0	61.460300 44555664	20.386157 98950195 3	633.47454 83398438	740.04821 77734375	385.80331 42089844	0.0	50.584629 05883789	16.819898 60534668	929.0	203.264	2193	2164	2219	2022-06- 14T18:37: 39	2022-06- 14T19:40: 13	32.9	20220614-18
4299	reeling_ex change	414.41329 95605469	26.376768 11218261 7	13.403273 58245849 6	0.0	0.0	4.5770034 79003906	658.87335 20507812	772.43170 16601562	429.82534 79003906	0.0	57.963066 10107422	19.233318 32885742 2	605.00311 27929688	694.42529 296875	358.92321 77734375	0.0	47.696098 32763672	15.823209 76257324 2	462.0	46.9705	511	494	489	2022-06- 14T17:38: 31	2022-06- 14T18:37: 39	32.7	20220614-17
4298	reeling_ex change	00740007	00740407	13.059707 64160156 2	0.0	0.0			752.93560 79101562	417.55154 41894531	0.0	56.604190 82641601 6	18.748962 40234375	593.85864 2578125	676.77917 48046875	348.55245 97167969	0.0	46.550102 23388672	15.464118 00384521 5	927.7	207.412	2238	2198	2199		2022-06- 14T17:38: 31	32.7	20220614-16
4297	nw_sup_c hange																			176.0	207.973	0	2352	2353	2022-06- 14T17:38: 41	14T17:38:	32.6	
4296	nw_inf_ch ange																			931.2	207.505	0	2348	2353	2022-06- 14T17:38: 32	14T17:38:	32.7	
4295				12.271256 44683837 9		0.0	4.1865673 06518555	607.46557 6171875	707.15911 86523438	392.17477 41699219	.0			558.19573 97460938				07958984	14.546001 43432617 2	962.6	224.653	2394	2352	2353	2022-06- 14T15:26: 36	14T16:34:	33.1	20220614-15
4294	reeling_ex change	355.53796 38671875	19.196533 203125	11.429900 16937255 9	0.0	0.0				365.02832 03125				519.76354 98046875				53662109	13.523048 40087890 6	964.3	223.672	2394	2357	2354	2022-06- 14T14:18: 28	14T15:26:	32.7	20220614-14
4293	reeling_ex	328.47116	17.749258	10.561845 77941894	0.0	0.0	3.5946638 58413696	523.84051 51367188	609.68682 86132812	338.10916 13769531	0.0	45.868789	15.216114	481.21780 39550781	548.69671	282.41140		37.753753 66210937	12.509744 64416503	972.3	227.972	2450	2405	2408	2022-06- 14T13:08:	2022-06- 14T14:18:	32.9	20220614-13

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4293		328.47116 08886719	6	5	0.0	0.0	3	523.84051 51367188	609.68682 86132812	338.10916 13769531	0.0	45.868789 67285156					0.0	5	9	972.3	227.972	2450	2405	2408	40	28	32.9	20220614-13
4292	nw_sup_c hange																			949.3	215.152	0	2348	2350	2022-06- 14T14:15: 24	2022-06- 14T14:15: 24	33.0	
4291	nw_sup_c hange																			949.3	215.152	0	2348	2350	2022-06- 14T14:15: 24	2022-06- 14T14:15: 24	33.0	
4290	reeling_ex change	302.58435 05859375	16.365852 35595703	9.7473526 00097656	0.0	0.0	3.3179140 09094238 3	481.07281 49414062 5	559.90411 37695312	310.45730 59082031	0.0	42.190338 13476562 5	13.976215 36254882 8	441.85092 16308594	503.94271 85058594	259.28329 46777344	0.0	34.632499 69482422		964.8	223.46	2394	2348	2353	2022-06- 14T12:00: 30	2022-06- 14T13:08: 40	33.1	20220614-12
4289	reeling_ex change	275.47769 16503906	14.910983 08563232 4	8.8895378 11279297	0.0	0.0	3.0196154 11758423	439.27502 44140625	511.30346 6796875	283.48599 24316406	0.0	38.509845 73364258	12.749847 41210937 5	403.40869 140625	460.32412 71972656	236.71780 39550781 2	0.0		10.493571 28143310 5	966.5	224.39	2394	2353	2353	2022-06- 14T10:52: 22	2022-06- 14T12:00: 30	32.9	20220614-11
4288	reeling_ex change	250.29640 19775390 6	13.581473 35052490 2	8.0747127 53295898	0.0	0.0	2.7390179 63409424	397.65802 00195312 5	462.84014 89257812 5	256.60031 12792969	0.0	34.848190 30761719	11.536621 09375	364.85720 82519531	416.64385 98632812 5	214.07217 40722656 2	0.0	28.624486 92321777 3	9.4851665 49682617	954.2	218.588	2376	2329	2334	2022-06- 14T09:44: 42	2022-06- 14T10:52: 22	33.1	20220614-10
4287	nw_inf_ch ange																			949.3	217.366	0	2351	2344	2022-06- 14T10:51: 42	2022-06- 14T10:51: 42	32.9	
4286	nw_sup_c hange																			948.9	217.273	0	2351	2344		2022-06- 14T10:51: 41	32.9	
4285	reeling_ex change	224.63854 98046875	12.213781 35681152 3	7.2501268 38684082	0.0	0.0	56521606	43945312	414.53826 90429687 5	229.82711 79199218 8	0.0	31.243013 38195800 8	10.323608 3984375	326.56344 60449219	372.94680 78613281	191.58131 40869140 6	0.0	25.561349 86877441 4		960.3	224.559	2394	2348	2350	2022-06- 14T08:36: 32	2022-06- 14T09:44: 42	33.0	20220614-09
4284	reeling_ex change	199.17039	10.849575 99639892 6	6.4329385 75744629	0.0	0.0	2.1893525 12359619	314.06234 74121094	365.43365 47851562 5	202.60371 39892578	0.0	27.570543 28918457	9.1050119 40002441	288.30844 11621094	329.32232 66601562 5	169.13955 68847656 2	0.0	22.550724 02954101 6	7.5088448 5244751	961.2	221.644	2394	2354	2352		2022-06- 14T08:36: 32	33.1	20220614-08
4283	reeling_ex change	173.37641 90673828	9.4511203 76586914	5.5958533 28704834	0.0	0.0	1.8994350 43334961	272.77117 91992187 5	317.50204 46777344	176.03121 94824218 8	0.0	23.966430 6640625	7.9119591 71295166	250.18984 98535156 2	285.75799 56054687 5	146.74565 12451172	0.0	19.602249 14550781 2	6.5347919 46411133	970.9	223.685	2442	2399	2392	2022-06- 14T06:18: 50	2022-06- 14T07:28: 24	32.8	20220614-07
4282	nw_sup_c hange																			966.1	222.209	0	2352	2343	2022-06- 14T07:27: 45	2022-06- 14T07:27: 45	32.8	
4281	nw_inf_ch ange																			966.1	222.287	0	2352	2343	2022-06- 14T07:27: 43	2022-06- 14T07:27: 43	33.1	
4280	reeling_ex change	146.20751 953125	7.9729208 94622803	4.7109479 90417480 5	0.0	0.0	1.6075625 4196167	230.44604 4921875	268.33151 24511719	148.75456 23779297	0.0	20.299270 62988281 2	6.7171068 19152832	211.40934 75341797	241.41870 1171875	123.95932 00683593 8	0.0	16.513477 32543945 3		961.2	219.54	2394	2351	2344	2022-06- 14T05:10: 40	2022-06- 14T06:18: 50	33.1	20220614-06
4279	reeling_ex change	121.43460 08300781 2	6.6284289 36004639	3.9165759 08660888 7	0.0	0.0	1.3362497 09129333 5	189.13795 47119140 6	220.33659 36279297	122.12088 01269531 2	0.0	16.681217 19360351 6	5.5051064 49127197	173.58770 75195312 5	198.26438 90380859 4	101.77191 16210937 5	0.0	13.553810 11962890 6	4.5345335 00671387	963.5	222.742	2394	2354	2346	2022-06- 14T04:02: 32	2022-06- 14T05:10: 40	32.7	20220614-05
4278	reeling_ex change	95.252212 52441406	5.2047562 59918213	3.0747349 26223755	0.0	0.0	1.0464994 90737915	147.65815 73486328	172.18904 11376953	95.429534 91210938	0.0	13.049861 90795898 4	4.3101615 90576172	135.41085 81542968 8	154.70060 72998047	79.366561 88964844	0.0	10.585271 83532714 8	3.5249261 8560791	955.3	218.238	2352	2311	2303	2022-06- 14T02:55: 32	2022-06- 14T04:02: 32	33.0	20220614-04
4277	nw_sup_c hange																			949.3	216.109	0	2352	2343	2022-06- 14T04:01: 56	2022-06- 14T04:01: 56	32.9	
4276	nw_inf_ch ange																			948.9	215.828	0	2356	2351	2022-06- 14T04:01: 51	2022-06- 14T04:01: 51	32.7	
4275	reeling_ex change	69.477676 39160156	3.8080401 42059326	2.2439863 68179321 3	0.0	0.0		106.80315 39916992 2	124.62581 63452148 4	69.066261 2915039	0.0	9.4261131 2866211							2.5412621 49810791	962.8	219.709	2394	2352	2343	2022-06- 14T01:47: 22	2022-06- 14T02:55: 32	33.1	20220614-03
4274	reeling_ex change	42.824882 50732422	2.3417637 34817505	1.3878977 29873657 2	0.0	0.0	0.4660821 25902175 9	65.600128 17382812	76.532058 71582031	42.443046 56982422	0.0	5.7963867 1875	1.9021508 69369506 8	59.977725 98266601 6	68.515487 67089844	35.167480 46875	0.0	4.6738796 23413086	1.5716739 89295959 5	961.2	221.264	2394	2354	2347	2022-06- 14T00:39: 14	2022-06- 14T01:47: 22	32.8	20220614-02
4273	reeling_ex change	15.568131 44683837 9	39383697	0.5015916 22829437 3	0.0	0.0	0.1723566 20430946 35	24.378547 66845703	28.436738 96789550 8	15.775096 89331054 7	0.0			22.380821 22802734 4	41259765		0.0	1.7210788 72680664	0.5739946 96140289 3	926.0	205.848	2245	2210	2205	13T23:35:	2022-06- 14T00:39: 14	33.1	20220614-01
4272	nw_sup_c hange																			922.0	203.644	0	2356	2351		2022-06- 14T00:38: 39	33.0	
4271	nw_inf_ch ange																			921.6	203.616	0	2351	2344		2022-06- 14T00:38: 34	32.9	
4270		549.49365 234375				0.0	2142334	99609375	25976562			74.927009 58251953	0			9		43310400	О		222.075	2394	2356	2351	2022-06- 13T22:27: 07	13T23:35:	32.9	20220613-22
4269	reeling_ex	522.69476 31835938	28.139062	16.580018	0.0	0.0	5.7163734 43603516	811.05316 16210938	947.11145 01953125	525.24072 265625	0.0	71.337852 47802734	23.680547 7142334	742.81945 80078125	849.81500 24414062	435.91207 88574219	0.0	58.350139 61791992	19.347425 46081543	958.1	221.264	2394	2358	2351	2022-06- 13T21:19:	2022-06- 13T22:27:	33.1	20220613-21

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4269	cnange	522.69476 31835938		3	0.0	0.0	5.7163734 43603516	811.05316 16210938	947.11145 01953125	525.24072 265625	0.0	47802734	7142334	742.81945 80078125	24414062	88574219	0.0	58.350139 61791992	19.347425 46081543	958.1	221.264	2394	2358	2351	12	07	33.1	20220613-21
4268	reeling_ex change	494.55123 90136719	26.564920 42541504	15.666325 56915283 2	0.0	0.0	5.4020404 81567383	769.12139 89257812	898.18048 09570312	498.11596 6796875	0.0	67.680259 70458984	22.442251 20544433 6	704.85565 18554688	806.38476 5625	413.64047 24121094	0.0	55.397323 60839844	18.368873 59619140 6	236.3	6.80435	90	88	87	2022-06- 13T21:16: 35	2022-06- 13T21:19: 12	32.6	20220613-20
4267	reeling_ex change	494.44931 03027344	26.549303 05480957	15.666325 56915283 2		0.0	5.4020404 81567383	767.49554 44335938	896.28009 03320312	497.07406 61621094	0.0	67.549552 91748047	22.406333 92333984 4	703.31475 83007812	804.64489 74609375	412.75445 55664062 5	0.0		18.305847 16796875	955.0	223.785	2425	2383	2375	2022-06- 13T20:07: 38	2022-06- 13T21:16: 35	32.7	20220613-19
4266	nw_sup_c hange																			951.9	222.833	0	2351	2344		2022-06- 13T21:16: 05	33.2	
4265	nw_inf_ch ange																			951.1	222.29	0	2366	2363		2022-06- 13T21:15: 58	32.8	
4264	reeling_ex change	466.70758 05664062 5	25.009645 46203613 3	30163574 2	0.0	0.0	5.0955543 51806641	724.97375 48828125	846.59771 72851562	469.55050 65917969	0.0	63.815628 05175781	21.177814 48364257 8	664.69061 27929688	760.44299 31640625	390.10604 85839844	0.0	52.236095 4284668	17.305088 04321289	951.4	222.287	2394	2351	2344		2022-06- 13T20:07: 38	32.7	20220613-18
4263	rooling ov	437.37060 546875	22 277602	13.864983	0.0	0.0	4.7668185 23406982	682.94036 86523438	797.52447 50976562	442.34521 484375	0.0	60.089237 21313476 6	19.945976 25732422	625.93927 00195312	716.06378 17382812	367.33673 09570312 5	0.0	49.147846 22192383	16.292016 98303222 7	949.3	226.924	2394	2355	2353		2022-06- 13T18:59: 36	32.9	20220613-17
4262	reeling_ex change	409.82058 71582031	21.856744 76623535	12.992063 52233886 7	0.0	0.0	4.4691295 6237793	640.44934 08203125	747.85418 70117188	414.80273 4375	0.0			587.33203 125			0.0	81079101	15.303053 85589599 6	951.2	218.121	2324	2297	2294		2022-06- 13T17:51: 38	32.7	20220613-16
4261	nw_sup_c hange																			943.6	217.489	0	2366	2363		2022-06- 13T17:51: 03	33.1	
4260	nw_inf_ch ange																			942.7	216.809	0	2366	2352		2022-06- 13T17:50: 55	33.1	
4259	reeling_ex change	383.05984 49707031	20.388408 66088867 2	39428711	0.0	0.0	4.1776590 34729004	599.32586 66992188	699.81878 66210938	388.16580 20019531	0.0	52.754741 66870117	17.529180 5267334	549.75787 35351562	628.86590 57617188	322.65838 62304687 5	0.0	43.203720 09277344	14.307569 50378418	964.8	227.685	2394	2366	2363		2022-06- 13T16:45: 03	32.9	20220613-15
4258	reeling_ex change	355.13601 68457031	18.866941 45202636 7	11.278246 87957763 7	0.0	0.0	3.8713550 56762695 3	556.61828 61328125	649.90411 37695312	360.51419 06738281	0.0	49.028057 09838867	16.260206 22253418	510.85949 70703125	584.25537 109375	299.81347 65625	0.0	40.140922 54638672	13.306465 14892578 1	968.6	227.854	2394	2367	2363		2022-06- 13T15:36: 31	32.6	20220613-14
4257	reeling_ex change	326.03726 19628906	17.283514 02282715	10.346231 46057128 9	0.0	0.0	3.5486493 11065674	514.40515 13671875	600.59881 59179688	333.17510 98632812 5	0.0	45.312225 34179687 5	15.036460 87646484 4	471.78503 41796875	539.51611 328125	276.89965 8203125	0.0	09594726	12.276775 36010742 2	949.8	222.358	2346	2316	2310	2022-06- 13T13:20: 49	2022-06- 13T14:28: 02	32.9	20220613-13
4256	nw_sup_c hange																			945.4	221.61	0	2366	2352		2022-06- 13T14:27: 28	33.0	
4255	nw_inf_ch ange																			944.9	221.061	0	2365	2349		2022-06- 13T14:27: 21	33.1	
4254	reeling_ex change	299.30752 56347656	15.851311 68365478 5	9.4992399 21569824	0.0	0.0	3.2540881 63375854 5	472.76165 77148437 5	551.95617 67578125	306.18960 57128906	0.0	41.677989 9597168	13.830059 05151367 2	433.81030 2734375	496.02130 12695312 5	254.61695 86181640 6	0.0	97851562	11.301284 79003906 2	966.9	229.429	2394	2366	2352		2022-06- 13T13:20: 49	33.0	20220613-12
4253	reeling_ex change	271.63668 82324219	14.380616 18804931 6	8.6198816 29943848	0.0	0.0	2.9552524 08981323 2	430.32708 74023437 5	502.36782 83691406	278.67288 20800781	0.0	37.981021 88110351 6	12.606689 453125	394.46621 70410156		231.54273 98681640 6	0.0		10.268871 30737304 7	971.5	227.4	2394	2371	2356		2022-06- 13T12:12: 17	32.7	20220613-11
4252	reeling_ex change	244.30029 296875	12.939878 46374511 7	7.7665009 49859619	0.0	0.0	2.6536543 36929321 3	387.98092 65136719	452.91442 87109375	251.24354 55322265 6	0.0	34.238815 30761719	11.372522 35412597 7	356.10827 63671875	406.97750 85449219	209.03836 05957031 2	0.0	28.059614 18151855 5	9.2740716 9342041	950.8	220.748	2349	2320	2310		2022-06- 13T11:03: 47	33.0	20220613-10
4251	nw_sup_c hange																			946.2	216.362	0	2365	2349		2022-06- 13T11:03: 11	33.2	
4250	nw_inf_ch ange																			945.8	219.024	0	2356	2334		2022-06- 13T11:03: 04	32.8	
4249	reeling_ex change	218.91642 76123047	11.582716 94183349 6	6.9589209 55657959	0.0	0.0	2.3770728 11126709	346.49383 54492187 5	404.47000 12207031	224.35276 79443359 4	0.0	30.574882 50732422		317.95428 46679687 5	16992187		0.0	25.069107 05566406 2	8.3047285 07995605	964.3	224.939	2394	2365	2349	2022-06- 13T08:47: 57	2022-06- 13T09:56: 29	32.9	20220613-09
4248	reeling_ex change	48632812	08135986	6.1455888 74816894 5	0.0	0.0	2.0980029 10614013 7	304.44595 33691406	355.40292 35839844	197.12097 16796875	0.0	26.849170 68481445 3	8.9137392 04406738	279.18600 46386719	318.94735 71777344	163.90675 35400390 6	0.0	22.013954 16259765 6	7.2829570 77026367	964.3	226.586	2394	2363	2342	2022-06- 13T07:39: 27	2022-06- 13T08:47: 57	33.2	20220613-08
4247	reeling_ex change	167.02441 40625	8.8443107 60498047	7 5.2906966 20941162	0.0	0.0	1.8081405 16281128	262.12857 05566406	305.99496 45996094	169.70780 94482422	0.0	23.070487 97607422	7.6874570 84655762	240.51264 95361328	274.70812 98828125	141.21540 83251953	0.0	18.959394 45495605 5	6.2820267 67730713	971.7	225.505	2402	2360	2339	2022-06- 13T06:30: 38	2022-06- 13T07:39: 27	32.9	20220613-07
4246	nw_sup_c hange																			964.3	223.967	0	2357	2327		2022-06- 13T07:38: 40	33.0	
4245	nw_inf_ch ange																			963.8	223.777	0	2357	2327		2022-06- 13T07:38:	32.9	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	В4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4245	nw_inf_ch ange																			963.8	223.777	0	2357	2327	37	37	32.9	
4244	reeling_ex change	142.13548 27880859 4	7.5305657 38677978 5	4.5117650 03204346	0.0	0.0	1.5418373 34632873 5	219.68176 26953125	256.43521 11816406	142.22822 57080078	0.0	19.358322 14355468 8	6.4299449 9206543	202.08180 23681640 6	230.76791 38183593 8	118.64540 10009765 6	0.0	15.970727 92053222 7	5.3042321 20513916	971.4	223.08	2394	2356	2334	2022-06- 13T05:22: 06	2022-06- 13T06:30: 38	32.8	20220613-06
4243	reeling_ex change	115.46613 31176757 8	6.1067485 80932617	3.6759114 26544189 5	0.0	0.0	1.2442579 26940918	178.10009 765625	207.89640 80810547	115.30245 20874023 4	0.0	15.695420 26519775 4	5.1936936 378479	163.31742 85888672	186.51272 58300781 2	95.906898 49853516	0.0	8694458	4.2939314 84222412	974.2	223.935	2394	2359	2336	2022-06- 13T04:13: 39	2022-06- 13T05:22: 06	33.1	20220613-05
4242	reeling_ex change	88.479286 19384766	4.6681537 62817383	2.8114516 73507690 4	0.0	0.0	0.9520890 11669158 9	135.71397 39990234 4	158.40243 53027343 8	87.855224 609375	0.0	11.954169 27337646 5	3.9629521 36993408	124.59859 46655273 4	142.25276 18408203	73.187385 55908203	0.0	9.8269767 76123047	3.2502877 71224975 6	742.2	134.465	1428	1405	1386		2022-06- 13T04:13: 39	32.6	20220613-04
4241	nw_sup_c hange																			735.5	131.344	0	2357	2327		2022-06- 13T04:12: 53	33.0	
4240	nw_inf_ch ange																			734.2	131.06	0	103	103		2022-06- 13T04:12: 47	32.7	
4239	reeling_ex change	73.642135 62011719	3.8702330 58929443 4	2.3435444 83184814 5	0.0	0.0	0.7977300 28629303	110.97531 12792968 8	129.53645 32470703	71.836631 77490234	0.0	9.7728614 8071289	3.2457942 96264648 4	101.43457 79418945 3	115.82021 33178711	59.602340 69824219	0.0	7.9804143 90563965	2.6606767 17758178 7	965.3	222.287	2394	2357	2327		2022-06- 13T03:32: 43	32.7	20220613-03
4238	reeling_ex change	47.034839 63012695	2.4565083 98056030 3	1.4898108 24394226	0.0	0.0	0.5084557 53326416	69.093124 38964844	80.656486 51123047	44.719364 16625976 6	0.0	6.1217365 26489258	2.0266735 55374145 5	62.945205 68847656	71.925758 3618164	36.981609 34448242	0.0	4.9655966 75872803		884.5	191.064	2025	1996	1975		2022-06- 13T02:24: 21	32.9	20220613-02
4237	reeling_ex change	25.128904 34265136 7	1.2866417 16957092 3	0.7985084 65290069 6	0.0	0.0	0.2745673 35844039 9	33.415145 87402344	39.003887 17651367	21.620029 44946289	0.0	2.9364852 90527343 8	0.9699037 67108917 2	30.704875 94604492 2	35.177680 96923828	18.036224 36523437 5	0.0		0.7825562 95394897 5	703.8	124.166	1291	1269	1263		2022-06- 13T01:26: 27	33.1	20220613-01
4236	reeling_ex change	428.43661 49902344	97.125999 4506836	16.165164 94750976 6	0.0	0.0	5.4561228 75213623	830.59558 10546875	1025.4898 68164062 5	291.49722 29003906	0.0054656 00173920 393	67.159851 07421875	22.234247 2076416	743.22149 65820312	893.67602 5390625	236.50808 71582031 2	0.0	53.812789 91699219	17.826053 61938476 6	1014.5	247.938	2641	2648	2645		2022-06- 12T23:30: 51	33.1	20220612-25
4235	nw_sup_c hange																			1018.9	245.592	0	103	103	2022-06- 12T23:30: 52	2022-06- 12T23:30: 52	33.1	
4234	nw_inf_ch ange																			1014.1	247.841	0	2271	2271	2022-06- 12T23:30: 45	2022-06- 12T23:30: 45	32.9	
4233	reeling_ex change	403.57070 92285156	91.416831 97021484	15.236821 17462158 2	0.0	0.0	5.1434016 22772217	777.66864 01367188	960.17321 77734375	272.91650 390625	0.0054656 00173920 393	62.930038 45214844	20.838998 79455566 4	696.77307 12890625	837.48516 84570312	221.74223 32763672	0.0		16.716974 25842285	200.3	8.09838	102	103	103		2022-06- 12T22:15: 21	33.0	20220612-24
4232	reeling_ex change	403.45974 73144531	91.389015 1977539	15.226295 47119140 6	0.0	0.0	5.1434016 22772217	775.77496 33789062	957.84204 1015625	272.24877 9296875	0.0054656 00173920 393	62.800006 86645508	20.782752 99072265 6	694.72021 484375	835.00976 5625	221.09381 10351562 5	0.0	50.285903 93066406		972.7	226.179	2427	2432	2433		2022-06- 12T22:12: 17	32.5	20220612-23
4231	nw_sup_c hange																			967.8	223.462	0	2271	2271	2022-06- 12T22:11: 39	2022-06- 12T22:11: 39	32.8	
4230	nw_inf_ch ange																			966.9	222.917	0	2376	2382		2022-06- 12T22:11: 31	32.8	
4229	reeling_ex change	380.23529 05273437 5	86.182014 46533203	14.349734 30633545	0.0	0.0	4.8466939 92614746	727.62915 0390625	898.41851 80664062	255.34779 35791015 6	0.0054656 00173920 393	58.892215 72875976 6	19.494459 15222168	651.89416 50390625	783.12731 93359375	207.46166 9921875	0.0		15.635342 59796142 6	938.8	210.401	2264	2271	2271	2022-06- 12T19:58: 05	2022-06- 12T21:02: 47	33.1	20220612-22
4228	reeling_ex change	358.45367 43164062 5	81.290542 60253906	13.528148 65112304 7	0.0	0.0						55.222148 89526367						44.296161 65161133	14.687079 42962646 5	184.9	6.43331	86	86	86	2022-06- 12T19:55: 30	2022-06- 12T19:58: 05	32.7	20220612-21
4227	reeling_ex change	358.19201 66015625	81.234176 63574219	13.517681 12182617 2	0.0	0.0	4.5605587 95928955	680.73162 84179688	840.53576 66015625	238.87551 87988281 2	0.0054656 00173920 393	55.091259 00268555	18.250301 36108398 4	610.37042 23632812	732.84906 00585938	194.25152 58789062 5	0.0	44.158916 47338867	14.632863 04473877	951.9	218.351	2339	2350	2350	2022-06- 12T18:48: 41	2022-06- 12T19:55: 30	33.1	20220612-20
4226		335.22817 99316406				0.0						51.303813 93432617					0.0	41.199413 29956055	13.658768 65386962 9	211.6	8.88033	110	111	111		2022-06- 12T18:48: 41	33.1	20220612-19
4225	reeling_ex change	334.80233 76464844	75.933616 6381836	12.629921 91314697 3	0.0	0.0												41.061450 95825195	13.604681		241.185	2594	2600	2597		2022-06- 12T18:45: 22	32.6	20220612-18
4224	nw_inf_ch ange																			999.6	237.721	0	2395	2395		2022-06- 12T18:44: 22	32.7	
4223	nw_inf_ch ange																			999.6	237.721	0	2395	2395		2022-06- 12T18:44: 22	32.7	
4222	reeling_ex change	308.85662 84179687 5	70.080322 265625	11.656702 04162597 7	0.0	0.0	3.9333527 08816528 3	580.23480 22460938	716.38702 39257812	203.60968 01757812 5	0.0054656 00173920 393	46.935062 40844726 6	15.548356 05621337 9	520.95501 70898438	625.17706 29882812	165.77806 09130859 4	0.0		12.525296 21124267 6	957.3	222.007	2365	2376	2382	2022-06- 12T16:23:		33.0	20220612-17
4221	reeling_ex	286.72137 45117187	65.141647	10.844408	0.0	0.0	3.6498703	532.89044	657.83361	186.98762	0.0054656	43.100288 39111328	14.275192	478.71472	573.98266	152.32563	0.0	34.678466	11.512089 72930908	364.1	29.8651	345	347	349		2022-06- 12T16:23:	33.1	20220612-16

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4221	reeling_ex change	5	65.141647 33886719		0.0	0.0	4	10943312	01040023			39111320			6015625	78173828		34.678466 796875	2	364.1	29.8651	345	347	349	25	33	33.1	20220612-16
4220	reeling_ex change	269.68707 27539062 5	61.288867 95043945	10.207633 01849365 2	0.0	0.0	3.4425077 43835449	516.30914 30664062	637.30834 9609375	181.15652 46582031 2	0.0054656 00173920 393	41.739658 35571289	13.831745 14770507 8	463.90176 39160156	555.98345 94726562	147.59504 69970703	0.0	33.589698 79150390 6	11.141206 74133300 8	304.2	18.6908	220	220	221	2022-06- 12T14:16: 45	2022-06- 12T14:29: 25	32.9	20220612-15
4219	reeling_ex change	265.56106 56738281	60.338680 26733398 4	10.050596 23718261 7	0.0	0.0	3.3888421 05865478 5	510.71685 79101562 5	630.39520 26367188	179.19281 00585937 5	0.0054656 00173920 393	41.285682 67822265 6	13.701796 53167724 6	458.73040 77148437 5	549.73913 57421875	145.95481 87255859 4	0.0	33.181838 98925781	11.035516 73889160 2	764.8	144.451	1504	1513	1515	2022-06- 12T13:32: 44	2022-06- 12T14:16: 45	4.8	20220612-14
4218	reeling_ex change	250.07038 87939453	56.814567 56591797	9.4769163 13171387	0.0	0.0	3.1845619 67849731 4	479.77914 42871094	592.18353 27148438	168.33828 73535156 2	0.0054656 00173920 393	38.753379 82177734 4	12.873757 36236572 3	430.83575 43945312 5	515.89111 328125	137.06106 56738281 2	0.0	31.143119 81201172	10.349623 68011474 6	352.2	25.5617	280	283	283	2022-06- 12T11:58: 33	2022-06- 12T13:32: 44	32.8	20220612-13
4217	reeling_ex change	224.46199 03564453	51.032150 26855469	8.4661617 27905273	0.0	0.0	2.8642344 47479248	450.10983 27636719	555.56066 89453125	157.91400 14648437 5	0.0054656 00173920 393	36.365821 83837890 6	12.073619 84252929 7	404.20410 15625	483.54354 85839844	128.58831 78710937 5	0.0	29.236368 17932129	9.7180356 97937012	974.9	225.144	2406	2405	2409	2022-06- 12T10:49: 38	2022-06- 12T11:58: 33	33.2	20220612-12
4216	nw_sup_c hange																			96.0	226.19	0	2395	2395	2022-06- 12T11:59: 03	2022-06- 12T11:59: 03	32.8	
4215	nw_inf_ch ange																			96.0	227.024	0	2412	2395	2022-06- 12T11:58: 57	2022-06- 12T11:58: 57	33.1	
4214	reeling_ex change	201.86482 23876953	45.886165 61889648 4	7.6342716 21704102	0.0	0.0	2.5742897 98736572 3	402.52429 19921875	496.84902 95410156	141.19021 60644531 2	0.0054656 00173920 393	32.493305 20629883	10.789439 20135498	361.46667 48046875	432.00408 93554687 5	114.97929 38232421 9	0.0		8.6962490 08178711	978.0	226.39	2395	2395	2395	2022-06- 12T09:41: 03	2022-06- 12T10:49: 38	32.6	20220612-11
4213	reeling_ex change	179.28610 22949218 8	40.788642 88330078	6.7925505 63812256	0.0	0.0	2.2813630 10406494	354.54568 48144531	437.63583 37402344	124.33422 8515625	0.0054656 00173920 393	28.656837 46337890 6	9.5050449 37133789	319.25369 26269531	381.18450 92773437 5	101.54299 92675781 2	0.0		7.6743040 08483887	981.9	224.639	2395	2399	2395	2022-06- 12T08:32: 31	2022-06- 12T09:41: 03	33.2	20220612-10
4212	reeling_ex change	158.30108 64257812 5	36.030506 1340332	5.9949750 90026855 5	0.0	0.0	2.0196268 55850219 7	307.32046 50878906	379.35214 23339844	107.75871 27685546 9	0.0054656 00173920 393	24.827699 66125488 3	8.2464981 07910156	276.65863 03710937 5	329.87039 18457031	87.987670 8984375	0.0	20.015544 89135742 2	6.6418957 71026611	986.8	225.138	2426	2443	2426		2022-06- 12T08:32: 31	32.7	20220612-09
4211	nw_sup_c hange																			982.4	222.71	0	2412	2395	2022-06- 12T08:31: 57	2022-06- 12T08:31: 57	32.8	
4210	nw_inf_ch ange																			981.5	222.507	0	91	90	2022-06- 12T08:31: 51	2022-06- 12T08:31: 51	33.1	
4209	reeling_ex change	5	30.954168 31970215	5.1320395 46966553	0.0	0.0	1.7278740 40603637 7	259.44610 59570312 5	320.25122 0703125	90.956954 95605469	0.0054656 00173920 393	20.950511 93237304 7	6.9608559 60845947	233.78662 109375	278.24926 7578125	74.344383 2397461	0.0	16.909439 08691406 2	5.6316742 89703369	982.4	220.944	2395	2412	2395	2022-06- 12T06:14: 29	2022-06- 12T07:23: 03	32.7	20220612-08
4208	reeling_ex change	113.96514 89257812 5	25.980932 23571777 3	4.3152670 86029053	0.0	0.0	1.4513438 94004821 8	211.70469 66552734 4	261.32919 31152344	74.208999 63378906	0.0054656 00173920 393	17.135469 43664550 8	5.6950259 2086792	191.73341 36962890 6	227.74252 31933593 8	60.978023 52905273 4	0.0	13.862617 49267578 1	4.6160483 36029053	981.9	224.733	2395	2420	2406	2022-06- 12T05:05: 58	2022-06- 12T06:14: 29	32.6	20220612-07
4207	reeling_ex change	92.487709 04541016	21.070905 68542480 5	3.4975101 94778442 4	0.0	0.0	1.1779426 33628845 2	164.85932 92236328	203.50436 40136718 8	57.800876 61743164	0.0054656 00173920 393	13.383226 39465332	4.4447288 51318359	149.30839 53857422	177.19033 81347656 2	47.493328 09448242	0.0	10.815479 27856445 3	3.5904052 25753784	894.7	187.395	2008	2026	2017	2022-06- 12T04:08: 35	2022-06- 12T05:05: 58	33.1	20220612-06
4206	nw_sup_c hange																			888.9	184.581	0	91	90	2022-06- 12T05:05: 18	2022-06- 12T05:05: 18	33.1	
4205	nw_inf_ch ange																			888.1	185.575	0	2114	2108		2022-06- 12T05:05: 11	33.1	
4204	reeling_ex change	73.678764 34326172	16.800474 16687011 7	2.7680571 07925415	0.0	0.0	0.9426181 31637573 2	125.89665 98510742 2	155.39503 47900390 6	44.142787 93334961	0.0054656 00173920 393	10.248443 60351562 5	3.3976209 16366577	113.92486 57226562 5	135.17961 12060547	36.227676 39160156	0.0	8.1828422 54638672	2.7685925 96054077	192.4	7.05449	90	91	90	2022-06- 12T04:05: 40	2022-06- 12T04:08: 35	32.8	20220612-05
4203	reeling_ex change	72.684310 91308594	16.583599 09057617 2	2.7361910 34317016 6	0.0	0.0	0.9249224 66278076 2	123.37616 72973632 8	152.25167 84667968 8	43.254310 60791015 6	0.0054656 00173920 393	9.9923362 7319336	3.3191080 09338379	112.14757 53784179 7	133.05580 13916015 6	35.666450 50048828	0.0	8.1153144 83642578	2.7135827 54135132	102.0	19.3173	234	240	237	2022-06- 12T02:45: 45	2022-06- 12T04:05: 40	33.0	20220612-04
4202	reeling_ex change	54.697845 45898437 5	12.485892 29583740 2	2.0519971 84753418	0.0	0.0	0.7005100 84629058 8	106.13175 96435546 9	130.99963 37890625	37.204200 74462890 6	0.0054656 00173920 393	8.6485147 47619629	2.8472545 14694214	96.600517 27294922	114.53027 34375	30.714817 04711914	0.0	6.9662351 60827637	2.3554651 73721313 5	997.3	233.734	2476	2499	2484		2022-06- 12T02:45: 45	0.9	20220612-03
4201	reeling_ex change	26.871774 67346191 4	6.1415338 51623535	0.9972619 41432952 9	0.0	0.0	0.3467026 94892883 3	54.150608 06274414	66.841232 29980469	18.993019 10400390 6	0.0	4.4326453 20892334	1.4745076 89476013 2	49.552780 15136719	58.693008 42285156	15.774480 81970214 8	0.0		1.1947178 84063720 7	974.0	222.907	2395	2418	2403		2022-06- 12T01:19: 48	32.7	20220612-02
4200	reeling_ex change	4.8056306 83898926	1.1016248 46458435	0.1753731 51898384 1	0.0	0.0	0.0617795 54933309 555	8.0400686 26403809	9.9222736 35864258	2.8196237 08724975 6	0.0	0.6443408 72764587 4	0.2163137 49551773 07	7.3778162 00256348	8.7341003 41796875	2.3493430 61447143 6	0.0	0.5389069 31877136 2	30769157	755.8	138.788	1482	1494	1489		2022-06- 12T00:11: 20	32.6	20220612-01
4199	nw_sup_c hange																			750.1	136.503	0	2200	2185	2022-06- 12T00:10: 41	12T00:10:	32.6	
4198	nw_inf_ch ange																			749.2	136.854	0	2200	2185	2022-06- 12T00:10: 37	12T00:10:	33.0	
4197	reeling_ex change	428.74374 38964844	92.146652 22167969	15.409381 86645507	0.0	0.0	5.4029622 07794189	629.98089 59960938	1037.4702 1484375	538.84600 83007812	0.0	68.840805 05371094	22.840349 19738769	592.30847 16796875	949.93908 69140625	466.72827 1484375	0.0	58.398700 71411133	19.369726 18103027	908.8	195.585	2099	2114	2108	2022-06- 11T22:28:	2022-06- 11T23:28:	33.1	20220611-22

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4197		428.74374 38964844			0.0	0.0	5	629.98089 59960938	1037.4702 1484375	538.84600 83007812	0.0	68.840805 05371094	5	592.30847 16796875			0.0	58.398700 71411133	3	908.8	195.585	2099	2114	2108	43	50	33.1	20220611-22
4196	reeling_ex change	409.24990 84472656	87.715095 52001953	14.676647 18627929 7	0.0	0.0	5.1447439 19372559	588.92352 29492188	986.77770 99609375	524.42791 74804688	0.0	65.487510 68115234	21.737932 20520019 5	555.02423 09570312	905.61187 74414062	454.83908 08105469	0.0	55.704761 50512695	18.470277 78625488 3	909.0	199.304	2099	2118	2116	2022-06- 11T21:28: 46	2022-06- 11T22:28: 43	32.7	20220611-21
4195	reeling_ex change	390.34521 484375	83.397544 86083984	13.970887 18414306 6	0.0	0.0	4.9091634 75036621	548.08233 64257812	936.35540 77148438	510.08380 12695312 5	0.0	62.209342 95654297	20.637004 85229492 2	517.81622 31445312	861.30450 43945312	443.00369 26269531	0.0	53.008838 65356445	17.594640 73181152 3	285.7	17.009	203	205	205	2022-06- 11T21:17: 48	2022-06- 11T21:28: 46	32.9	20220611-20
4194	reeling_ex change	386.25933 83789062 5	82.463211 05957031	13.816540 71807861 3	0.0	0.0	4.8543033 59985352	543.51904 296875	930.71868 89648438	508.47341 91894531	0.0	61.824600 21972656	20.522769 92797851 6	514.09600 83007812	856.79345 703125	441.81112 67089844	0.0	52.738361 35864258	17.509576 79748535	718.2	126.144	1323	1340	1336	2022-06- 11T20:38: 58	2022-06- 11T21:17: 48	4.9	20220611-19
4193	reeling_ex	373.37524 4140625	79.520339	13.352815		0.0	4.6892313 95721435 5	516.65594 48242188	897.57287 59765625	499.04598 99902344	0.0	59.706295 01342773 4	19.802898 40698242 2	489.94003 29589844	827.97088 62304688	434.11569 21386719	0.0	50.975795 74584961	16.913175 58288574 2	967.8	221.65	2350	2379	2362	2022-06- 11T19:31: 39	2022-06- 11T20:38: 58	33.0	20220611-18
4192	nw_sup_c hange																			962.6	221.539	0	2200	2185	2022-06- 11T20:38: 19		33.1	
4191	nw_inf_ch ange																			961.7	219.452	0	2339	2384	2022-06- 11T20:38:		32.9	
4190	reeling_ex change	350.59658 81347656	74.348205 56640625	12.511910 43853759 8	0.0	0.0	4.4044508 934021	468.86346 43554687	838.59863 28125	482.26306 15234375	0.0	55.787494 65942383	18.521797 18017578	446.67047 11914062 5	776.28973 38867188	420.34729 00390625	0.0	47.862873 07739258	15.886985 77880859	923.3	207.059	2174	2200	2185	2022-06-		32.9	20220611-17
4189	reeling_ex	328.95059 20410156	69.477539		0.0	0.0	4.1292715	424.18676		466.57092				405.96594 23828125				44.897678 37524414	14.887742 04254150 4	926.9	212.455	2174	2199	2186	2022-06-		32.9	20220611-16
4188	reeling_ex change	307.68887 32910156	64.686958 31298828	10.981168	0.0	0.0	3.8589656 35299682	378.84020 99609375	727.50103 75976562	450.64849 85351562 5	0.0			364.51995 84960937 5				41.940563	13.892849 92218017 6	449.1	49.706	535	524	525	2022-06- 11T16:22:		33.1	20220611-15
4187		296.94952 39257812 5			0.0	0.0	3.7262170	363.94332	708.70043	444 01036	0.0			351.17364 50195312 5				40.935688 01879883	12 501207	959.9	224.51	2315	2291	2335	2022-06-		32.8	20220611-14
4186	nw_sup_c											-		3					o	966.0	224.705	0	2339	2384	2022-06-		32.8	
4185	nw_inf_ch ange																			957.7	224.216	0	2260	2303	2022-06-		32.8	
4184		273.93621 82617187 5	57.414180 75561523 4	9.7777204 5135498	0.0	0.0	3.4344005 58471679	335.72927 85644531	653.77832 03125	410.40795 8984375	0.0	43.590522 76611328	14.487405 77697753	323.84051 51367187 5	612.73693 84765625	359.20758 05664062	0.0		12.507559 77630615 2	969.2	226.369	2364	2339	2384	2022-06-		33.0	20220611-13
4183		250.96180 72509765 6				0.0				375.33749 38964844	0.0			296.00280 76171875				34.531940 46020508	11.437537 19329834	971.4	227.393	2364	2341	2386	2022-06- 11T13:01:		33.0	20220611-12
4182	reeling_ex	227.00053 40576172	47.554492	8.1152048	0.0	0.0				340.58419 79980469				268.13711 54785156				31.286573 41003418	10.353960 99090576 2	961.1	225.036	2331	2304	2352	2022-06- 11T11:54:		32.8	20220611-11
4181	nw_sup_c hange														5				2	955.5	221.742	0	2260	2303	2022-06-		33.1	
4180	nw_inf_ch ange																			954.6	221.355	0	2336	2381	2022-06-		33.0	
4179	reeling_ex change	204.89010 62011718 8	42.930683 13598633	7.3314719 20013428	0.0	0.0	2.5669329 16641235	250.54783 63037109	488.01907 34863281	306.24847 41210937 5	0.0	32.540653 22875976 6	10.831217 76580810	240.98439 02587890	457.08190 91796875	267.23477 17285156	0.0		9.3167791 36657715	954.2	217.348	2284	2260	2303	2022-06-		33.1	20220611-10
4178	reeling_ex	182.74739 07470703	38.298061	6.5337386	0.0	0.0				272.62487 79296875		28.892967 22412109 4						25.071493 14880371	8.2954969 40612793	956.4	221.379	2284	2261	2303	2022-06-		33.1	20220611-09
4177			33.500411	5.7493834 49554443	0.0	0.0		195.10263		238.50195 3125		25 200054	0.4061160	187.99189 75830078	256 50066	208.46986		21.953348	7.2631030 08270264	353.9	21.7872	247	247	251	2022-06- 11T07:17:		33.1	20220611-08
4176	-	147.87864 68505859 4				0.0				224.49774 16992187 5		23.768877	7.9412240	176.92988 58642578	335.54614	196.21138	0.0			963.8	223.182	2342	2315	2361	2022-06- 11T06:10:	2022-06- 11T07:17:	33.1	20220611-07
4175	nw_sup_c							4		3		5						0		289.1	224.944	0	2336	2381	2022-06- 11T07:17:	11T07:17:	32.8	
4174	nw_inf_ch ange																			970.0	223.207	0	2334	2381	2022-06- 11T07:17:	11T07:17:	32.8	
4173	reeling_ex	125.31982 421875	26.224409 10339355	4.4778256 4163208	0.0	0.0	1.5709182 02400207	155.84962 46337890	302.98254 39453125	190.12374 87792968	0.0	20.127773 28491211	6.7303547 85919189	150.08699 03564453	284.19818 11523437	166.43875 12207031	0.0	17.484163 28430175	5.7967376 70898437	970.0	223.124	2364	2336	2381		28 2022-06- 11T06:10:	33.0	20220611-06

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4173	reeling_ex change	125.31982 421875	5	4.4778256 4163208	0.0	0.0		6	39453125		0.0	20.127773 28491211	5	150.08699 03564453	5	2	0.0	8	5	970.0	223.124	2364	2336	2381	40	21	33.0	20220611-06
4172	reeling_ex change	102.63034 05761718 8	21.479871 74987793	3.6791343 68896484 4	0.0	0.0	1.2860800 02784729	127.59717 55981445 3	248.03060 91308593 8	155.66076 66015625	0.0	16.491851 80664062 5	5.4944338 79852295	123.04565 4296875	232.76710 51025390 6	136.48207 09228515 6	0.0	14.360044 47937011 7	4.7561902 99987793	972.2	226.128	2364	2337	2382	2022-06- 11T03:55: 01	2022-06- 11T05:02: 40	33.0	20220611-05
4171	reeling_ex change	80.177032 47070312	16.780748 36730957	2.8477921 48590088	0.0	0.0	1.0032721 75788879 4	99.304969 78759766	193.03523 25439453	121.16113 28125	0.0	12.843305 58776855 5	4.2810983 65783691	95.591270 44677734	180.85740 66162109 4	106.05867 76733398 4	0.0	11.151934 62371826 2	3.6871476 17340088	975.3	226.377	2378	2350	2395	2022-06- 11T02:46: 54	2022-06- 11T03:55: 01	33.0	20220611-04
4170	nw_sup_c hange																			971.4	226.81	0	2334	2381	2022-06- 11T03:54: 26	2022-06- 11T03:54: 26	32.6	
4169	nw_inf_ch ange																			970.5	226.254	0	2334	2381		2022-06- 11T03:54: 19	32.9	
4168	reeling_ex change	56.514335 63232422	11.851737 02239990 2	2.0114257 33566284	0.0	0.0			137.47401 42822265 6			9.1384048 46191406	3.0530092 71621704	68.088821 41113281	128.80679 32128906 2	75.531433 10546875	0.0	7.9504108 42895508	2.6111922 26409912	977.5	227.843	2364	2334	2381	2022-06- 11T01:39: 14	2022-06- 11T02:46: 54	32.8	20220611-03
4167	reeling_ex change	34.534084 32006836	7.2400784 49249268	1.2446938 75312805 2	0.0	0.0	0.4306841 19462966 9	42.448211 66992187 5	82.507873 53515625	51.775173 18725586	0.0	5.5027294 15893555	1.8136879 20570373 5	40.694305 41992187 5	76.993896 484375	45.135845 18432617	0.0	4.7396512 03155518	1.5757234 0965271	976.2	225.104	2364	2337	2381	2022-06- 11T00:31: 34	2022-06- 11T01:39: 14	33.0	20220611-02
4166	reeling_ex change	11.189931 86950683 6	2.3551611 90032959	0.4026758 37278366 1	0.0	0.0		13.692692 75665283 2	26.616594 31457519 5	16.698282 24182129	0.0	1.7931181 19239807 1	0.5892055 63068389 9	13.083740 234375	24.795812 60681152 3	14.525136 94763183 6	0.0		0.5093211 53163909 9	985.5	230.148	2429	2397	2447		2022-06- 11T00:31: 34	33.1	20220611-01
4165	nw_sup_c hange																			981.5	231.298	0	2334	2381		2022-06- 11T00:31	32.7	
4164	nw_inf_ch ange																			980.6	230.643	0	2371	2412	2022-06- 11T00:30: 53	2022-06- 11T00:30: 53	32.9	
4163	reeling_ex change	462.20166 015625	97.937164 30664062	16.839838 0279541	0.0	0.0	5.8275461 19689941	618.03100 5859375	1080.3884 27734375	615.52258 30078125	0.0	72.169281 00585938						61.658878 32641601 6	20.462631 22558593 8	971.8	223.461	2364	2334	2381		2022-06- 10T23:22: 01	33.1	20220610-22
4162	reeling_ex change	439.57946 77734375	93.123092 65136719	16.038749 69482422	0.0	0.0	5.5452828 4072876	590.01025 390625	1025.8768 31054687 5	581.33245 84960938	0.0	68.505271 9116211	22.718175 88806152 3	562.11907 95898438	950.46771 24023438	504.53683 47167969	0.0	58.449871 06323242	19.427951 81274414	972.7	222.534	2364	2340	2385	2022-06- 10T21:06: 42	2022-06- 10T22:14: 20	33.0	20220610-21
4161	reeling_ex change	416.10824 58496094	88.114265 44189453	15.183775 90179443 4	0.0	0.0	5.2446632 38525391	561.46289 0625	970.34790 0390625	546.49353 02734375	0.0	64.778182 98339844	21.504278 1829834	534.85388 18359375	898.73828 125	474.31149 29199219	0.0	55.313522 33886719	18.349319 45800781 2	957.8	217.557	2289	2266	2306	2022-06- 10T20:01: 07	2022-06- 10T21:06: 42	32.7	20220610-20
4160	nw_sup_c hange																			951.1	215.018	0	2371	2412	2022-06- 10T21:06: 06	2022-06- 10T21:06: 06	32.8	
4159	nw_inf_ch ange																			950.2	212.966	0	2363	2410	2022-06- 10T21:05: 58	2022-06- 10T21:05: 58	32.7	
4158	reeling_ex change	393.88180 54199219	83.330337 52441406	14.379431 72454834	0.0	0.0	4.9684429 16870117	534.23706 0546875	917.37670 8984375	513.24884 03320312	0.0			508.43737 79296875				52.257316 58935547	17.341186 5234375	978.4	224.83	2394	2371	2412	2022-06- 10T18:52: 35	2022-06- 10T20:01: 07	33.1	20220610-19
4157	reeling_ex change	369.67306 51855469	78.172630 3100586	13.521334 64813232 4	0.0	0.0	4.6611919 40307617	505.43780 51757812 5	861.39849 85351562	478.09408 56933594	0.0	57.430381 77490234 4	19.091703 41491699 2	480.87582 39746094	796.14062 5	414.47671 50878906	0.0	49.051929 47387695	16.295408 24890136 7	978.0	231.53	2394	2374	2415	2022-06- 10T17:44: 06	2022-06- 10T18:52: 35	33.1	20220610-18
4156	reeling_ex change	345.40484 61914062 5	73.041992 1875	12.676387 78686523 4	0.0	0.0	4.3524694 44274902	476.54785 15625	805.19714 35546875	442.79763 79394531	0.0	53.755058 28857422	17.840351 10473632 8	453.10479 73632812 5	743.33416 74804688	383.71713 25683594	0.0	45.793087 00561523 4	15.221828 46069336	929.2	209.01	2169	2144	2183	2022-06- 10T16:41: 57	2022-06- 10T17:44: 06	33.1	20220610-17
4155	nw_sup_c hange																			922.9	210.898	0	2363	2410	2022-06- 10T17:43: 32	2022-06- 10T17:43: 32	32.7	
4154	nw_inf_ch ange																			921.6	210.403	0	886	899	2022-06- 10T17:43: 23	2022-06- 10T17:43: 23	33.1	
4153		324.16110 22949219				0.0	4.0816764 83154297	450.27258 30078125	754.08764 6484375	410.71191 40625	0.0	50.336231 23168945	16.701610 56518554 7	427.77755 73730469	695.24981 68945312	355.59783 93554687 5	0.0	42.888782 5012207	14.234518 05114746 1	978.0	230.518	2394	2363	2410		2022-06- 10T16:41: 57	32.7	20220610-16
4152	reeling_ex change	299.72247 31445312 5	63.381336 2121582	11.076880 45501709	0.0	0.0			697.73840 33203125			94238281	60534668	399.83151 24511719	48046875	73535156		39.646972 65625	13.143699 64599609 4	282.6	14.8132	170	168	171	2022-06- 10T15:25: 51	10T15:33:	32.9	20220610-15
4151	reeling_ex change	296.92935 18066406	62.793571 47216797	10.976022 72033691 4	0.0	0.0			693.03149 4140625			46.270259 85717773 4	15.370624 54223632 8	397.81777 95410156	638.78692 62695312	322.32553 10058594	0.0	25585937	13.060090 06500244 1	978.8	230.762	2394	2372	2413	2022-06- 10T14:17: 21	2022-06- 10T15:25: 51	32.9	20220610-14
4150	reeling_ex change	272.57516 47949219	57.673755 64575195	10.140005 11169433 6	0.0	0.0	3.4275400 63858032 2	389.90734 86328125	636.59008 7890625	336.96353 14941406	0.0	42.534275 05493164	14.100640 29693603 5	369.72036 74316406	585.82672 11914062	291.15295 41015625	0.0	05712890	11.976158 14208984 4	931.2	210.553	2150	2133	2166	2022-06- 10T13:15: 53	10T14:17:	32.6	20220610-13
4149	nw_sup_c hange																			926.9	207.383	0	886	899		2022-06- 10T14:16: 47	33.3	

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4148	nw_inf_ch ange																			925.5	206.703	0	2317	2380	2022-06- 10T14:16: 39	2022-06- 10T14:16: 39	33.1	
4147		2	30444336			0.0	3.1586015 22445678 7	363.04660 03417969	584.34729 00390625	304.14218 13964844	0.0	8918457	52142334	89941406	537.51025 390625	87792969			10.988383 29315185 5	605.5	91.1442	904	886	899	2022-06- 10T11:45: 05	2022-06- 10T13:15: 53	33.1	20220610-12
4146		229.24720 76416015 6				0.0	2.8840937 61444092	349.23733 52050781	557.54974 36523438	287.33578 49121094 0	0.0	37.267948 15063476 6	12.352089 88189697 3	328.56854 24804687 5	508.14981 07910156	245.57185 36376953	0.0		10.392868 99566650 4	923.5	191.177	2113	2086	2122	2022-06- 10T10:44: 34	2022-06- 10T11:45: 05	33.0	20220610-11
4145		209.20791 62597656 2				0.0	2.6272768 9743042	319.22473 14453125	509.65924 07226562 5	262.62753 29589844 0	0.0	34.072193 14575195	11.288210 86883545	300.52709 9609375	464.76892 08984375	224.63539 12353515 6	0.0	28.622735 97717285	9.5026664 73388672	885.9	175.972	1953	1940	1969	2022-06- 10T09:48: 40	2022-06- 10T10:44: 34	32.8	20220610-10
4144	reeling_ex change	09304703	40.456607 81860351 6	7.1167263 98468018	0.0	0.0	2.3943924 90386963	292.01089 47753906	466.21209 71679687 5	240.22509 765625 0	0.0	31.206369 40002441 4	10.326138 49639892 6	274.50134 27734375	424.49313 35449219	205.18807 98339843 8	0.0	26.163263 32092285	8.6649818 42041016	983.8	218.108	2423	2387	2445	2022-06- 10T08:39: 17	2022-06- 10T09:48: 40	32.9	20220610-09
4143	nw_sup_c hange																			980.2	215.146	0	2317	2380	2022-06- 10T09:48: 09	2022-06- 10T09:48: 09	32.7	
4142	nw_inf_ch ange																			979.3	215.725	0	2318	2375	2022-06- 10T09:48: 02	2022-06- 10T09:48: 02	32.9	
4141	reeling_ex change	168.66178 89404297	35.733013 15307617	6.2852821 35009766	0.0	0.0	2.1153736 11450195 3	257.83438 11035156	411.64315 79589844	212.10754 39453125	0.0	27.573595 04699707	9.1298475 26550293	242.40419 00634765 6	374.89416 50390625	181.18247 98583984 4	0.0	23.159765 24353027 3	7.6670875 54931641	971.4	212.296	2354	2317	2380	2022-06- 10T07:31: 54	2022-06- 10T08:39: 17	33.0	20220610-08
4140		5				0.0				184.62028 50341797 0		23.979078 29284668	7.9310269 35577393	210.96398 92578125	326.39987 18261719	157.69503 78417968 8	0.0	20.155584 33532715	6.6715240 47851562 5	977.8	211.13	2354	2327	2387	2022-06- 10T06:24: 31	2022-06- 10T07:31: 54	33.0	20220610-07
4139	reeling_ex change	125.37217 71240234 4	26.619867 3248291	4.6764450 07324219	0.0	0.0	1.5747933 38775634 8	191.16770 93505859 4	305.20816 04003906	157.27856 4453125 0	0.0	20.444458 0078125	6.7490196 22802734	179.61651 61132812 5	278.05041 50390625	134.25849 91455078	0.0	17.163267 13562011 7	5.6738390 92254639	979.7	211.077	2381	2345	2405	2022-06- 10T05:16: 19	2022-06- 10T06:24: 31	32.6	20220610-06
4138	nw_sup_c hange																			976.2	209.547	0	2318	2375	2022-06- 10T06:23: 59	2022-06- 10T06:23: 59	32.7	
4137	nw_inf_ch ange																			974.9	209.189	0	2326	2375	2022-06- 10T06:23: 51	2022-06- 10T06:23: 51	32.6	
4136						0.0	1.2914203 40538025	157.78787 23144531 2	251.91184 99755859 4	129.80033 87451172 0	0.0				229.30032 34863281 2			6	4.6779718 39904785		210.753	2354	2318	2375	2022-06- 10T04:08: 55	2022-06- 10T05:16: 19	32.8	20220610-05
4135	reeling_ex change	82.028457 64160156	17.388723 37341308 6	3.0424628 25775146 5	0.0	0.0	29028320 3	31689453 1	2	89233398 0 4	0.0	13.331739 42565918	4.3986239 43328857	116.79348 75488281 2	181.27706 90917968 8	87.312080 38330078	0.0	8		972.7	211.919	2354	2322	2376	2022-06- 10T03:01: 33	2022-06- 10T04:08: 55	33.2	20220610-04
4134	reeling_ex change	40014648	12.873859 40551757 8	79974365	0.0	0.0	0.7652884 12570953 4	91.090156 55517578	145.44215 39306640 6	74.933731 07910156	0.0	9.7498464 58435059	3.2039418 22052002	85.280052 1850586	132.27532 95898437 5	63.750679 01611328	0.0	8.1690168 3807373	2.6826467 51403808 6	972.2	214.025	2371	2342	2394		2022-06- 10T03:01: 33	32.8	20220610-03
4133	nw_sup_c hange																			968.3	214.097	0	2326	2375	2022-06- 10T03:01: 01	2022-06- 10T03:01: 01	32.7	
4132	nw_inf_ch ange																			967.4	213.805	0	2351	2405	2022-06- 10T03:00: 52	2022-06- 10T03:00: 52	33.2	
4131	reeling_ex change	38.420604 70581055	8.1399602 89001465	1.4264883 99505615 2	0.0	0.0	0.4850802 12354660 03	57.172168 73168945	91.306739 8071289	47.034908 29467773 0 4	0.0	6.1415743 82781982						5	34629821 8	971.0	212.932	2354	2326	2375	2022-06- 10T00:46: 15	2022-06- 10T01:53: 39	33.0	20220610-02
4130	reeling_ex change	15.667439 46075439 5		0.5857417 58346557 6	0.0	0.0	0.2009688 01975250 24	23.676580 42907715	37.829936 98120117	19.481542 58728027 0 3	0.0	2.5647685 52780151 4						2.1120297 90878296	0.6952196 35963439 9	972.2	211.542	2354	2328	2376	2022-06- 09T23:38: 53	2022-06- 10T00:46: 15	32.8	20220610-01
4129	reeling_ex change	461.77880 859375	97.678756 71386719	16.631729 12597656 2	0.0	0.0	5.8156991 00494385	688.71386 71875	1099.1492 91992187 5	566.73614 50195312 0	0.0	73.429351 80664062	24.353702 54516601 6	646.27935 79101562	1006.8150 63476562 5	482.85479 73632812 5	0.0	61.911560 05859375	20.493883 13293457	966.1	209.811	2317	2286	2334	2022-06- 09T22:32: 30	2022-06- 09T23:38: 53	33.0	20220609-22
4128	nw_sup_c hange																			962.1	207.543	0	2351	2405	2022-06- 09T23:38: 21	09T23:38:	33.0	
4127	nw_inf_ch ange																			961.2	208.149	0	2362	2413	2022-06- 09T23:38: 11	09T23:38:	32.6	
4126		439.92132 56835937 5				0.0	44366455	36328125	56640625			95019531	35522461	01035930	958.62860 10742188	45214844		4			218.717	2384	2351	2405		2022-06- 09T22:32: 30	32.8	20220609-21
4125	reeling_ex change	416.79171 75292969	88.192222 59521484	15.000658 03527832	0.0	0.0	5.2541141 51000977	621.27117 91992188	991.44262 6953125	511.24792 48046875	0.0	66.253280 63964844	21.966072 08251953	582.77185 05859375	908.06396 484375	435.36779 78515625	0.0	55.810932 15942383	18.472663 87939453	981.1	222.46	2384	2358	2407	2022-06- 09T20:16: 03	2022-06- 09T21:24: 15	33.0	20220609-20

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4124	reeling_ex change	393.67810 05859375		14.158975 60119628 9	0.0	0.0	4.9589753 15093994	586.85205 078125	936.47302 24609375	482.93276 97753906	0.0	62.607860 56518555	20.757949 82910156 2	550.17669 67773438	857.34777 83203125	411.03094 48242187 5	0.0	52.627750 39672851 6	17.455783 84399414	967.9	217.514	2334	2300	2351	2022-06- 09T19:09: 10	2022-06- 09T20:16: 03	33.0	20220609-19
4123	nw_sup_c hange																			961.7	213.821	0	2362	2413	2022-06- 09T20:15: 27	2022-06- 09T20:15: 27	33.2	
4122	nw_inf_ch ange																			960.8	214.095	0	2363	2411	2022-06- 09T20:15: 18	2022-06- 09T20:15: 18	32.6	
4121	reeling_ex change	370.74237 06054687 5	78.501464 84375	13.322032 92846679 7	0.0	0.0	4.6725573 53973389	552.92517 08984375	882.31115 72265625	455.01965 33203125	0.0	58.987361 90795898 4	19.579460 14404297	518.30273 4375	807.70611 57226562	387.20169 06738281	0.0	49.593593 59741211	16.433662 41455078	977.1	222.464	2394	2362	2413	2022-06- 09T18:00: 38	2022-06- 09T19:09: 10	32.9	20220609-18
4120	reeling_ex change	346.99066 16210937 5	73.481887 81738281	12.460199 35607910 2	0.0	0.0	4.3719029 42657471	518.58972 16796875	827.46997 0703125	426.75506 59179687 5	0.0			485.93179 32128906			0.0		15.436738 96789550 8	980.6	221.185	2394	2371	2419	2022-06- 09T16:52: 08	2022-06- 09T18:00: 38	33.1	20220609-17
4119	reeling_ex change	323.00244 140625	68.386558 53271484	11.610627 17437744 1	0.0	0.0	4.0687627 7923584	483.54745 48339844	771.50555 41992188	397.89422 60742187 5	0.0	51.628417 96875	17.105600 35705566 4	453.01986 69433594	706.01422 11914062	338.42541 50390625	0.0	43.322029 11376953	14.383627 89154052 7	947.2	214.697	2265	2235	2282	2022-06- 09T15:47: 15	2022-06- 09T16:52: 08	32.7	20220609-16
4118	nw_sup_c hange																			943.1	213.656	0	2363	2411	2022-06- 09T16:51: 37	2022-06- 09T16:51: 37	33.2	
4117	nw_inf_ch ange																			942.3	213.112	0	2361	2411	2022-06- 09T16:51: 29	2022-06- 09T16:51: 29	33.1	
4116	reeling_ex change	300.06509 39941406	63.533332 82470703	10.806818 96209716 8	0.0	0.0	3.7834017 27676391 6	450.10922 24121094	718.13775 63476562	370.36856 07910156	0.0	6	6	421.12539 67285156	94720002	30810400		40.271785 73608398 4	13.361578 94134521 5	978.0	225.83	2394	2363	2411	2022-06- 09T14:38: 50	2022-06- 09T15:47: 15	32.9	20220609-15
4115	change	277.06393 43261719	4519043	69006348	0.0	0.0	01100200	10101010	00470002					388.02499 38964844				33007812 5	12.330763 81683349 6		43.0917	486	484	492	04	09T14:38: 50	32.9	20220609-14
4114				9.6588840 48461914		0.0				333.73773 19335937 5				379.49877 9296875				4	52734375		4.37407	0	0	0	2022-06- 09T14:12: 07	2022-06- 09T14:12: 07	0.0	
4113				9.6487102 50854492		0.0				333.73773 19335937 5				379.49877 9296875				36.254695 89233398 4			4.37407	0	0	0	2022-06- 09T14:07: 28	2022-06- 09T14:07: 28	0.0	
4112	state_start	267.69055 17578125	56.698246 00219726 6	9.6385364 5324707	0.0	0.0				333.73773 19335937 5				379.49877 9296875				36.254695 89233398 4			4.18794	0	0	0	58	09T14:06: 58	4.5	
4111	king		12890625	55639648	0.0	0.0	3	5	00020100			5	7	379.49877 9296875	22070312	5		4	52754575	212.8	3.35035	0	0	0	22	09T14:06: 22	11.8	
4110		31152344	2409008			0.0				333.73773 19335937 5				379.49877 9296875				36.254695 89233398 4	52734375	103.3	0.744523	0	0	0	07	09T14:01: 07	5.5	
4109	state_stop	263.65621 94824219	55.848731 99462890 6	9.4956130 98144531	0.0	0.0	8/411499	5/324219	04290875					376.39239 50195312 5			0.0	0001010	11.956729 88891601 6		0.651457	0	0	0	14	09T13:16: 14	0.0	
4108	change	263.31176 7578125	84301758	21289062	0.0	0.0				330.57818 60351562 5		23779297	89819336	375.73275 75683594	78710938	5		35.918792 72460937 5			179.475	1964	1941	1981	48	09T13:15: 04	33.0	20220609-13
4107				9.4956130 98144531		0.0	07411499	23040073	72400936					376.39239 50195312 5				0001040	11.956729 88891601 6	180.9	0.558392	0	0	0	56	09T13:15: 56	5.1	
4106	reeling_ex change	243.74867 24853515 6	51.600963 5925293	8.7632560 72998047	0.0	0.0	3.0756139 75524902 3	373.45050 04882812 5	595.83795 16601562	307.26495 36132812 5	0.0	39.861206 0546875	13.221867 56134033 2	349.36657 71484375	544.35870 36132812	260.93283 08105469	0.0	33.413215 63720703	11.081796 64611816 4	992.5	227.462	2459	2426	2477	21	09T12:18: 48	32.8	20220609-12
4105	nw_sup_c hange																			988.6	226.068	0	2369	2414	10	09T12:18: 10	32.7	
4104	nw_inf_ch ange																			988.1	225.974	0	2369	2414	08	09T12:18: 08	33.1	
4103				7.9419140 81573486		0.0	12451172	03125	82617188					316.52490 234375				5	10.055727 9586792		223.69	2394	2361	2411	50	09T11:08: 21	32.8	20220609-11
4102	cnange	33154297	426/5/81			0.0	13300099	5234375	09140025					284.43380 73730469				00432123	9.0349044 79980469		217.477	2394	2369	2416	18	09T09:59: 50	33.0	20220609-10
4101	reeling_ex change	175.91658 02001953	37.153926 84936523 4	6.3169245 71990967	0.0	0.0	2.2182922 36328125	269.83737 18261719	430.48547 36328125	222.00106 81152343 8	0.0	28.743326 18713379	9.5547389 98413086	252.68470 76416015 6	393.44567 87109375	188.73220 82519531 2	0.0	24.158393 85986328	8.0148830 41381836	982.8	223.112	2376	2347	2397	2022-06- 09T07:43: 14	2022-06- 09T08:51: 18	32.8	20220609-09

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4100	nw_sup_c hange																			978.8	220.935	0	2369	2414	2022-06- 09T08:50: 45	2022-06- 09T08:50: 45	33.2	
4099	nw_inf_ch ange																			978.0	221.479	0	2369	2411	2022-06- 09T08:50: 38	2022-06- 09T08:50: 38	32.9	
4098	reeling_ex change	8	39501953	5.4807119 36950684		0.0	1.9249186 51580810 5	235.40946 96044922	375.54046 63085937 5	193.67218 01757812 0 5	0.0			220.34492 49267578	343.00404	164.56796 26464843 8	0.0	96655273 4	6.9918293 95294189 5		223.69	2394	2369	2414	2022-06- 09T06:34: 41	2022-06- 09T07:43: 14	32.7	20220609-08
4097	reeling_ex change	130.50082 39746093 8	27.638080 59692382 8	4.6851449 01275635	0.0	0.0	1.6502047 77717590 3	200.46812 43896484 4	319.80984 49707031	164.94229 12597656 0 2	0.0	21.380493 1640625	7.1194791 79382324	187.73461 9140625	292.33850 09765625	140.22796 63085937 5	0.0	17.943490 98205566 4	5.9617605 20935059	992.1	229.058	2394	2374	2417	2022-06- 09T05:26: 11	2022-06- 09T06:34: 41	32.8	20220609-07
4096	reeling_ex change	106.53112 79296875	22.591289 52026367 2	3.8397564 88800049	0.0	0.0	1.3381146 19255066	165.32318 11523437 5	263.73068 23730469	136.03007 50732422 0	0.0	17.614257 8125	5.8707594 871521	154.71525 57373047	240.92893 98193359 4	115.55661 01074218 8	0.0		4.9230542 18292236	956.4	217.987	2274	2251	2293	2022-06- 09T04:21: 02	2022-06- 09T05:26: 11	33.2	20220609-06
4095	nw_sup_c hange																			951.9	217.72	0	2369	2411	2022-06- 09T05:25: 34	2022-06- 09T05:25: 34	32.8	
4094	nw_inf_ch ange																			951.1	217.073	0	2369	2404	2022-06- 09T05:25: 26	2022-06- 09T05:25: 26	32.9	
4093	onange	02207001	7	3.0868477 82135009 8		0.0	1.0729850 53062439	132.40133 66699218 8	211.18629 45556640 6	108.94591 52221679 0 7	0.0	14.145481 10961914	4.7031612 39624023	123.80467 22412109 4	192.80967 71240234 4	92.470558 1665039	0.0	11.818547 24884033 2	3.9307012 5579834	985.5	229.228	2394	2369	2411	2022-06- 09T03:12: 29	2022-06- 09T04:21: 02	33.0	20220609-05
4092				2.2748570 44219970 7		0.0	0.7901476 02558136	97.786689 75830078	155.99909 97314453	80.483345 03173828 0	0.0	10.407802 58178711						00001011	2.8988626 00326538		228.121	2394	2373	2414	2022-06- 09T02:04: 05	2022-06- 09T03:12: 29	33.0	20220609-04
4091	reeling_ex change	41.363365 17333984 4	8.8153820 0378418	1.4876444 33975219 7	0.0	0.0	0.5213080 64460754 4	63.185989 37988281	100.77514 6484375	52.003433 22753906 0	0.0	6.7136335 37292480 5	2.2643327 71301269 5	59.193706 51245117	92.266433 71582031	44.218330 38330078	0.0	5.6701574 32556152	1.8826336 86065673 8	248.7	8.13127	101	99	101	2022-06- 09T02:01: 09	2022-06- 09T02:04: 05	33.2	20220609-03
4090	reeling_ex change	39.698242 1875	8.4568862 91503906	1.4255058 76541137 7	0.0	0.0	0.4958034 45577621 46	61.446010 58959961	98.016914 36767578	50.583374 0234375 0	0.0	6.5257787 70446777	2.2112641 33453369	57.699665 06958008	89.943832 39746094	43.102615 35644531	0.0	5.5382509 23156738	1.8272597 78976440 4	959.5	221.784	2293	2270	2306	2022-06- 09T00:55: 22	2022-06- 09T02:01: 09	33.1	20220609-02
4089	nw_sup_c hange																			954.6	218.36	0	2369	2404	2022-06- 09T02:00: 31	2022-06- 09T02:00: 31	33.0	
4088	nw_inf_ch ange																			953.7	218.561	0	2365	2395	2022-06- 09T02:00: 23	2022-06- 09T02:00: 23	32.8	
4087	reeling_ex change	92077636	3.8912901 87835693 4	0.6540008 78334045 4	0.0	0.0	0.2293639 03403282 17	28.406435 01281738 3	45.313293 45703125	23.382375 71716308 0 6	0.0	3.0123629 57000732 4	1.0148036 47994995 1	26.820217 13256836	41.837490 08178711	20.039180 75561523 4	0.0	00100075	O	982.8	230.549	2394	2369	2404	2022-06- 08T23:46: 42	2022-06- 09T00:55: 22	32.6	20220609-01
4086	reeling_ex change	460.77465 8203125	95.973358 15429688	16.471778 86962890 6	0.0	0.0	5.7861981 39190674	700.46575 92773438	1076.2617 1875	578.14099 12109375 0	0.0	73.141418 45703125		647.89416 50390625			0.0	61.189418 79272461	20.246597 29003906 2	984.2	229.325	2394	2378	2415	2022-06- 08T22:38: 03	2022-06- 08T23:46: 42	33.2	20220608-23
4085	reeling_ex change	437.41241 45507812 5	91.011528 01513672	15.614985 46600341 8	0.0	0.0	5.4953794 47937012	664.92736 81640625	1019.5501 09863281 2	548.92034 91210938 0	0.0	69.341087 3413086	23.092800 14038086	615.03399 65820312	931.09619 140625	460.51663 20800781	0.0		19.200620 65124511 7	970.0	223.333	2332	2304	2332	2022-06- 08T21:31: 08	2022-06- 08T22:38: 03	33.1	20220608-22
4084	nw_sup_c hange																			966.1	222.529	0	2365	2395	2022-06- 08T22:37: 33	2022-06- 08T22:37: 33	32.9	
4083	nw_inf_ch ange																			965.2	221.674	0	2364	2394	2022-06- 08T22:37: 25	2022-06- 08T22:37: 25	33.0	
4082	reeling_ex change	415.55499 26757812 5	86.414840 69824219	14.832056 99920654 3	0.0	0.0	5.2218060 49346924	630.43963 62304688	964.50201 41601562	520.58386 23046875	0.0	65.663330 078125					0.0	87768555		904.0	229.228	2394	2365	2395	2022-06- 08T20:22: 28	2022-06- 08T21:31: 08	32.9	20220608-21
4081	onungo	575	30173701	13.967195 51086425 8		0.0	4.9144010 54382324	594.88085 9375	907.74304 19921875	491.37985 22949219 0	0.0	61.908325 1953125					0.0	51.755107 87963867	17.104787 82653808 6	985.0	223.69	2394	2364	2401	2022-06- 08T19:13: 50	2022-06- 08T20:22: 28	33.0	20220608-20
4080	reeling_ex change	367.97531 12792969	76.376358 03222656	13.136877 05993652 3	0.0	0.0	4.6205096 24481201	559.52722 16796875	851.30212 40234375	462.31988 52539062 0 5	1.0	58.143409 72900390 6	19.350460 05249023 4	516.77203 36914062	776.03466 796875	387.26681 51855469	0.0	48.579895 01953125	16.075363 15917968 8	960.9	221.069	2326	2298	2322	2022-06- 08T18:07: 05	08T19:13:	32.6	20220608-19
4079	nw_sup_c hange																			956.8	219.152	0	2364	2394	2022-06- 08T19:13: 17	2022-06- 08T19:13: 17	33.1	
4078	nw_inf_ch ange																			955.9	218.768	0	147	148		2022-06- 08T19:13: 10	32.9	
4077	reeling_ex change	345.65942 3828125	71.672760 00976562	12.327198 02856445 3	0.0	0.0	4.3387656 21185303	524.97650 14648438	796.16510 00976562	433.88311 76757812 0 5	0.0	54.512111 66381836	18.148391 72363281 2	484.83035 27832031	725.68060 30273438	363.43890 38085937 5	0.0	45.539020 53833008	15.053645 13397216 8	977.5	225.906	2394	2364	2394	2022-06- 08T16:58: 26	2022-06- 08T18:07: 05	32.8	20220608-18

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4076	reeling_ex change		66.621078 49121094	11.470250 12969970 7		0.0	4.0299983 02459717	489.29339 59960937 5	739.18768 31054688	404.49835 20507812 5	0.0	50.695171 35620117	16.907058 71582031 2	451.52716 06445312 5	673.24536 1328125	338.55020 14160156	0.0	42.292129 51660156	14.011688 23242187 5	980.6	226.555	2394	2367	2401		2022-06- 08T16:58: 26	33.0	20220608-17
4075	reeling_ex change	297.59793 09082031	61.514972 68676758	10.604691 50543212 9	0.0	0.0	3.7238061 42807007	453.67083 74023437 5	682.32269 28710938	375.17785 64453125	0.0	46.938102 72216797	15.650401 11541748	418.63635 25390625	621.51086 42578125	313.98492 43164062 5	0.0	46679687	12.950934 41009521 5	914.5	206.752	2162	2141	2159	2022-06- 08T14:47: 53	2022-06- 08T15:49: 49	32.8	20220608-16
4074	nw_sup_c hange																			910.5	205.605	0	147	148		2022-06- 08T15:49: 15	32.9	
4073	nw_inf_ch ange																			909.7	203.789	0	342	348	2022-06- 08T15:49: 06	2022-06- 08T15:49: 06	33.1	
4072		277.21704 1015625				0.0	3.4675698 28033447 3	421.44796 75292969	630.87475 5859375	348.66256 71386719	0.0	43.501815 79589844							12.010938 64440918	280.2	12.853	150	147	148		2022-06- 08T14:47: 53	32.8	20220608-15
4071	reeling_ex change	275.36547 8515625	56.843109 13085937 5	9.8043260 57434082	0.0	0.0				346.96771 24023437 5		43.314498 90136719	14.446287 15515136 7	386.53585 81542969	570.88262 93945312	290.01712 03613281	0.0	36.063404 08325195	2	967.0	228.046	2394	2373	2392		2022-06- 08T14:43: 30	33.1	20220608-14
4070	change		76293945	2/58/89		0.0				317.52142 33398437 5		39.503398 89526367						83251953	U		224.798	2394	2372	2395	2022-06- 08T12:26: 14	2022-06- 08T13:34: 50	32.8	20220608-13
4069	reeling_ex change	228.12048 33984375	46.914428 7109375	8.1013422 0123291	0.0	0.0	2.8562376 49917602 5	348.19174 19433594	513.90362 54882812	288.37036 1328125	0.0	35.744586 94458008	11.924056 05316162 1	320.18707 27539062 5	467.23379 51660156	240.49551 39160156 2	0.0	29.633073 80676269 5	9.8368988 03710938	875.7	182.358	1918	1890	1921		2022-06- 08T12:26: 14	32.6	20220608-12
4068	nw_sup_c hange																			870.0	180.246	0	342	348	08T12:25: 36	2022-06- 08T12:25: 36	33.0	
4067	nw_inf_ch ange																			869.1	179.958	0	2198	2220	08T12:25: 30	2022-06- 08T12:25: 30	32.6	
4066	change		41430664	80401611		0.0	6	5	0390023			32.741840 36254883						27.117931 36596679 7	8.9978666 305542	439.9	30.9592	348	342	348	08T10:10: 38	2022-06- 08T11:31: 17	32.7	20220608-11
4065	state_wor king		90101133	77154541		0.0	5	83496094	13378906			32.304534 91210937 5						26.722412 109375	8.8861913 68103027	293.6	4.90112	0	0	0	08T11:23: 03	2022-06- 08T11:23: 03	12.0	
4064	state_start	08042578	3918457	7.3158760 07080078		0.0	51992798	00234370	04589844			32.304534 91210937 5	40.754404			047.74000		26.722412 109375	8.8861913 68103027	285.6	4.22842	0	0	0	08T11:21: 44	2022-06- 08T11:21: 44	5.1	
4063	King		08959961	07080078		0.0	51992798	00234375	04589844			5	9	240111110		6		109375	68103027	285.0	3.94012	0	0	0	08T11:21: 31	2022-06- 08T11:21: 31	12.3	
4062	state_start	206.07289 12353515 6	42.312057 49511719	7.2952642 4407959	0.0	0.0				260.97103 88183594		32.242053 9855957							79650879		0.192201	0	0	0	08T11:14: 13	2022-06- 08T11:14: 13	4.5	
4061	state_stop			6.8628568 64929199		0.0	60308838	21972656	70019531			31.554346 08459472 7						12130203			6.53483	0	0	0	08T10:21: 42	2022-06- 08T10:21: 42	0.0	
4060		_				0.0	0.0070750	005 70005		254.13699 34082031 2		31.366617 20275879							8.6072435 37902832		1.72981	0	0	0	08T10:11: 54	2022-06- 08T10:11: 54	5.0	
4059		8				0.0	4	5	023	253.42146 30126953		31.241464 61486816 4	4	89941406	700020	8	0.0	4	37902832		226.843	2394	2364	2392	08T09:01: 59	2022-06- 08T10:10: 38	33.1	20220608-10
4058		8	-			0.0	3	020125	01423701			00378418	3626709	6	353.82672 11914062 5	5		47014400	7.5491528 51104736		224.722	2394	2367	2404	08T07:53: 21	2022-06- 08T09:01: 59	32.8	20220608-09
4057	reeling_ex change	145.28218 07861328	32324218 8	5.1016860 00823975	0.0	0.0	1.8103232 38372802 7	234.30693 05419922	332.08837 890625	194.69256 59179687 5	0.0	23.674713 13476562 5	7.8945031 16607666	47363281 2	301.72354 12597656	06054687 5	0.0	19.538200 37841797	6.4958600 99792480 5	937.4	208.315	2196	2165	2192	08T06:50: 21	2022-06- 08T07:53: 21	33.0	20220608-08
4056	nw_sup_c hange																			933.5	205.742	0	2198	2220	08T07:52: 46		32.6	
4055	nw_inf_ch ange	104 07405	25 204242				1 5500000	201 60741				20.200240			254 40004	120 62252		16 600000		932.1	206.018	0	2170	2182	08T07:52: 35		32.8	
4054		4				0.0				167.88427 734375		20.226240 15808105 5	6.7312688 82751465	184.98168 9453125	97021484 4	80761718 8	0.0	4	5.5395064 35394287		208.425	2223	2198	2220	08T05:46: 33	2022-06- 08T06:50: 21	33.0	20220608-07
4053	reeling_ex change	74829101	41308593	3.5979385 37597656 2		0.0	1.2936257 12394714 4	168.58081 0546875	227.17135 62011718 8	140.68011 47460937 5	0.0	16.661424 63684082	5.5698533 0581665	154.25509 64355468 8	206.03344 7265625	116.71274 56665039	0.0	13.764307 02209472 7	4.5629439 35394287	951.5	208.687	2223	2198	2222		2022-06- 08T05:46: 33	33.0	20220608-06

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4052		82.089202 88085938				0.0	1.0208069 08607483	135.02314 75830078	173.58671 56982422	113.08656 31103515 6	0.0	13.086871 14715576 2	4.3772277 83203125	123.06408 69140625	156.84854 12597656 2	93.449455 26123047	0.0	10.785519 59991455	3.5565102 10037231 4	455.7	42.2803	452	451	455	2022-06- 08T03:15: 51	2022-06- 08T04:42: 54	32.7	20220608-05
4051	state_wor king	77.437530 51757812	15.321113 58642578 1	2.6644995 21255493	0.0	0.0	92482757 6	38500976 6	2	84887695 (3		12.334060 66894531 2	4.1124596 59576416	116.52467 34619140 6	146.47586 05957031 2	88.550056 45751953	0.0	7000-12-10	3.3663070 20187378		3.4103	0	0	0	2022-06- 08T04:29: 13	2022-06- 08T04:29: 13	12.6	
4050	state_start	76.734115 60058594	15.173062 32452392 6	2.6328723 43063354 5	0.0	0.0				106.51560 21118164				115.70156 09741211				10.061429 97741699 2	3.3391606 80770874	180.9	0.902727	0	0	0	2022-06- 08T04:24: 36	2022-06- 08T04:24: 36	4.7	
4049		70.413772 58300781				0.0				99.881027 22167969								9.4700021 74377441	3.1491835 11734009	185.2	0.901097	0	0	0	2022-06- 08T03:16: 53	2022-06- 08T03:16: 53	0.0	
4048		70.362358 09326172				0.0				99.881027 22167969		5	7	109.58517 45605468 8	4	39092370			3.1491835 11734009	187.1	0.901097	0	0	0	2022-06- 08T03:16: 48	2022-06- 08T03:16: 48	5.1	
4047	reeling_ex change	70.211151 12304688	13.817766 18957519 5	2.4108872 41363525 4	0.0	0.0	0.8753708 00495147 7	118.01605 22460937 5	147.29739 37988281 2	99.063819 8852539	0.0	11.330600 73852539	3.7688856 12487793	109.23303 98559570 3	135.06427 00195312 5	83.110008 2397461	0.0	9.4042959 21325684	3.1220607 75756836	942.7	222.314	2218	2225	2237	2022-06- 08T02:12: 13	2022-06- 08T03:15: 51	32.8	20220608-04
4046	nw_sup_c hange																			1200.0	222.296	0	2170	2182	2022-06- 08T03:16: 07	2022-06- 08T03:16: 07	32.7	
4045	nw_inf_ch ange																			951.1	222.82	0	2396	2414	2022-06- 08T03:15: 58	2022-06- 08T03:15: 58	32.8	
4044	reeling_ex change	47.954471 58813476 6	9.4677362 4420166	1.6278499 36485290 5	0.0	0.0	0.5977566 83826446 5	80.191993 7133789	100.08844 75708007 8	67.301963 80615234	0.0	7.6319656 37207031	2.5560746 19293213	73.836486 81640625	91.203109 74121094	56.175212 86010742	0.0	6.3734617 23327637	2.1171221 73309326	935.3	217.659	2163	2170	2182	2022-06- 08T01:10: 09	2022-06- 08T02:12: 13	33.2	20220608-03
4043	reeling_ex change	25.703212 73803711	5.0852780 34210205	0.8677874 80354309 1	0.0	0.0	0.3233273 92339706 4	42.445716 85791015 6	52.989730 83496094	35.611625 67138672	0.0	4.0020279 88433838	1.3569474 22027588	39.168869 01855469	48.301330 56640625	29.787635 80322265 6	0.0	46920776	1.1061056 85234069 8	987.6	238.913	2423	2427	2444	2022-06- 08T00:00: 37	2022-06- 08T01:10: 09	32.6	20220608-02
4042	nw_inf_ch ange																			980.6	236.811	0	2396	2401	2022-06- 08T01:09: 25	2022-06- 08T01:09: 25	32.7	
4041	nw_sup_c hange																			980.6	236.711	0	2396	2401	2022-06- 08T01:09: 24	2022-06- 08T01:09: 24	33.1	
4040		0.7985293 26915741				0.0	983	5		60521698	0.0	58460807 8	91634821 892		52088928 2	90295410 2		74017620 09	0.0278433 95248055 458		236.696	2394	2396	2414	07T22:51: 57	2022-06- 08T00:00: 37	32.7	20220608-01
4039		496.15975 95214844				0.0				701.77526 85546875		82373047	98852539	775.73638 91601562	22801002	8071875		67.417396 54541016			235.037	2394	2402	2416	2022-06- 07T21:43: 19	2022-06- 07T22:51: 57	33.1	20220607-21
4038	reeling_ex change	470.98574 82910156	92.693489 07470703	17.072725 29602050 8	0.0	0.0	5.8498106 00280762	795.11584 47265625	992.38098 14453125	667.50476 07421875	0.0	76.544212 3413086	25.409875 86975097 7	737.49981 68945312	903.46215 8203125	564.03662 109375	0.0	64.100280 76171875	21.236913 68103027 3	955.5	221.836	2266	2275	2285	2022-06- 07T20:38: 19	2022-06- 07T21:43: 19	32.9	20220607-20
4037	nw_sup_c hange																			951.9	220.057	0	2396	2401	2022-06- 07T21:42: 47	2022-06- 07T21:42: 47	33.0	
4036	nw_inf_ch ange																			951.5	219.402	0	2396	2396	07T21:42: 42	2022-06- 07T21:42: 42	32.8	
4035		446.96249 38964844				0.0	00900037	9700020	8203125		0.0	72.786453 24707031							20.176034 92736816 4		237.419	2394	2396	2401	2022-06- 07T19:29: 51	2022-06- 07T20:38: 19	32.6	20220607-19
4034		421.13250 73242187 5				0.0			891.65771 484375		0.0	68.721092 2241211	22.852375 03051757 8	663.96575 92773438	811.57360 83984375	505.31137 08496094	0.0	57.543159 48486328	19.006809 23461914	981.1	240.253	2394	2403	2408	07T18:21: 24	2022-06- 07T19:29: 51	33.0	20220607-18
4033	reeling_ex change	395.96170 04394531	77.847061 15722656	14.421473 50311279 3	0.0	0.0	4.9257502 55584717	672.45861 81640625	839.31280 51757812	564.71166 9921875	0.0	64.702873 22998047	21.490568 16101074 2	624.85937 5	765.13055 41992188	475.59078 97949219	0.0	54.160232 54394531	17.899877 54821777 3	993.8	244.9	2486	2484	2483	38	07T18:21: 24	32.5	20220607-17
4032	nw_sup_c hange																			955.0	233.361	0	2396	2396	07T18:16: 29		33.1	
4031	nw_inf_ch ange																			954.2	232.749	0	2385	2398	07T18:16: 23		32.8	
4030						0.0	5569458	03515625	91015625			60.515419 00634765 6						5	16.739048 00415039	971.8	240.354	2394	2396	2396	07T16:02: 30		32.6	20220607-16
4029	reeling_ex change	344.19821 16699219	67.545074 46289062	12.617011 07025146 5	0.0	0.0	4.2836794 85321045	587.81213 37890625	733.62774 65820312	493.74313 35449219	0.0	56.530605 31616211	18.812084 19799804 7	545.46618 65234375	671.02557 37304688	415.24755 859375	0.0	88867187	15.626581 19201660 2	973.6	238.977	2394	2408	2408	2022-06- 07T14:54: 22	2022-06- 07T16:02: 30	32.7	20220607-15

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
4028	reeling_ex change	319.22601 31835937 5	07641601	11.727017 40264892 6	0.0	0.0	3.9755194 18716430 7	546.49597 16796875	682.03784 1796875	459.05578 61328125	0.0	52.469413 75732422	17.475854 87365722 7	506.80325 31738281	624.21820 06835938	385.85665 89355469	0.0		14.510502 81524658 2	974.0	233.016	2362	2356	2370		2022-06- 07T14:54: 22	32.7	20220607-14
4027	nw_sup_c hange																			968.3	230.537	0	2385	2398	2022-06- 07T14:53: 36	2022-06- 07T14:53: 36	33.2	
4026	nw_inf_ch ange																			967.4	230.139	0	2395	2395		2022-06- 07T14:53: 29	32.6	
4025	reeling_ex change	294.08630 37109375	57.614704 13208008	10.751899 71923828 1	0.0	0.0	3.6565384 86480713	505.13684 08203125	630.41137 6953125	424.30996 70410156	0.0	02030761	3	468.13003 54003906	02304000	00347030		40.570014 95361328	13.414440 15502929 7	981.9	237.036	2394	2385	2398	2022-06- 07T12:38: 20	2022-06- 07T13:46: 48	33.0	20220607-13
4024	reeling_ex change	268.73715 20996094	52.637424 46899414	9.8124618 53027344	0.0	0.0			578.45202 63671875	389.33850 09765625	0.0	44.424453 73535156	14.834382 05718994 1	429.15075 68359375	531.46508 7890625	326.82516 47949219	0.0		12.296324 72991943 4	984.4	240.737	2394	2389	2402		2022-06- 07T12:38: 20	32.6	20220607-12
4023	reeling_ex change	244.56677 24609375	47.916091 91894531	8.9571256 63757324	0.0	0.0	3.0389842 98706054 7	421.35171 50878906	525.83923 33984375	353.92169 18945312 5	0.0	40.397136 68823242	13.476733 20770263 7	390.27319 3359375	484.66964 72167969	297.24227 90527344	0.0		11.191683 76922607 4	992.1	241.713	2424	2424	2424	2022-06- 07T10:20: 34	2022-06- 07T11:29: 54	33.1	20220607-11
4022	nw_sup_c hange																			986.8	239.229	0	2395	2395		2022-06- 07T11:29: 13	33.1	
4021	nw_inf_ch ange																			986.4	238.827	0	2385	2389		2022-06- 07T11:29: 06	32.8	
4020		219.09974 67041015 6				0.0	2.7316629 88662719 7	379.37966 91894531	473.46011 35253906	318.68405 15136719	0.0	36.373138 42773437 5	12.133606 91070556 6	351.00781 25	436.14123 53515625	267.34356 68945312 5	0.0	30.434503 55529785	10.067723 27423095 7	987.9	238.142	2394	2395	2395		2022-06- 07T10:20: 34	32.8	20220607-10
4019	reeling_ex change	194.24940 49072265 6	38.154647 82714844	7.0524315 83404541	0.0	0.0	2.4260282 51647949	337.76568 60351562 5	421.51959 22851562 5	283.71920 77636719	0.0	32.363063 81225586	10.818104 74395752	312.10876 46484375	387.95651 24511719	237.74113 46435547	0.0	27.084762 57324218 8	31213379	990.8	241.12	2394	2399	2398	2022-06- 07T08:03: 41	2022-06- 07T09:12: 07	33.1	20220607-09
4018	reeling_ex change	169.84455 87158203	33.424484 25292969	6.1411075 59204102	0.0	0.0	2.1144106 38809204	295.81085 20507812 5	369.18740 84472656	248.45626 83105468 8	0.0	28.349002 83813476 6	9.4805078 50646973	273.35003 66210937 5	339.73379 51660156	208.20742 79785156 2	0.0	23.653419 49462890 6	7.8346190 45257568	1000.0	243.944	2435	2433	2435	07T06:54:	2022-06- 07T08:03: 41	32.9	20220607-08
4017	nw_sup_c hange																			996.0	241.752	0	2385	2389		2022-06- 07T08:03: 06	33.1	
4016	nw_inf_ch ange																			995.2	239.949	0	2394	2394		2022-06- 07T08:03	32.7	
4015		145.80160 52246093 8				0.0	1.8118586 54022216 8	253.20767 21191406 2	316.02267 45605469	212.65303 03955078	0.0	24.257612 22839355 5	8.0951776 5045166	234.15493 77441406 2	290.98449 70703125	178.35803 22265625	0.0	20.286962 50915527 3	6.7195806 5032959	992.1	240.014	2394	2385	2389		2022-06- 07T06:54: 01	32.9	20220607-07
4014	reeling_ex change	122.10942 07763671 9	24.038150 78735351 6	4.2595872 87902832	0.0	0.0	1.5241563 32015991 2		263.27984 61914062 5	177.14746 09375	0.0	20.176578 52172851 6					0.0		5.6000213 62304687 5	990.7	240.083	2394	2393	2398		2022-06- 07T05:45: 33	32.7	20220607-06
4013	reeling_ex change	97.752441 40625	19.220769 88220215	3.4209008 21685791	0.0	0.0	1.2202055 45425415		210.79991 14990234 4	141.82855 22460937 5	0.0	16.162214 27917480 5	5.3815827 36968994	155.92701 72119140 6	193.86622 61962890 6	118.76200 86669921 9	0.0	13.510282 51647949 2		990.7	243.168	2406	2404	2407	2022-06- 07T03:28: 17	2022-06- 07T04:37: 08	32.6	20220607-05
4012	nw_sup_c hange																			986.4	240.095	0	2394	2394		2022-06- 07T04:36: 31	33.2	
4011	nw_inf_ch ange																			985.5	239.588	0	2392	2388		2022-06- 07T04:36: 24	33.2	
4010	reeling_ex change	72.969963 07373047	14.382948 87542724 6	2.4993665 21835327	0.0	0.0	4	6	43201310			12.081731 79626464 8	4.0525488 85345459	117.02497 10083007 8	145.51354 98046875	89.102928 1616211	0.0		3.3727035 52246093 8	985.0	236.383	2394	2394	2394		2022-06- 07T03:28: 17	33.1	20220607-04
4009	reeling_ex change	48.894481 65893555	9.6611928 93981934	1.6711138 48686218 3	0.0	0.0	0.6122671 36573791 5	85.318992 6147461	106.47442 62695312 5	71.642883 30078125	0.0	8.1185340 88134766						6.8094143 86749268		986.4	237.759	2394	2395	2395		2022-06- 07T02:19: 51	32.6	20220607-03
4008	reeling_ex change	24.855514 52636718 8	4.9151272 77374268	0.8437206 74514770 5	0.0	0.0				36 789432		4.1589531 89849853 5	1.4158344 26879882 8	40.635776 51977539	50.703922 27172851 6	30.896034 24072265 6	0.0	3.5101194 38171386 7	1.1551524 40071106	984.3	238.886	2420	2419	2416		2022-06- 07T01:11: 25	32.9	20220607-02
4007	nw_inf_ch ange																			975.3	237.236	0	2421	2414	07T01:10:	2022-06- 07T01:10: 42	32.7	
4006	nw_sup_c hange																			975.3	237.066	0	2421	2414		2022-06- 07T01:10: 41	33.1	
4005	reeling_ex change	1.2857104 53987121 6	69919013	0.0412773 89973402 02	0.0	0.0		43342590		20611572	0.0	0.1280787 58716583 25	96004486		13009643	80867004	0.0		0.0525314 36085700 99	974.6	237.419	2394	2392	2388	06T22:53:	2022-06- 07T00:02: 11	33.1	20220607-01
4004	reeling_ex change	474.12060 546875	36.188606 26220703	15.212411 88049316	0.0	0.0	5.3073291 77856445	726.77044 67773438	909.66693 11523438	543.68280 02929688	0.0	68.072418 21289062		673.91827 39257812			0.0	56.757385 25390625	18.687435 15014648	971.1	234.484	2394	2392	2387	2022-06- 06T21:45:	2022-06- 06T22:53:	33.0	20220606-20

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
4004			36.188606 26220703		0.0	0.0	5.3073291 77856445	726.77044 67773438	909.66693 11523438	543.68280 02929688	0.0	68.072418 21289062	4	673.91827 39257812	836.21752 9296875	5	0.0	56.757385 25390625	4	971.1	234.484	2394	2392	2387	45	51	33.0	20220606-20
4003	reeling_ex change	449.85086 05957031	31.439611 43493652 3	14.292153 35845947 3	0.0	0.0	5.0103001 59454346	684.46917 72460938	856.84259 03320312	508.16699 21875	0.0	63.950859 06982422	21.172393 79882812 5	635.04345 703125	788.21594 23828125	427.94995 1171875	0.0	53.393386 84082031	17.573196 41113281 2	614.3	92.1974	941	937	941	2022-06- 06T19:21: 34	2022-06- 06T21:45: 45	33.1	20220606-19
4002	nw_sup_c hange																			587.9	83.6112	0	2421	2414	2022-06- 06T21:43: 22	2022-06- 06T21:43: 22	33.1	
4001	nw_inf_ch ange																			587.0	83.3122	0	2349	2345	2022-06- 06T21:43: 17	2022-06- 06T21:43: 17	32.9	
4000	state_wor king	439.11981 20117187 5	29.335809 7076416	13.885893 82171630 9	0.0	0.0	4.8711833 95385742	667.96221 92382812	836.25866 69921875	494.31210 32714844	0.0	62.402206 42089844	20.653871 53625488 3	619.73614 50195312	769.31054 6875	416.29953 00292969	0.0		17.118839 26391601 6	213.3	3.59754	0	0	0	2022-06- 06T21:18: 44	2022-06- 06T21:18: 44	20.8	
3999				13.885893 82171630 9		0.0	4.8711833 95385742	667.96221 92382812	836.25866 69921875	494.31210 32714844	0.0				769.31054 6875				17.118839 26391601 6	212.1	3.40819	0	0	0		2022-06- 06T21:18: 38	9.9	
3998				13.885893 82171630 9		0.0	4.8711833 95385742	667.96221 92382812	836.25866 69921875	494.31210 32714844	0.0				769.31054 6875			99414062	17.118839 26391601 6	211.1	3.40819	0	0	0	2022-06-		9.9	
3997				13.885893 82171630 9		0.0	4.8711833 95385742	667.96221 92382812	836.25866 69921875	494.31210 32714844	0.0				769.31054 6875			52.111968 99414062	17.118839 26391601 6	210.9	3.31352	0	0	0		2022-06- 06T21:18: 33	9.9	
3996				13.885893 82171630 9		0.0	4.8711833 95385742	667.96221 92382812	836.25866 69921875	494.31210 32714844	0.0				769.31054 6875			52.111968 99414062	17.118839 26391601 6	211.1	3.31352	0	0	0	2022-06-	2022-06- 06T21:18: 31	10.0	
3995				13.885893 82171630 9		0.0	4.8711833 95385742	666.82617 1875	834.84033 203125	493.35580 44433594	0.0	62.273330	20.627895	618.72985	768.07971 19140625	415.53396		51.977012	17.092086 79199218 8	183.9	0.568032	0	0	0	2022-06- 06T21:13: 06		5.1	
3994			27.210254 66918945	13.488059 04388427 7		0.0	4.7429952 62145996	656.88189 69726562	822.44976 80664062	485.00003 05175781	0.0	61.307815 55175781	20.315841 67480468 8	609.53942 87109375	756.67047 11914062	408.52154 54101562 5	0.0	44726562	16.824485 77880859 4	181.3	0.564697	0	0	0	2022-06-		0.0	
3993				13.467207 90863037 1	0.0	0.0	4.7338910 10284424	656.34515 38085938	821.78643 79882812	484.59924 31640625	0.0	61.243488	20.289834	609.06756	756.08508 30078125	408.19641	0.0	51.166728 97338867	16.824485 77880859 4	982.8	231.261	2473	2421	2414	2022-06- 06T18:10: 49		33.1	20220606-18
3992				13.488059 04388427 7		0.0	4.7429952 62145996	656.88189 69726562	822.44976 80664062	485.00003 05175781	0.0	61.307815 55175781	20.315841 67480468	609.34295 65429688	756.41656 49414062	408.38845 82519531	0.0	51.234283	16.824485 77880859		0.470581	0	0	0	2022-06-		4.7	
3991	nw_sup_c hange	·																	•	982.8	231.261	0	2354	2350	2022-06-		32.9	
3990	nw_inf_ch ange																			982.8	231.072	0	2354	2350	2022-06-		33.2	
3989	reeling_ex change	399.23495 48339844	25.635885 23864746	12.583569 52667236 3	0.0	0.0			770.93908 69140625	453.73892 21191406	0.0	57.455413 81835937	19.016128 54003906	570.81823 73046875	709.11596 6796875	382.14038 0859375	0.0	47.995021 82006836	15.753359 7946167	970.0	226.298	2394	2349	2345	2022-06-		33.0	20220606-17
3988	rooling ov		24.188798	11.736959 45739746 1		0.0	4.1278057 09838867	575.26007 08007812	721.30743 40820312	423.63433 83789062	0.0	53 680274	17 704130		663.37701 41601562		0.0		14.735003 47137451 2	974.5	228.117	2394	2352	2347	2022-06-		32.7	20220606-16
3987	reeling_ex	344.24087		10.882778	0.0	0.0	3.8222868	534.59423		393.05606	0.0				616.97314 453125		0.0	41.634204 86450195	13.714135	1000.9	244.715	2578	2535	2530	2022-06-		32.6	20220606-15
3986	nw_sup_c hange												-							997.4	244.204	0	2354	2350	2022-06-		33.2	
3985	nw_inf_ch ange																			996.5	243.916	0	2350	2345	2022-06- 06T15:53:		32.7	
3984		315.56048 58398437	21.230926 51367187 5	9.9910326 00402832	0.0	0.0	3.5084521 77047729	490.93096 92382812 5	616.70092 7734375	360.22412 109375	0.0	45.738185 88256836	15.186969 75708007 8	454.83700 56152344	566.70330 81054688	303.12609 86328125	0.0	83007812	12.581592 55981445 3	974.0	225.368	2394	2354	2350	2022-06-	2022-06- 06T14:40: 13	33.1	20220606-14
3983				9.1686801 91040039		0.0				330.02227 78320312 5	0.0				521.12750 24414062		0.0	-	11.558079 71954345 7	976.9	225.368	2394	2359	2350	2022-06-		32.7	20220606-13
3982	reeling_ex	262.05358	18.455377	8.3331584 93041992	0.0	0.0	2.9208476	440.055.47		000 07000		38.267852 78320312	12.720248 22235107		475.56384 27734375			31.933216	10.537897 10998535 2		215.793	2274	2232	2228	2022-06- 06T11:18:		32.6	20220606-12
3981	nw_sup_c hange						7					Ü				-		3	-	943.6	211.903	0	2350	2345	2022-06-	2022-06- 06T12:22: 46	33.1	
3980	nw_inf_ch ange																			942.7	213.273	0	2350	2343		2022-06- 06T12:22:	33.1	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3980	nw_inf_ch ange																			942.7	213.273	0	2350	2343	39	39	33.1	
3979	reeling_ex change	237.70710 75439453	17.205175 39978027 3	7.5760684 0133667	0.0	0.0	2.6553819 17953491	373.08837 890625	470.59057 6171875	271.58621 21582031	0.0	34.710643 76831055	11.566089 63012695 3	345.00582 88574219	431.86499 0234375	228.25196 83837890 6	0.0	28.922576 90429687 5	9.5509004 5928955	980.6	231.965	2394	2350	2345	2022-06- 06T10:09: 49	2022-06- 06T11:18: 17	32.6	20220606-11
3978	reeling_ex change	212.93969 7265625	15.946622 84851074 2	6.8234286 30828857	0.0	0.0	2.3798632 62176513 7	332.84024 04785156	420.71041 87011719	241.31912 23144531 2	0.0	30.964822 76916504	10.298783 30230712 9	308.05377 19726562 5	386.54782 10449219	203.07116 69921875	0.0	25.840396 88110351 6	8.5280761 71875	981.9	225.822	2394	2351	2347	2022-06- 06T09:01: 23	2022-06- 06T10:09: 49	33.2	20220606-10
3977						0.0				211.27864 07470703		27.227577 20947265 6					0.0	22.757534 02709961	7.4975481 03332519	978.4	222.283	2372	2326	2322	2022-06- 06T07:53: 30	2022-06- 06T09:01: 23	32.8	20220606-09
3976	nw_sup_c hange																			974.5	218.326	0	2350	2343	2022-06- 06T09:00:		32.7	
3975	nw_inf_ch ange																			973.6	217.951	0	2118	2120	2022-06-	2022-06- 06T09:00:	32.7	
3974		160.84968 56689453	13.269790 64941406	5.2001857 75756836	0.0	0.0	1.8085412 97912597	251.11125 18310547	322.27526 85546875	184.00498 96240234 4	0.0	23.636871 33789062 5	7.8544459 34295654	231.99070 73974609	296.02944 94628906	154.70378 11279297	0.0	19.601602 55432129	6.4738612 17498779	981.9	224.559	2394	2350	2343	2022-06- 06T06:45:	06T07:53:	32.9	20220606-08
3973		135.72937 01171875				0.0				156.44641 11328125		19.910360	6.6015081		250.48754	131.78663 63525390		16.514413 83361816 4		978.4	224.009	2394	2353	2347	2022-06- 06T05:36:	06T06:45:	33.0	20220606-07
3972		110.90529 63256836				0.0	4.0500000	400 00750				16.176691	5.3740530	153.52494	204.96257	108.59616	0.0	4 13.419248 58093261 7	3120410		200.815	2148	2102	2105	2022-06-	03 2022-06- 06T05:36:	32.7	20220606-06
3971	nw_sup_c	63256836	5	84939575			3	6	45361328	1640625		05529785	01403809	81201172	01904297	85180004		7	43359375	916.7	198.684	0	2118	2120	2022-06-	39 2022-06- 06T05:36:	33.0	
3970	hange nw_inf_ch																			915.8		0	2377	2427	05 2022-06-	05		
	ange	88.520515	9 5502862	2 0378041					178.17298			12.832310	4 2608841	118.17167	164 20552	87 834083		10.656688							58 2022-06-	58 2022-06-		
3969	change	44189453	93029785	05911255	0.0	0.0	3	3	6			12.832310 67657470 7					0.0	7	74139404 3		199.656	2163	2118	2120		06T04:35: 21	33.2	20220606-05
3968	change	65.394996 6430664	59875488	29067993		0.0	9	96484375	72998047			9.4370317 45910645					0.0	7.8904070 85418701	2232000		203.223	2163	2124	2125	06T02:31: 46	06T03:33: 31	33.1	20220606-04
3967		40.766593 93310547				0.0				54.069938 65966797		6.0270261 76452637						5.0667638 77868652	1.6597440 24276733 4	527.1	63.1998	689	665	665	2022-06- 06T01:30: 29	2022-06- 06T02:31: 46	33.0	20220606-03
3966	state_wor king	33.608570 09887695	6.7124423 98071289	1.2066990 13710022	0.0	0.0				47.178260 80322265 6		5.0773954 39147949					0.0	4.3269681 93054199	1.4178183 07876587	217.2	5.45307	0	0	0		2022-06- 06T02:13: 17	13.8	
3965	state_start	33.210330 96313476 6	6.6988005 63812256	1.1960710 28709411 6	0.0	0.0	0.4105383 45575332 64	38.649322 50976562 5	74.317703 24707031	46.479427 33764648 4	0.0	5.0140714 64538574	1.6642025 70915222 2	36.439846 03881836	69.567649 8413086	39.818580 62744140 6	0.0	4.1923427 58178711	1.3908650 87509155 3	182.3	1.81769	0	0	0		2022-06- 06T02:06: 23	5.2	
3964	state_stop	30.448600 76904297	6.4129796 02813721	1.1009012 46070861 8	0.0	0.0	0.3778931 20050430 3	37.603408 81347656	73.088523 8647461	45.799446 10595703	0.0	4.8873786 92626953	1.6374642 84896850 6	35.475498 19946289	68.481697 08251953	39.260124 20654297	0.0	4.1250300 40740967	1.3639118 67141723 6	182.4	0.576544	0	0	0		2022-06- 06T01:31: 37	0.0	
3963	reeling_ex change	30.033010 48278808 6	6.3313689 23187256	1.0903536 08131408 7	0.0	0.0	0.3778931 20050430 3	37.070579 52880859 4	72.061889 6484375	45.160846 71020508	0.0	4.8240098 95324707	1.6107259 98878479	35.089015 96069336	67.746437 0727539	38.835548 40087890 6	0.0	4.1250300 40740967	1.3369586 46774292	969.2	226.558	2353	2312	2358	2022-06- 06T00:23: 10	2022-06- 06T01:30: 29	33.0	20220606-02
3962		30.281641 00646972 7				0.0	0.3778931				0.0	4.8873786 92626953	1.6374642 84896850 6	35.475498 19946289	68.481697 08251953	39.260124 20654297	0.0	4.1250300 40740967	1.3639118 67141723 6	180.3	0.480454	0	0	0	2022-06-		5.3	
3961	nw_sup_c hange																			977.0	224.038	0	2377	2427	2022-06- 06T01:30:		32.6	
3960	nw_inf_ch ange																			969.2	226.294	0	2377	2422	2022-06- 06T01:30:		33.1	
3959	-	8.2196416 8548584	1.7056887 14981079	0.2954542 33884811	0.0	0.0	0.0990319 84806060	9.6834726 33361816	18.831411 36169433	11.803921 69952392 6	0.0	1.2695872 78366088 9	0.4162852 46610641	9.1389389 03808594	17.632982 25402832	10.109318 73321533	0.0	1.0849355 45921325	94788742		231.101	2414	2377	2427	2022-06- 05T23:14:	2022-06- 06T00:23:	33.0	20220606-01
3958		470.07214 35546875				0.0				6 694.72161 86523438		73.982490 53955078					0.0	62.460121 15478515	07 20.613718 03283691	984.3	235.069	2414	2380	2427	2022-06- 05T22:05:	05T23:14:	33.3	20220605-21
3957		447.34719 84863281				0.0	5 6517744					70.347053 52783203						59.350917	4 19.610616 68395996	955.9	220.008	2314	2278	2322	2022-06- 05T20:58:	05T22:05:	33.0	20220605-20
3956	nw_sup_c	3-000Z0T	30070023	3			5	32003002	555575	03020400		32703203	4	550025	5	.5020512		31010211	30030330		219.609	0	2377	2422	0000 00	08 2022-06- 05T22:04:	33.0	
	3.																											

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3956	nw_sup_c hange																			951.9	219.609	0	2377	2422	35	35	33.0	
3955	nw_inf_ch ange																			951.1	216.015	0	2378	2422	2022-06- 05T22:04: 27	2022-06- 05T22:04: 27	33.2	
3954	reeling_ex change	424.88174 43847656	89.735214 23339844	15.297952 65197753 9	0.0	0.0	5.3679757 1182251	514.72967 52929688	1001.3527 22167968 8	628.05957 03125	0.0	66.903137 20703125	22.170803 07006836	483.14199 82910156	961.72998 046875	535.23803 7109375	0.0	56.427967 0715332	18.658187 86621093 8	976.7	229.678	2414	2377	2422	2022-06- 05T19:49: 55	2022-06- 05T20:58: 56	32.7	20220605-19
3953	reeling_ex change	401.72967 52929687 5	84.812065 12451172	14.444878 57818603 5	0.0	0.0	5.0797219 27642822	486.90878 29589844	947.26733 3984375	594.12921 14257812	0.0	63.310924 5300293	20.986919 40307617 2	456.87875 36621094	910.54089 35546875	506.09445 19042969	0.0	53.432785 03417969	17.647018 43261718 8	978.6	228.276	2414	2384	2426	2022-06- 05T18:40: 56	2022-06- 05T19:49: 55	32.7	20220605-18
3952	raaling av		70 740710	13.571935		0.0	4.7751636 50512695	459.06878 66210937 5	893.09704 58984375	560.14080 81054688	0.0								16.635627	952.3	215.942	2306	2272	2314	2022-06-		32.9	20220605-17
3951	nw_sup_c hange																			948.0	214.607	0	2378	2422	2022-06- 05T18:40: 24		32.9	
3950	nw_inf_ch ange																			947.1	211.503	0	2381	2428	2022-06-		33.0	
3949	reeling_ex change	355.43191 52832031	74.918624 87792969	12.755147 93395996 1	0.0	0.0	4.4926624 2980957	432.39508 05664062 5	841.21051 02539062	527.58892 82226562	0.0	56.160644 53125	18.621038 43688965	405.06024 16992187 5	810.20330 81054688	448.68737 79296875	0.0	47.390933 99047851 6	15.652123 45123291	972.2	226.554	2414	2378	2422	2022-06- 05T16:25: 56		33.3	20220605-16
3948	reeling_ex change	332.12844 84863281	69.951248 16894531	11.916389 46533203 1	0.0	0.0	4.2017250	404.81546		493.91760					759.23773 19335938		0.0	44.344825 74462890 6	14.650046 34857177 7	972.7	228.009	2414	2385	2432	2022-06-		33.2	20220605-15
3947				11.047178 26843261 7	0.0	0.0	3.8974943 16101074	377.12573 2421875	733.62536 62109375	460.09436 03515625	0.0	48.901721 9543457						41.244853 97338867	13.636548 04229736 3	953.7	215.467	2314	2283	2329	2022-06- 05T14:10: 42		33.1	20220605-14
3946	nw_sup_c hange																			949.8	216.49	0	2381	2428	2022-06- 05T15:16:		33.1	
3945	nw_inf_ch ange																			948.4	213.307	0	2383	2432	2022-06-		33.3	
3944	reeling_ex change	285.64236 45019531	60.112735 74829101 6	10.207271 57592773 4	0.0	0.0	3.6143286 22817993	350.25720 21484375	681.34710 69335938	427.28414 91699219	0.0				659.43347 16796875		0.0	38.274509 42993164	12.638716 69769287 1	974.0	228.009	2414	2381	2428	2022-06- 05T13:01:		33.3	20220605-13
3943				9.3634128 57055664	0.0	0.0	3.3185753 82232666	322.39163 20800781	627.16326 90429688	393.25466 91894531	0.0	41.790107 72705078	13.870085 71624755 9	300.77081 29882812 5	608.14031 98242188	333.17108 15429687 5	0.0		11.623990 05889892 6	975.8	225.399	2414	2380	2429	2022-06-		33.1	20220605-12
3942	reeling_ex	239.49035	50.415298	8.5413370 13244629		0.0	3.0353672 50442505	294.97152 70996094	573.85144 04296875	359.77893 06640625	0.0				556.69934 08203125			32.075130 46264648	10.592833	951.1	214.186	2293	2258	2302	2022-06- 05T10:47:		32.9	20220605-11
3941	nw_sup_c hange																			947.1	215.218	0	2383	2432	2022-06-	2022-06- 05T11:52: 09	32.9	
3940	nw_inf_ch ange																			946.2	214.635	0	2386	2432	2022-06- 05T11:52: 02	2022-06- 05T11:52: 02	32.7	
3939	reeling_ex change	217.42726 13525390 6	45.805316 92504883	7.7376465 79742432	0.0	0.0	2.7550523 28109741	268.31964 11132812 5	521.99078 36914062	327.25347 90039062 5	0.0	34.792594 90966797	11.556865 69213867 2	249.14282 2265625	508.10021 97265625	275.97302 24609375	0.0	29.103031 15844726 6	9.6235723 4954834	978.4	226.726	2414	2383	2432	2022-06- 05T09:38: 03	2022-06- 05T10:47: 06	32.9	20220605-10
3938				6.9247784 61456299		0.0				293.29016 11328125		31.226093 29223632 8						26.005798 33984375	8.6112165 4510498	981.5	226.341	2414	2392	2442	2022-06- 05T08:29: 04	2022-06- 05T09:38: 03	33.1	20220605-09
3937				6.1214303 97033691		0.0	2.1895217 89550781	212.38986 20605468 8	413.17474 36523437	259.02148 4375	0.0				405.99572 75390625				7.6050591 46881103 5	973.4	225.221	2377	2347	2392			32.7	20220605-08
3936	nw_sup_c hange																			966.9	223.47	0	2386	2432		2022-06- 05T08:28: 23	33.1	
3935	nw_inf_ch ange																			966.1	223.462	0	2385	2427	2022-06- 05T08:28: 15	05T08:28:	33.1	
3934	reeling_ex change	149.86764 52636718 8	31.630199 43237304 7	5.2797131 53839111	0.0	0.0	02337646	74853515	359.27947 99804687 5	225.19915 77148437 5	0.0	23.967683 79211425 8	7.9645957 94677734	169.89988 70849609 4	354.52917 48046875	188.19862 36572265 6	0.0	19.837005 61523437 5	6.5788259 50622559	981.9	231.829	2414	2386	2432	05T06:12:	2022-06- 05T07:21: 03	32.9	20220605-07
3933	reeling_ex change	126.86479 94995117 2	26.720859 52758789	4.4475913 04779053	0.0	0.0	1.6050883 53157043 5	156.30834 9609375	304.10586 54785156	190.61151 12304687 5	0.0							16.730329 51354980 5	5.5543575 28686523	989.7	232.214	2414	2390	2437	2022-06- 05T05:03: 01	2022-06- 05T06:12: 02	32.9	20220605-06
3932				3.6349599 36141967		0.0				155.56724 54833984	0.0	16.578983	5.5018668	115.89579	248.78068 54248047	128.39916	0.0		4.5011935 23406982	980.6	234.599	2382	2354	2395	2022-06- 05T03:54:	2022-06- 05T05:03:	32.8	20220605-05

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3932		103.97084 80834961	7	8	0.0	0.0	4		248.19514 46533203	4	0.0	6	5.5018668 17474365	9	248.78068 54248047	128.39916 9921875	0.0	6	4.5011935 23406982	980.6	234.599	2382	2354	2395	45	01	32.8	20220605-05
3931	nw_inf_ch ange																			975.3	230.485	0	2193	2223	2022-06- 05T05:02: 17	2022-06- 05T05:02: 17	33.0	
3930	nw_sup_c hange																			975.3	230.386	0	2193	2223		2022-06- 05T05:02: 16	33.0	
3929	reeling_ex change	80.796836 85302734	16.974651 33666992 2	2.8229103 08837890 6	0.0	0.0	1.0201883 31604004	99.024620 05615234	192.64779 66308593 8	120.75039 67285156 2	0.0	12.882686 61499023 4	4.2639393 80645752	89.921005 24902344	193.44807 43408203	99.612953 18603516	0.0		3.4950122 83325195 3	988.6	236.01	2414	2385	2427	2022-06- 05T02:45: 36	2022-06- 05T03:54: 45	32.7	20220605-04
3928	reeling_ex change	56.865531 92138672	11.920202 25524902 3	1.9793516 39747619 6	0.0	0.0	0.7222768		136.89299 01123047			9.1181945 80078125	3.0394787 78839111 3	63.757583 61816406	137.27839 66064453	70.624832 15332031	0.0	7.4571399 6887207	2.4802370 07141113 3	993.4	234.054	2414	2385	2431	2022-06- 05T01:36: 29	2022-06- 05T02:45: 36	32.6	20220605-03
3927		33.250957 48901367		1.1489444 97108459	0.0	0.0			79.973693 84765625		0.0				79.956985 47363281			4.3471541 40472412	1.4391424 65591430	942.7	214.822	2189	2171	2202	2022-06- 05T00:33: 27		33.0	20220605-02
3926	nw_sup_c hange																			937.9	213.335	0	2193	2223	2022-06-	2022-06- 05T01:35: 50	32.9	
3925	nw_inf_ch ange																			937.0	212.845	0	2394	2397	2022-06-		32.9	
3924	reeling_ex change	09527587	2.5105838 77563476 6	0.4164195 65677642 8	0.0	0.0	30200470	14.406658 17260742 2	28.019237 51831054 7	17.564331 0546875	0.0		02613830	52233886	27.938615 79895019 5	00787353	0.0		0.4994533 95605087 3	951.1	216.12	2213	2193	2223	2022-06-	2022-06- 05T00:33: 27	32.6	20220605-01
3923	reeling_ex change	230.63569 64111328	51.807113	8.8553686 14196777	0.0	0.0	2 9413971	428 15432	558.41906 73828125	187.04183 95996093 8	0.0				536.33813 4765625		0.0	28.174737 93029785	9.3532714	953.3	220.002	2214	2196	2235	2022-06-		33.1	20220604-24
3922	reeling_ex change	207.73493 95751953	47.002021 78955078	8.0587110 51940918	0.0	0.0			505.70458 984375		0.0				183 00380			25.376260 75744629	8.4138784 40856934	474.2	47.5228	498	516	524	2022-06-	2022-06- 04T22:26:	32.7	20220604-23
3921	reeling_ex change	189.27006 53076172	43.040378 57055664	7.3948373 79455566	0.0	0.0	2 4133689		475.37820 43457031			31.030454 63562011 7					0.0	23.740503 31115722 7	7.8443870 54443359	976.6	215.764	2417	2428	2431	2022-06- 04T19:43: 35	2022-06- 04T20:53: 12	33.3	20220604-22
3920	nw_sup_c hange												_					-		1200.0	215.335	0	2394	2394	2022-06-	2022-06- 04T20:53: 29	33.0	
3919	nw_inf_ch ange																			1200.0	214.985	0	2394	2394	2022-06-		32.6	
3918	reeling_ex change	167.30415 34423828	38.018520 35522461	6.5388436 31744385	0.0	0.0	2.1377561 09237671	341.07650 75683594	420.80886 84082031	119.67723 84643554 7	0.0	27.476121 90246582	9.1437864 30358887	291.49386 59667969	401.11557 00683594	92.674324 03564453	0.0	20.954460 14404297	6.9399766 92199707	964.3	215.047	2384	2394	2397	2022-06-		33.0	20220604-21
3917	reeling_ex change	145.42788 69628906 2	33.001323 69995117	5.6864528 65600586	0.0	0.0	1.8566679 95452880 9	297.13540 64941406	366.57116 69921875	104.26862 33520507 8	0.0	23.927274 70397949 2	7.9589509 96398926	253.83926 39160156 2	349.46432 49511719	80.703773 49853516	0.0	18.239229 20227050 8	6.0567431 44989014	962.1	209.583	2384	2395	2398	2022-06- 04T17:26: 24		32.9	20220604-20
3916	reeling_ex change	123.69368	28.006603 24096679	4.8236322 4029541	0.0	0.0	1.5819317	253.21211	312.37292 48046875	88.870231		20.434604	6.7830533	216.54919	298.31469 7265625	68.843734		15.586967 46826171 9	5.1479907 03582764	970.0	212.853	2430	2436	2441		2022-06- 04T17:26: 24	33.0	20220604-19
3915	nw_sup_c hange																			966.5	212.156	0	2394	2394	2022-06- 04T17:25: 53	2022-06- 04T17:25: 53	33.2	
3914	nw_inf_ch ange																			965.6	211.712	0	2386	2390	2022-06- 04T17:25: 45	2022-06- 04T17:25: 45	33.1	
3913	reeling_ex change	101.25308 22753906 2	22.878107 07092285	3.9457569 12231445 3	0.0	0.0	1.2914466 85791015 6	208.55111 69433593 8	257.22650 14648437 5	73.190948 48632812	0.0	16.813392 63916015 6	5.5690779 68597412	178.21400 45166015 6	245.71176 14746093 8	56.662586 2121582	0.0	12.806440 35339355 5		960.3	210.975	2384	2394	2394	2022-06- 04T15:07: 51	2022-06- 04T16:16: 27	33.1	20220604-18
3912		79.624275 20751953				0.0	1.0162057 87658691 4	164.57884 21630859 4	203.00260 92529297	57.758117 67578125	0.0				193.78236 38916015 6			33294677	3.3403913 97476196 3		210.675	2384	2397	2397			33.1	20220604-17
3911		57.990722 65625				0.0		100 710 10				9.7911911 01074219						7.4646229 74395752	2.4411139 48822021 5	969.4	212.905	2408	2410	2414	2022-06- 04T12:49:		32.9	20220604-16
3910	nw_sup_c hange																			964.3	211.232	0	2389	2392	2022-06-	2022-06- 04T13:58:	32.6	
3909	nw_inf_ch ange																			964.3	211.143	0	2389	2392	2022-06- 04T13:58:	2022-06- 04T13:58: 35	32.8	
3908	reeling_ex change	35.993709 56420898	8.1046361 92321777	1.4001920 22323608	0.0	0.0	0.4619873 76213073	75.952285 76660156	93.702247 6196289	26.648790 35949707	0.0	6.1459612 84637451	2.0497303 00903320	64.905662 5366211	89.798995 97167969	20.648221 96960449	0.0	4.7471613 88397217	1.5417830 94406128	974.5	213.498	2385	2386	2390		2022-06- 04T12:49:	32.7	20220604-15

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3908	reeling_ex change		8.1046361 92321777	4	0.0	0.0	73	76660156	93.702247 6196289	35949707	0.0	6.1459612 84637451	3	5366211	9/10/909		0.0		34400120		213.498	2385	2386	2390	21	58	32.7	20220604-15
3907	reeling_ex change	2	3.3343083 85848999	0.5654162 76454925 5		0.0	0.1855159 10387039 18	31.953660 96496582	39.426849 36523437 5	11.219245 91064453 1	0.0	2.5632889 27078247	0.8654726 74369812	26.991439 81933593 8	37.156120 30029297	8.5863800 04882812	0.0	1.9630620 47958374	0.6395587 32509613	970.1	211.6	2384	2392	2394		2022-06- 04T11:41: 21	32.6	20220604-14
3906	reeling_ex change	202.68106 07910156 2	46.049556 73217773 4	7.6127176 28479004	0.0	0.0	2.5917780 39932251	423.28256 22558594	522.10076 90429688	148.47706 60400390 6	0.0	34.081466 67480469	11.281280 51757812 5	362.28979 4921875	502.65414 42871094	115.25161 74316406 2	0.0	26.248174 6673584	8.6464223 86169434	980.3	215.093	2450	2452	2456	2022-06- 04T09:22: 15	2022-06- 04T10:32: 46	33.0	20220604-13
3905	nw_sup_c hange																			975.9	212.55	0	2389	2392		2022-06- 04T10:32: 11	33.1	
3904	nw_inf_ch ange																			975.4	213.398	0	96	96		2022-06- 04T10:32: 05	32.6	
3903	reeling_ex change	180.42221 06933593 8	40.969642 63916015 6	6.7442917 8237915	0.0	0.0	2.3089630 60379028 3	377.80731 20117187 5	465.99581 90917969	132.52999 87792968 8	0.0	30.442832 94677734 4	10.085146 9039917	323.29666 13769531	448.81024 16992187 5	102.85083 77075195 3	0.0	23.410379 40979004	7.7114572 52502441	969.6	211.69	2385	2389	2392	2022-06- 04T08:13: 39	2022-06- 04T09:22: 15	32.8	20220604-12
3902		159.55854 79736328				0.0	2.0435175 89569092	333.97470 09277344	411.92846 6796875	117.14933 01391601 6	0.0	26.877708 43505859 4	8.9226903 91540527	285.86779 78515625	396.73095 703125	90.925865 17333984	0.0	20.762495 04089355 5	6.8291158 67614746	968.3	209.793	2384	2398	2398	2022-06- 04T07:05: 05	2022-06- 04T08:13: 39	33.1	20220604-11
3901	reeling_ex change	139.48196 41113281 2	31.725450 51574707	5.1433553 69567871	0.0	0.0	1.7814972 40066528 3	289.81347 65625	357.45144 65332031	101.66342 92602539	0.0	23.309663 77258300 8	7.7574315 07110596	248.17723 08349609 4	344.64739 99023437 5	78.947052 00195312	0.0	18.048097 61047363 3	5.9152517 31872559	928.6	194.979	2187	2197	2197	2022-06- 04T06:02: 16	2022-06- 04T07:05: 05	32.6	20220604-10
3900	nw_sup_c hange																			923.8	191.002	0	96	96		2022-06- 04T07:04: 30	33.0	
3899	nw_inf_ch ange																			922.9	190.646	0	2418	2417	2022-06- 04T07:04: 23	2022-06- 04T07:04: 23	33.1	
3898		118.93344 87915039				0.0	5	2426/5/8	306.63479 61425781	9272461		19.995731 35375976 6	6.6468496 32263184	213.15119 93408203	296.25253 29589844	67.810630 79833984	0.0	15.473875 04577636 7	5.0788965 22521973	195.9	7.26562	95	96	96	2022-06- 04T05:59: 21	2022-06- 04T06:02: 16	33.2	20220604-09
3897	reeling_ex change	118.68394 47021484 4	27.015285 49194336	4.3340024 94812012	0.0	0.0		246.83360 29052734 4	304.43829 34570312 5	86.601730 34667969	0.0	19.868389 12963867 2	6.6210389 13726807	211.45320 12939453	293.89172 36328125	67.264785 76660156	0.0	8	5.0248699 18823242	979.3	222.888	2410	2420	2420	2022-06- 04T04:50: 01	2022-06- 04T05:59: 21	32.5	20220604-08
3896	reeling_ex change	95.972816 46728516	21.817255 0201416	3.4766135 21575927 7	0.0	0.0			247.05578 61328125			16.095947 265625	5.3751540 184021	171.59109 49707031 2	238.50639 34326172	54.589424 13330078	0.0	12.425237 65563964 8	4.0805835 72387695	983.3	223.78	2410	2424	2423		2022-06- 04T04:50: 01	33.2	20220604-07
3895	reeling_ex change	73.721138 00048828	16.753095 62683105 5	2.6506323 81439209	0.0	0.0	0.9488941 43104553 2	154.08380 12695312 5	190.02235 41259765 6	54.062011 71875	0.0	12.385662 07885742 2	4.1195797 92022705	132.12487 79296875	183.57629 39453125	42.033504 48608398 4	0.0	555517	3.1385421 75292968 8	198.5	7.69785	96	97	97	2022-06- 04T03:37: 57	2022-06- 04T03:40: 50	32.6	20220604-06
3894	reeling_ex change	73.336967 46826172	16.658290 86303711	2.6298732 75756836	0.0	0.0	0.9405370 35465240 5	152.31669 61669922	187.82868 95751953	53.443672 18017578	0.0	12.257680 89294433 6	4.0671143 53179932	130.17596 43554687 5	180.88743 59130859 4	41.410755 1574707	0.0	9.4457426 071167	3.0847911 83471679 7	956.4	215.413	2298	2308	2304	2022-06- 04T02:31: 48	2022-06- 04T03:37: 57	32.8	20220604-05
3893	nw_sup_c hange																			952.9	212.209	0	2418	2417	2022-06- 04T03:37: 24	2022-06- 04T03:37: 24	33.2	
3892	nw_inf_ch ange																			951.9	213.331	0	2413	2420		2022-06- 04T03:37: 18	32.7	
3891	reeling_ex change	51.056735 99243164	11.637581 82525634 8	1.8220894 33670044	0.0	0.0	02000241	00400020	131.29766 84570312 5	37.345554 35180664	0.0	8.5535364 15100098	2.8307454 58602905 3	91.541870 1171875	127.01638 79394531 2	29.117267 60864257 8	0.0	6.6729321 47979736	2.1721675 39596557 6	981.5	230.449	2410	2418	2417	2022-06- 04T01:22: 38	2022-06- 04T02:31: 48	33.1	20220604-04
3890	reeling_ex change	27.763280 86853027 3	6.3445339 20288086	0.9991249 44210052 5	0.0	0.0			72.166030 88378906			4.6634144 78302002	1.5545152 42576599 1	50.321086 88354492	69.814460 75439453	16.000701 90429687 5	0.0	3.7081651 68762207	1.1803718 80531311	203.8	8.40284	102	102	102		2022-06- 04T01:22: 38	33.0	20220604-03
3889	reeling_ex change	27.360466 00341797	6.2493801 11694336	0.9781619 90642547 6	0.0	0.0	0.3598772 58539199 83	56.340095 52001953	69.491355 8959961	19.763294 21997070 3	0.0	4.5357222 55706787	1.5009995 69892883 3	48.098220 82519531	66.728446 96044922	15.298240 66162109 4	0.0		1.1267067 19398498 5	985.9	235.207	2410	2415	2421		2022-06- 04T01:19: 31	32.7	20220604-02
3888	reeling_ex change	3.4009485 24475097 7	0.7785921 09680175 8	0.1161224 32053089 14	0.0	0.0	0.0505026 24362707 14	7.7842664 71862793	9.6088085 17456055	2.7258923 05374145 5	0.0	0.6390276 55124664 3	0.1880430 13215065	6.5481233 59680176	9.0536136 62719727	2.0733449 45907592 8	0.0		0.1608990 43083190 92	946.4	224.042	2290	2292	2300	03T23:04:	2022-06- 04T00:10: 14	32.7	20220604-01
3887	nw_inf_ch ange																			941.8	222.491	0	2396	2402		2022-06- 04T00:09: 35	32.8	
3886	nw_inf_ch ange																			941.8	222.491	0	2396	2402	04T00:09:	2022-06- 04T00:09: 35	32.8	
3885	reeling_ex change	454.08532 71484375	99.993286 1328125	16.221815 10925293	0.0	0.0	5.7616343 49822998	693.58697 50976562	1123.0428 46679687 5	535.74200 43945312	0.0				1111.9957 27539062 5			57.907272 33886719	19.179294 58618164	972.7	232.276	2410	2413	2420		2022-06- 03T23:04: 18	32.7	20220603-22
3884	reeling_ex change	430.05191 04003906	94.472251 89208984	15.364134 78851318	0.0	0.0	5.4587888 71765137	644.64691 16210938	1062.6925 04882812	518.58160 40039062	0.0	69.293304 44335938	23.026763 91601562	561.41113 28125	1053.9007 56835937	419.78366 08886719	0.0	54.908157 34863281	18.184499 74060058	211.7	9.56372	113	113	114	2022-06- 03T21:51:	2022-06- 03T21:55:	33.1	20220603-21

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3884		430.05191 04003906			0.0	0.0	5.4587888 71765137	16210938		518.58160 40039062		69.293304 44335938	5	561.41113 28125	5	419.78366 08886719	0.0	54.908157 34863281	6	211.7	9.56372	113	113	114	43	07	33.1	20220603-21
3883	reeling_ex change	428.05828 85742187 5	94.021003 72314453	15.291213 98925781 2	0.0	0.0	5.4334044 45648193	642.37805 17578125	1059.8790 28320312 5	517.78289 79492188	0.0	69.165023 80371094	22.971107 48291015 6	559.13952 63671875	1050.7440 18554687 5	419.05737 3046875	0.0	54.703815 46020508	18.130704 87976074 2	972.7	230.959	2409	2416	2421	2022-06- 03T20:42: 25	2022-06- 03T21:51: 43	32.7	20220603-20
3882		404.12145 99609375			0.0	0.0	5.1279640 19775391	593.95697 02148438	1000.1574 09667968 8	500.80242 91992187 5	0.0	65.244758 60595703	21.687589 64538574 2	517.54266 35742188	993.18981 93359375	405.82150 26855469	0.0		17.135086 05957031 2	970.5	234.802	2430	2431	2439	2022-06- 03T19:32: 27	2022-06- 03T20:42: 25	33.2	20220603-19
3881	nw_sup_c hange																			966.5	233.388	0	2396	2402	2022-06- 03T20:41: 52	2022-06- 03T20:41: 52	33.1	
3880	nw_inf_ch ange																			966.1	233.21	0	2405	2403	2022-06- 03T20:41: 45	2022-06- 03T20:41: 45	32.9	
3879	reeling_ex change	379.97314 453125	83.137054 44335938	13.586007 11822509 8	0.0	0.0	4.8212795 25756836	544.77990 72265625	939.51953 125	483.54833 984375	0.0	61.318534 85107422	20.352933 88366699 2	475.97930 90820312 5	935.62200 92773438	392.60852 05078125	0.0	48.702732 08618164	16.138538 36059570 3	964.8	229.604	2394	2396	2402	2022-06- 03T18:23: 34	2022-06- 03T19:32: 27	33.2	20220603-18
3878	reeling_ex change	356.44021 60644531	77.835784 91210938	12.743804 93164062 5	0.0	0.0	4.5128602 98156738	497.17044 06738281	880.80883 7890625	466.84619 140625	0.0			434.94439 69726562 5				45.713550 56762695	15.176156 99768066 4	960.8	231.914	2394	2402	2404	2022-06- 03T17:14: 46	2022-06- 03T18:23: 34	33.3	20220603-17
3877	reeling_ex change	333.00421 14257812 5	72.550407 40966797	. 11.899126 05285644 5	0.0	0.0	4.2143020 62988281	449.38476 5625	821.87707 51953125	450.08624 26757812 5	0.0	E2 650522	17 000050	394.10220 33691406		200 50200		42.805488 58642578	14.195149 42169189 5	748.8	140.897	1452	1456	1456	2022-06- 03T16:32: 53	2022-06- 03T17:14: 46	33.0	20220603-16
3876	nw_sup_c hange																			744.8	139.324	0	2405	2403	2022-06- 03T17:14: 17	2022-06- 03T17:14: 17	33.0	
3875	nw_inf_ch ange																			743.5	138.93	0	2400	2400	2022-06- 03T17:14: 10	2022-06- 03T17:14: 10	32.7	
3874	reeling_ex change	318.63143 92089844	69.317985 53466797	11.382277 48870849 6	0.0	0.0	4.0355262 75634766	419.86224 36523437 5	785.47686 76757812	439.73583 984375	0.0	51.278755 18798828	17.005285 26306152 3	369.61215 20996094	786.82690 4296875	358.78784 1796875	0.0	41.046001 43432617	13.588687 89672851 6	975.8	231.293	2394	2405	2403	2022-06- 03T15:24: 02	2022-06- 03T16:32: 53	33.2	20220603-15
3873	reeling_ex change	295.09548 95019531	64.021575 92773438	10.531573 29559326 2	0.0	0.0	3.7322809 69619751	372.02871 70410156	726.44891 35742188	422.94778 44238281	0.0			328.70819 09179687 5				38.066093 44482422	12.619269 37103271 5	951.7	219.012	2268	2269	2274	2022-06- 03T14:18: 45	2022-06- 03T15:24: 02	32.8	20220603-14
3872	nw_sup_c hange																			945.8	219.759	0	2400	2400	2022-06- 03T15:23: 23	2022-06- 03T15:23: 23	32.5	
3871	nw_inf_ch ange																			944.9	219.364	0	2264	2293	2022-06- 03T15:23: 16	2022-06- 03T15:23: 16	32.9	
3870	reeling_ex change	272.23239 13574219	58.874362 94555664	9.7172822 9522705	0.0	0.0	3.4408600 33035278 3	327.08163 45214844	671.00781 25	407.19104 00390625	0.0	43.870445 25146484 4	14.533658 98132324 2	289.95172 11914062 5	675.47113 03710938	333.47116 08886719	0.0		11.685682 29675293	983.7	234.278	2395	2400	2400	2022-06-		33.1	20220603-13
3869	reeling_ex change	248.28929 13818359 4	53.484786 98730469	8.8855066 29943848	0.0	0.0	3.1386654 37698364 3	277.86816 40625	610.26666 25976562	389.94122 31445312 5	0.0	39.881782	13.219753	248.05216 97998047	616.87408	320.13363		32.228698 73046875	10.674887 65716552 7	981.5	235.206	2395	2404	2404	2022-06- 03T12:01: 05	2022-06- 03T13:09: 50	32.7	20220603-12
3868				7.9727768 89801025		0.0				372.45547 48535156		35.833026 88598633	11.885244 36950683 6	205.67765 80810547	557.76196 2890625	306.65579 22363281	0.0	29.146251 67846679 7	9.6586818 69506836	236.3	11.7016	134	135	135	2022-06- 03T11:57: 16	2022-06- 03T12:01: 05	32.8	20220603-11
3867				7.9419322 01385498		0.0				371.58670 04394531		35.636234 28344726 6	11.833000 18310546 9	203.00277 70996093 8	554.06933 59375	305.82052 61230469	0.0	29.009101 86767578	9.6066398 62060547	112.6	59.2659	609	598	580	2022-06- 03T09:48: 30	2022-06- 03T11:57: 16	32.7	20220603-10
3866	nw_sup_c hange																			112.6	56.1716	0	2264	2293	2022-06- 03T11:56: 12	2022-06- 03T11:56: 12	32.6	
3865	nw_inf_ch ange																			112.6	55.3232	0	2368	2401	2022-06-		32.7	
3864	reeling_ex change	208.66902 16064453	44.420005 79833984 4	7.3771724 70092773	0.0	0.0	2.6320436 00082397 5	202.22624 20654297	513.91992 1875	360.09545 8984375	0.0	33.598690 03295898 4	11.148883 81958007 8	183.37211 60888672	523.26519 77539062	296.68499 75585937 5	0.0	27.362430 57250976 6		956.4	234.467	2288	2264	2293	2022-06-		32.7	20220603-09
3863	nw_sup_c hange																			176.0	237.206	0	2368	2401	2022-06-	2022-06- 03T09:48: 48	32.8	
3862	nw_inf_ch ange																			964.8	237.214	0	2366	2401	2022-06-	2022-06- 03T09:48: 36	32.9	
3861	reeling_ex change	185.54547 11914062	39.518856 04858398 4	6.5702857 97119141	0.0	0.0	2.3395843 50585937	179.23144 53125	455.48980 71289062	319.11624 14550781	0.0	29.800535 20202636 7	9.8860235 2142334	162.92657 47070312 5	464.50146 484375	263.52786 25488281	0.0	24.353788 37585449	8.0475721 35925293	981.2	243.206	2394	2368	2401	2022-06-		32.8	20220603-08
3860	reeling_ex	160.47290	34.190303	5.7083773 61297607	0.0	0.0				276.79217 52929687		25.890340	8.5563516	141.48731 99462890	402.82553	228.87184		21.155149 45983886	7.0017576 21765137	950.7	231.507	2267	2239	2274	2022-06-	2022-06- 03T07:33:	32.9	20220603-07

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3860	reeling_ex change	160.47290 0390625	4	5.7083773 61297607	0.0	0.0	2.0273506 64138794	6	5	5	0.0	25.890340 80505371		6	402.82553 10058594	6	0.0	7	7.0017576 21765137	950.7	231.507	2267	2239	2274	33	49	32.9	20220603-07
3859	nw_sup_c hange																			947.1	228.809	0	2366	2401	2022-06- 03T07:33: 17	2022-06- 03T07:33: 17	32.8	
3858	nw_inf_ch ange																			945.8	228.193	0	2376	2408		2022-06- 03T07:33: 08	33.0	
3857	reeling_ex change	137.70004 27246093 8	29.348863 60168457	4.9208703 04107666	0.0	0.0	1.7373657 2265625	133.04936 21826172	338.16262 81738281	236.83158 87451172	0.0	22.137708 66394043	7.3516378 40270996	121.22206 87866211	344.46733	196.09642 02880859 4	0.0	18.144865 03601074 2		980.6	244.703	2394	2366	2401	2022-06- 03T05:19: 41	2022-06- 03T06:28: 33	32.7	20220603-06
3856		112.66628 26538086				0.0	1.4285445 21331787	109.31179 80957031 2	277.83419 79980469	194.57307 43408203	0.0	18.138189 3157959	6.0331749 91607666	99.721191 40625	283.07730 10253906	161.29975 89111328	0.0	14.941096 30584716 8	4.9526624 67956543	979.7	245.327	2394	2370	2404	03T04:10:	2022-06- 03T05:19: 41	32.8	20220603-05
3855	reeling_ex change	88.875724 79248047	18.935745 23925781 2	3.0871057 51037597 7	0.0	0.0	1.1272816 65802002	85.724922 18017578	217.86705 01708984 4	152.56211 85302734 4	0.0	14.217887 87841796 9	4.7466506 95800781	78.226875 30517578	221.85769 65332031 2	126.48790 74096679 7	0.0	11.755297 66082763 7	3.8772356 51016235 4	960.7	233.014	2304	2283	2315	2022-06- 03T03:04: 24	2022-06- 03T04:10: 51	32.7	20220603-04
3854	nw_sup_c hange																			952.4	230.523	0	2376	2408	2022-06- 03T04:10: 02	2022-06- 03T04:10: 02	33.0	
3853	nw_inf_ch ange																			951.1	229.911	0	2357	2395	2022-06- 03T04:09: 54	2022-06- 03T04:09: 54	33.1	
3852	reeling_ex change	64.774131 77490234	13.782243 72863769 5	2.2435698 50921631	0.0	0.0	0.8192444 44370269 8	63.118663 7878418	160.41471 86279297	112.30543 51806640 6	0.0	10.480674 74365234 4	3.4828331 4704895	57.604663 84887695	163.29151 91650390 6	93.156593 3227539	0.0	8.6171588 89770508	2.8468847 27478027 3	977.5	240.153	2394	2376	2408		2022-06- 03T03:04: 24	32.7	20220603-03
3851	reeling_ex change	41.584720 61157226 6	8.8172073 36425781	1.4535646 43859863 3	0.0	0.0	0.5267894 26803588 9	39.705680 84716797	100.92921 44775390 6	70.654731 75048828	0.0	6.6026835 44158935 5	2.2033808 23135376	36.215530 39550781	102.54127 50244140 6	58.536529 54101562 5	0.0	5.4099941 25366211	1.7988462 44812011 7	974.9	240.709	2394	2376	2408	2022-06- 03T00:46: 29	2022-06- 03T01:55: 23	32.8	20220603-02
3850	reeling_ex change	17.092224 12109375	3.6204392 91000366	0.5921634 43565368 7	0.0	0.0	0.2158908 69498252 87	16.193935 39428711	41.180969 23828125	28.829235 07690429 7	0.0	2.7196617 12646484 4	0.9146059 15546417 2	14.744691 84875488 3	41.730998 99291992	23.847227 09655761 7	0.0		0.7397745 84770202 6	966.1	234.286	2354	2329	2366	2022-06- 02T23:38: 36	2022-06- 03T00:46: 29	32.7	20220603-01
3849	nw_sup_c hange																			962.1	233.363	0	2357	2395	2022-06- 03T00:45: 54	2022-06- 03T00:45: 54	32.9	
3848	nw_inf_ch ange																			961.2	232.852	0	2368	2406	2022-06- 03T00:45: 48	2022-06- 03T00:45: 48	32.9	
3847	reeling_ex change	340.48181 15234375	72.077880 859375	12.002335 54840087 9	0.0	0.0	4.2943520 54595947	389.42480 46875	833.02758 7890625	546.39001 46484375	0.0	55.254913 33007812 5	18.301433 56323242 2	348.42733 76464844	836.76312 25585938	444.52569 58007812 5	0.0	44.447002 41088867	14.667964 93530273 4	970.0	235.321	2394	2357	2395	2022-06- 02T22:30: 01	2022-06- 02T23:38: 36	32.6	20220602-22
3846	reeling_ex change	316.55593 87207031	67.068687 43896484	11.163486 48071289	0.0	0.0	3.9855897 42660522 5					51.377063 7512207	17.030117 03491211	327.31823 73046875	777.04913 33007812	410.42868 04199219	0.0	41.375537 87231445	13.642325 40130615 2	968.7	235.876	2394	2361	2401		2022-06- 02T22:30: 01	33.1	20220602-21
3845	reeling_ex change	291.85385 13183594	61.876308 44116211	10.316208 83941650 4	0.0	0.0	3.6742932 79647827	342.82708 74023437 5	714.52618 40820312	463.43563 84277344	0.0	47.500507 35473633	15.744709 01489257 8	306.01184 08203125	716.60101 31835938	375.97778 3203125	0.0	38.174831 39038086	12.584761 61956787 1	958.6	230.699	2297	2260	2294	2022-06- 02T20:15: 39	2022-06- 02T21:21: 29	33.2	20220602-20
3844	nw_sup_c hange																			954.6	227.614	0	2368	2406		2022-06- 02T21:20: 55	32.9	
3843	nw_inf_ch ange																			953.7	227.211	0	2375	2421	2022-06- 02T21:20: 48	2022-06- 02T21:20: 48	32.7	
3842		268.85601 80664062 5				0.0	3.3810589 31350708	320.12268 06640625	656.85241 69921875	423.00833 12988281	0.0	43.728324 89013672	14.487081 52770996 1	285.54757 69042969	658.43212 890625	342.91046 14257812 5	0.0	35.114505 76782226 6	11.582650 18463134 8	976.2	242.162	2394	2368	2406	2022-06- 02T19:07: 05	2022-06- 02T20:15: 39	32.7	20220602-19
3841	reeling_ex change	244.17901 61132812 5	51.758773 80371094	8.6636333 46557617	0.0	0.0	3.0683929 92019653 3	296.47711 18164062 5	596.78381 34765625	380.93817 13867187 5	0.0				597.84075 92773438			27807617	10.521354 67529296 9	973.4	240.324	2394	2383	2430	2022-06- 02T17:58: 32	2022-06- 02T19:07: 05	33.2	20220602-18
3840	reeling_ex change	219.49626 15966797	46.527580 26123047	7.8153691 29180908	0.0	0.0	2.7535324 09667968 8	273.08676 14746094	537.35040 28320312	339.19644 16503906	0.0	35.904060 36376953	11.902016 63970947 3	242.87135 31494140 6	536.93170 16601562	273.81344 60449219	0.0	28.746841 43066406 2	9.4851150 51269531	953.4	227.162	2299	2281	2324		2022-06- 02T17:58: 32	33.0	20220602-17
3839	nw_sup_c hange																			944.9	224.174	0	2375	2421	2022-06- 02T17:57: 56	2022-06- 02T17:57: 56	33.1	
3838	nw_inf_ch ange																			944.0	223.777	0	2366	2424	02T17:57:	2022-06- 02T17:57: 49	32.8	
3837	reeling_ex change	196.28163 14697265 6	41.668529 51049805	6.9972643 85223389	0.0	0.0	2.4576194 28634643 6	90923828	03125	5		30859375	76861572 3	13037109 4		27587890 6	0.0	25.675439 83459472 7	8.4917259 2163086	970.0	239.014	2393	2375	2421	2022-06- 02T15:44: 04	2022-06- 02T16:52: 39	33.0	20220602-16
3836		171.48858 64257812			0.0	0.0	2.1474575 99639892	216.22987 36572265	420.43847 65625	263.80172 72949219	0.0	28.168592 45300293	9.3164482 11669922	192.41612 24365234	420.55566 40625	213.10449 21875	0.0		7.4408497 81036377		234.403	2394	2378	2425	2022-06- 02T14:35:	2022-06- 02T15:44:	32.6	20220602-15

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3836	reeling_ex change		4	6.1493163 10882568		0.0		6	00020				11009922		420.55566 40625	210/3		22.475708 0078125	7.4408497 81036377	973.1	234.403	2394	2378	2425	32	04	32.6	20220602-15
3835	Kiilig	6	6	120473		0.0	2.0221583 8432312	205.10412 59765625	398.80316 16210937 5	250.21885 68115234 4	0.0	26.673332 21435547	8.8196706 77185059	182.35279 84619140 6	398.54080 20019531	201.94906 61621093 8	0.0	9	92000711		151.789	0	0	0	2022-06- 02T15:19: 35	2022-06- 02T15:19: 35	32.6	
3834	state_wor king	161.59693 90869140 6	34.340885 16235351 6	5.8011155 128479	0.0	0.0				250.21885 68115234 4		26.673332 21435547	8.8196706 77185059	182.35279 84619140 6	398.54080 20019531	201.94906 61621093 8	0.0	21.315900 80261230 5	7.0417079 92553711	773.4	151.789	0	0	0		2022-06- 02T15:19: 30	32.6	
3833	state_wor king	90869140	34.340885 16235351 6	5.8011155 128479	0.0	0.0				250.21885 68115234 4		26.673332 21435547						21.315900 80261230 5	7.0417079 92553711	773.4	151.789	0	0	0	2022-06- 02T15:19: 25	2022-06- 02T15:19: 25	32.6	
3832	reeling_ex change	146.94886 77978515		5.2922830 58166504	0.0	0.0				226.77464 29443359 4		24.201408 38623047					0.0	19.336908	6.3841667 17529297	946.7	222.761	2256	2230	2285	2022-06-	2022-06- 02T14:35: 32	32.6	20220602-14
3831	nw_sup_c hange	Ü	Ü							-				·		,				941.4	221.763	0	2366	2424	2022-06-	2022-06- 02T14:34:	33.0	
3830	nw_inf_ch ange																			941.0	218.621	0	2217	2256	2022-06- 02T14:34:	50 2022-06- 02T14:34:	32.8	
3829	reeling ex	123.10688 78173828	26.214988 70849609	4.4785585 40344238	0.0	0.0	1.5412875 41389465	157.00811 76757812	305.31164 55078125	191.47828 67431640	0.0	20.432582	6.7686700 82092285	139.47460 9375	304.77325 43945312	154.42991 63818359	0.0	16.269430 16052246	5.4004378 31878662	976.7	235.513	2394	2366	2424		02T13:30:	32.7	20220602-13
3828	reeling_ex	99.910385 13183594		3.6799187 66021728		0.0	1.2584565	126.64142	246.28538		0.0	16.549341 20178222 7			5 245.38317 87109375	124.35462 18872070	0.0	40 404050	4.3460063 93432617	985.9	234.475	2394	2371	2422	02T11:13:	53 2022-06- 02T12:22:	33.1	20220602-12
3827	-	75.725921 63085938	8 16.071128 84521484	5 2.8428986 07254028	0.0	0.0	9 0.9515808 82072448	96.154571 53320312	4 186.98934 93652343	117.18636 32202148 4	0.0	12.543678	4.45.40000	05.000044	186.48213 19580078	0.4.5000000		9.9843521	3.2975063 32397461		206.602	2130	2106	2143	2022-06- 02T10:12:	02T11:13:	32.7	20220602-11
3826	nw_sup_c	0000000	4	3			7	30320312	8	4		6	01010040	73037030	13000070	30410100		11010400	02007401	912.7	205.575	0	2217	2256		45 2022-06- 02T11:13:	32.7	
3825	nw_inf_ch																			911.9	205.181	0	2350	2334	2022-06-	07 2022-06- 02T11:12:	32.8	
3824	reeling_ex	54.372482 29980469	11.552525	2.1087512	0.0	0.0	0.6849329	68.848686	133.88066	83.886520	0.0	8.9946489 33410645	2.9592399	60.913341	133.09573	67.439178	0.0	7.1247959	2.3577904	044.5		2243	2217	2256	59 2022-06-	59 2022-06- 02T10:12:		20220602-10
						0.0	5	21826172	10107422	38574219								13090209	70123291						25 2022-06-	41 2022-06-		
3823		32.454921 72241211				0.0			89941406 21.175825	48.710826 8737793	0.0	5.1843347 54943848						4.1230025 29144287	34872436 5 0.3832549		223.286	2244	2224	2272	02T08:04: 16 2022-06-	02T09:08: 25	32.7	20220602-09
3822	change		4	24		0.0	35484313 96	83551025 4	11901855 5	42321777 3					20.456104 27856445 3			76583862 3	75080490 1		46.7606	494	478	488	02T06:49: 35	02T08:04: 16	33.0	20220602-08
3821	reeling_ex change	167.33273 31542968 8	8.5518655 77697754	5.4597911 8347168	0.0	0.0	04507446 3	255.27775 57373047	372.31753 54003906	135.43527 22167968 8	0.0	23.775291 44287109 4	7.9033827 78167725	90820312 5	26757812 5	47143554 7	0.0	18.557329 17785644 5	6.1416821 47979736	949.3	213.349	2271	2228	2213	22	02T06:49: 35	38.0	20220602-07
3820	nw_sup_c hange																			1200.0	216.565	0	2350	2334		2022-06- 02T06:49: 47	38.3	
3819	nw_inf_ch ange																			958.4	213.984	0	2122	2104	2022-06- 02T06:49: 42	2022-06- 02T06:49: 42	37.5	
3818	reeling_ex change	142.86343 38378906 2	7.3146734 2376709	4.6525259 01794434	0.0	0.0	1.5691339 96963501	215.08091 73583984 4	313.67257 69042969	114.11187 74414062 5	0.0	20.045787 81127929 7	6.6743140 22064209	186.01664 73388672	300.98840 33203125	89.542343 13964844	0.0	15.606303 21502685 5	5.1903319 35882568	978.2	225.573	2396	2350	2334	2022-06- 02T04:54: 05	2022-06- 02T05:53: 22	38.3	20220602-06
3817	reeling_ex change	116.16149 13940429 7	5.9727573 39477539	3.7888288 49792480 5	0.0	0.0	1.2772885 56098938	173.08370 97167968 8	252.41372 68066406 2	91.843299 86572266	0.0	16.164997 10083007 8	5.3577828 4072876	149.98698 42529297	242.04296 875	72.199829 1015625	0.0	12.590000 15258789	4.1904525 75683594	981.9	224.397	2396	2350	2335	2022-06- 02T03:54: 50	2022-06- 02T04:54: 05	38.1	20220602-05
3816	reeling_ex change	90.144981 38427734	4.6417503 35693359	2.9415352 34451294	0.0	0.0	0.9943556 78558349 6	131.62870 78857422	191.96553 03955078	69.871177 67333984	0.0	12.236901 28326416	4.0904464 72167969	113.72969 05517578 1	182.87733 45947265 6	54.744060 51635742	0.0	9.5748434 06677246	3.1886360 64529419	908.3	195.354	2087	2047	2027	2022-06- 02T03:03: 05	2022-06- 02T03:54: 50	37.6	20220602-04
3815	nw_sup_c hange																			903.1	193.179	0	2122	2104		2022-06- 02T03:54: 16	37.5	
3814	nw_inf_ch ange																			902.6	192.749	0	220	220	2022-06- 02T03:54:	2022-06- 02T03:54: 11	38.1	
3813	reeling_ex change	67.955986 02294922	3.4998190 40298462	2.2213540 07720947	0.0	0.0	0.7498437 16621398	94.940986 63330078	138.43942 26074218	50.401149 74975586	0.0	8.8413314 81933594	2.9490725 99411010 7	82.166801 45263672	131.38053 89404297	39.545913 69628906	0.0	6.8963584 89990234	2.3089120 38803100 6	926.4	204.474	2165	2122	2104	2022-06-		37.8	20220602-03
3812	!:	44.599552 15454101	0.0447050	4 4400007		0.0				30.378190 99426269		5.3257603	1.7833275	49.791664	78.708557 12890625	23.965820		4.2316722 86987305	1.3981654 64401245	926.0	202.047	2165	2121	2110	0000 00	2022-06- 02T02:09:	37.8	20220602-02

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3812	reeling_ex change		7	5	0.0	0.0		56274414	83.369491 57714844	5	0.0		7 3 4 3 0 2 3 1		78.708557 12890625	3125		4.2316722 86987305	1	926.0	202.047	2165	2121	2110	55	25	37.8	20220602-02
3811	reeling_ex change	21.097780 22766113 3	1.1238005 1612854	0.6876804 23259735 1	0.0	0.0	0.2387201 48801803 6	19.243940 35339355 5	28.036315 91796875	10.226601 60064697 3	0.0			16.647756 57653808 6	25.723855 97229004	7.9935894 01245117	0.0	1.4321734 90524292	0.4764493 10779571 53	532.9	59.3783	678	672	668	2022-06- 01T23:55: 09	2022-06- 02T01:15: 55	37.8	20220602-01
3810	reeling_ex change	695.90820 3125	37.337509 15527344	22.126472 47314453	0.0	0.0	7.6153602 60009766	1052.4278 56445312 5	1367.7960 20507812 5	727.02221 6796875	0.0	99.835525 51269531	33.041637 4206543	952.87554 93164062	1312.1215 8203125	596.71752 9296875	0.0	79.725685 1196289	26.420949 93591308 6	760.4	137.333	1460	1428	1424	2022-06- 01T23:18: 59	2022-06- 01T23:55: 09	37.5	20220601-35
3809	nw_sup_c hange																			754.5	136.511	0	220	220	2022-06- 01T23:54: 40	2022-06- 01T23:54: 40	38.3	
3808	nw_inf_ch ange																			753.6	136.126	0	2548	2530		2022-06- 01T23:54: 35	37.6	
3807	reeling_ex change	680.80364 99023438	36.550819 39697265 6	21.637643 81408691 4	0.0	0.0	7.4490013 12255859	1027.9959 71679687 5	1332.1704 1015625	714.01416 015625	0.0	97.546821 59423828	32.274578 09448242	930.93688 96484375	1278.1933 59375	586.14715 57617188	0.0	77.884872 43652344	25.813402 17590332	330.7	20.3634	227	220	220	2022-06- 01T23:05: 19	2022-06- 01T23:18: 59	37.9	20220601-34
3806	reeling_ex change	674.97747 80273438	36.236873 62670898 4	21.445158 00476074 2	0.0	0.0	7.3877286 91101074	1020.2581 78710937 5	1320.9071 04492187 5	709.91662 59765625	0.0	96.693351 74560547	31.987556 45751953	926.76580 81054688	1271.7365 72265625	584.13159 1796875	0.0	77.544342 04101562	25.707872 39074707	520.3	45.9935	648	634	632		2022-06- 01T23:05: 19	4.9	20220601-33
3805	rooling ov	666.40191 65039062	35 715333	21.141368		0.0	7.2912902	1015.7192		707.49871		94.875938 41552734	31.365192 41333007 8	916.28765 86914062	1255.6329 34570312 5	579.09759 52148438	0.0	76.659370 42236328	25.417528 15246582	987.9	223.202	2396	2345	2338		2022-06- 01T22:45: 39	38.2	20220601-32
3804	reeling_ex change	640.57073 97460938	34.348262 78686523 4	20.290775 29907226 6	0.0	0.0	7.0090708 73260498	974.95153 80859375	1254.8537 59765625	685.83624 26757812	0.0	91.048439 0258789	30.118324 27978515 6	880.07836 9140625	1199.8634 03320312 5	561.67755 12695312	0.0	73.608177 1850586	24.410440 44494629	990.9	226.769	2396	2352	2344		2022-06- 01T21:46: 17	38.3	20220601-31
3803		613.63708 49609375			0.0	0.0	6.7123169 89898682	933.41741 94335938	1194.3081 0546875	663.73773 19335938	0.0	87.162857 05566406	28.836978 91235351 6	843.48394 77539062	1143.6104 73632812 5	544.05261 23046875	0.0	70.551986 69433594	23.397438 04931640 6	1062.6	264.603	2821	2769	2752	2022-06- 01T19:36: 59	2022-06- 01T20:46: 53	37.6	20220601-30
3802	nw_sup_c hange																			1059.1	264.74	0	2548	2530		2022-06- 01T20:46: 25	37.5	
3801	nw_inf_ch ange																			1058.2	264.264	0	932	926		2022-06- 01T20:46: 17	37.9	
3800	reeling_ex change	583.49389 6484375	31.335222 24426269 5	18.457948 68469238 3	0.0	0.0	6.3835439 68200684	885.05419 921875	1123.7534 1796875	638.00793 45703125	0.0	82.638092 04101562	27.338661 19384765 6	800.22747 80273438	1077.1508 7890625	523.21850 5859375	0.0	66.934150 69580078	22.197036 74316406 2	1027.4	249.058	2606	2548	2530		2022-06- 01T19:36: 59	38.1	20220601-29
3799	reeling_ex change	554.15869 140625	29.808773 04077148 4	17.526346 20666504	0.0	0.0	6.0665640 83099365	839.99627 68554688	1058.0042 72460937 5	614.03765 86914062	0.0	78.432380 67626953	25.951381 68334961	759.92004 39453125	1015.0742 1875	503.80758 66699219	0.0	63.613594 05517578	21.085964 20288086	370.7	26.1562	303	299	298		2022-06- 01T18:32: 28	37.6	20220601-28
3798		541.68811 03515625				0.0			1043.6551 51367187 5			77.532539 36767578	25.653648 37646484 4	751.60565 18554688	1002.1728 515625	499.80169 67773437 5	0.0	14624023	20.848970 41320800 8	682.5	106.982	1132	1110	1105		2022-06- 01T17:45: 21	4.9	20220601-27
3797	reeling_ex change	528.03643 79882812	28.451215 74401855 5	16.696004 86755371	0.0	0.0	5.7794866 56188965	810.22924 8046875	1014.6017 45605468 8	598.21942 13867188	0.0	75.671348 57177734	25.030351 63879394 5	733.93194 58007812	974.72686 76757812	491.29501 34277344	0.0	61.387004 85229492	20.349454 87976074 2	636.5	94.2186	1006	985	978		2022-06- 01T17:15: 31	37.6	20220601-26
3796	nw_sup_c hange																			583.6	78.6805	0	932	926		2022-06- 01T17:11: 30	37.6	
3795	nw_inf_ch ange																			582.3	78.1671	0	2347	2340		2022-06- 01T17:11: 24	38.0	
3794	reeling_ex change	517.03088 37890625	27.881662 36877441 4	16.340890 88439941 4	0.0	0.0			989.14422 60742188		0.0	74.071640 01464844	24.486909 86633300 8	718.44519 04296875	950.71215 8203125	483.84277 34375	0.0	60.106769 56176758	19.929119 11010742 2		89.3177	951	932	926		2022-06- 01T16:50: 33	37.6	20220601-25
3793		507.30624 38964844				0.0	5.5557622 9095459	776.53765 86914062	965.47863 76953125	580.30151 3671875	0.0	72.541481 0180664						58.896400	19.508220 67260742	465.0	47.7641	515	505	502		2022-06- 01T16:26: 57	38.0	20220601-24
3792	reeling ex	499.81884 765625	27 000909	15.779991		0.0	5.4772639 27459717	762.81335 44921875	945.67565 91796875	572.79162 59765625	0.0	71.267013 54980469							19.166231 15539550 8	918.0	196.52	2158	2119	2104	01T14:34:	2022-06- 01T15:16: 29	47.5	20220601-23
3791	reeling_ex change	476.55279 54101562 5	25.728309 63134765 6	15.058612 82348632 8	0.0	0.0	5.2200403 21350098	728.22814 94140625	902.79058 83789062	546.82025 14648438	0.0	68.008827 20947266	22.510416 03088379	660.43322 75390625	868.36517 33398438	449.55853 27148437 5	0.0	55.268848 41918945	18.324115 75317382 8	295.5	17.9333	221	207	205		2022-06- 01T14:34: 07	47.7	20220601-22
3790	reeling_ex change	474.62069 70214844	25.612485 88562011 7	14.997192 3828125	0.0	0.0	5.2021694 18334961	725.00421 14257812	898.81066 89453125	544.39447 02148438	0.0	67.753028 8696289	22.399911 88049316 4	657.10791 015625	864.04241 94335938	447.30612 18261719	0.0	55.000019	18.218742 37060547	070 5	217.945	2400	2368	2351		2022-06- 01T14:29: 54	47.7	20220601-21
3789	reelina ex	449.13018 79882812 5	24.209049	14.208733		0.0	4.9175004 95910644 5	686.35162 35351562	850.88500 9765625	515.36090 08789062	0.0	64.110679 62646484						36157226	17.269929 88586425 8		217.101	2389	2333	2331	2022-06- 01T12:55: 47	01T13:42:	47.7	20220601-20
3788	nw_sup_c hange																			972.2	213.625	0	2347	2340	2022-06- 01T13:42:	2022-06- 01T13:42:	48.1	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	В4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3788	nw_sup_c hange																			972.2	213.625	0	2347	2340	26	26	48.1	
3787	nw_inf_ch ange																			970.9	213.661	0	2362	2343	2022-06- 01T13:42: 19	2022-06- 01T13:42: 19	47.8	
3786	reeling_ex change	424.54504 39453125	22.854595 18432617 2	13.444007 87353515 6	0.0	0.0	4.6541514 39666748	648.32080 078125	803.71557 6171875	486.81512 45117187 5	0.0	60.535404 20532226 6	20.026218 41430664	587.54589 84375	772.67071 53320312	399.96258 54492187 5	0.0	49.218448 63891601 6	16.298156 73828125	977.9	216.206	2400	2347	2340	2022-06- 01T12:08: 38	2022-06- 01T12:55: 47	48.3	20220601-19
3785	reeling_ex change	398.46945 19042969	21.437139 5111084	12.634540 55786132 8	0.0	0.0	4.3714308 7387085	609.51440 4296875	755.57019 04296875	457.66131 59179687 5	0.0	56.883373 26049805	18.850328 44543457	552.75457 76367188	726.94799 8046875	376.29730 22460937 5	0.0	46.331050 87280273 4	15.328870 77331543	984.9	220.234	2400	2360	2347	2022-06- 01T11:21: 28	2022-06- 01T12:08: 38	48.3	20220601-18
3784	reeling_ex change	371.98898 31542969	20.002645 49255371	11.815586 09008789	0.0	0.0	4.0783185 95886230 5	570.90161 1328125	707.71044 921875	428.67434 69238281	0.0	53.323066 71142578	17.647178 64990234 4	517.26470 94726562	680.22668 45703125	352.13714 59960937 5	0.0	43.318374 63378906	14.360808 37249755 9	983.7	224.307	2443	2393	2382		2022-06- 01T11:21: 28	48.0	20220601-17
3783	nw_sup_c hange																			980.6	223.006	0	2362	2343	2022-06- 01T11:21: 10	2022-06- 01T11:21: 10	47.9	
3782	nw_inf_ch ange																			979.7	221.645	0	2353	2335	2022-06- 01T11:21: 06	2022-06- 01T11:21: 06	48.2	
3781	reeling_ex change	346.78640 74707031	18.654575 34790039	11.037494 65942382 8	0.0	0.0	3.8077411 65161133	531.20892 33398438	658.50592 04101562	398.88031 00585937 5	0.0	49.573783 87451172	16.412616 72973632 8	481.60882 56835937 5	633.20983 88671875	327.83654 78515625	0.0	40.364643 09692383		978.0	220.977	2400	2362	2343	2022-06- 01T09:46: 17	2022-06- 01T10:33: 26	47.9	20220601-16
3780	reeling_ex change	320.32302 85644531	17.235517 50183105 5	10.218055 72509765 6	0.0	0.0	3.5120513 43917846 7	492.16876 22070312 5	610.09802 24609375	369.57431 03027344	0.0	45.944538 11645508	15.209039 68811035 2	446.36346 43554687 5	586.84112 54882812	303.85797 11914062 5	0.0	37.357585 90698242		982.7	223.055	2400	2364	2347		2022-06- 01T09:46: 17	47.7	20220601-15
3779	reeling_ex change	295.56420 8984375	15.898865 69976806 6	9.4561386 10839844	0.0	0.0	3.2431552 41012573 2					42.327209 47265625	14.023804 66461181 6	410.84280 39550781	540.03912 35351562	279.69052 12402344	0.0	34.420043 9453125	11.407527 92358398 4	923.8	207.578	2211	2170	2155	2022-06- 01T08:15: 39	2022-06- 01T08:59: 08	48.1	20220601-14
3778	nw_sup_c hange																			921.1	207.405	0	2353	2335		2022-06- 01T08:58: 51	48.3	
3777	nw_inf_ch ange																			919.8	207.023	0	136	135	2022-06- 01T08:58: 46	2022-06- 01T08:58: 46	48.1	
3776	reeling_ex change	272.20886 23046875	14.656661 98730468 8	8.7372303 0090332	0.0	0.0	2.9885373 11553955	417.08673 09570312 5	517.01257 32421875	313.24362 18261719	0.0	38.903053 28369140 6	12.886957 16857910 2	377.69738 76953125	496.33227 5390625	257.13458 25195312 5	0.0	31.677818 29833984 4	10.488253 59344482 4	965.2	227.014	2400	2353	2335		2022-06- 01T08:15: 39	47.8	20220601-13
3775	reeling_ex change	247.38505 55419922	13.318008 42285156 2	7.9280052 18505859	0.0	0.0	2.7209146 02279663	378.00161 74316406	468.53121 94824219	283.95672 60742187 5	0.0	35.269893 64624023 4					0.0	28.666364 66979980 5	9.4892044 06738281	266.4	11.2718	144	139	138	2022-06- 01T07:25: 43	2022-06- 01T07:28: 36	47.6	20220601-12
3774		244.75436 40136718 8				0.0	2.6874356 26983642 6							340.15783 69140625				28.532579 42199707	9.4366312 02697754	967.4	227.014	2400	2355	2341	2022-06- 01T06:38: 35	2022-06- 01T07:25: 43	48.2	20220601-11
3773	reeling_ex change	220.12239 07470703	11.859752 65502929 7	7.0780849 45678711	0.0	0.0	2.4177227 02026367	336.65432 73925781	417.25717 16308594	252.95245 36132812 5	0.0	31.462865 82946777 3	10.392737 38861084	304.56362 91503906	400.22485 3515625	207.36181 640625	0.0	25.527957 91625976 6	8.4395275 1159668	938.7	214.293	2269	2226	2208	2022-06- 01T05:54: 05	2022-06- 01T06:38: 35	48.3	20220601-10
3772	nw_sup_c hange																			932.1	211.961	0	136	135		2022-06- 01T06:38: 12	47.4	
3771	nw_inf_ch ange																			930.8	211.389	0	2357	2338	2022-06- 01T06:38: 06	2022-06- 01T06:38: 06	47.7	
3770	reeling_ex change	195.82630 92041015 6	10070010	6.3406877 51770019 5	0.0	0.0	2.1554861 06872558 6	299.74005 12695312 5	371.49478 14941406	225.26434 32617187 5	0.0	28.033763 88549804 7	9.2607975 00610352	271.11975 09765625	356.46575 92773437 5	184.60452 27050781 2	0.0	22.722721 09985351 6	7.5223097 8012085	262.9	11.266	142	136	135	2022-06- 01T05:51: 13	2022-06- 01T05:54: 05	48.4	20220601-09
3769	reeling_ex change	194.42658 99658203	10.469101 90582275 4	6.2887845 03936768	0.0	0.0	2.1385869 9798584	297.16201 78222656	368.30517 578125	223.32269 28710937 5	0.0	27.779445 64819336	9.1774110 79406738	268.82257 08007812 5	353.47406 00585937 5	183.05244 44580078	0.0	22.521900 17700195 3	7.4436788 55895996	965.6	229.379	2400	2353	2335		2022-06- 01T05:51: 13	48.4	20220601-08
3768						0.0	1.8604487 18070983 9	257.69656 37207031	319.37176 51367187 5	193.69180 29785156 2	0.0	24.083736 41967773 4					0.0	5	13537598	900.5	228.926	2400	2356	2342		2022-06- 01T05:04: 04	47.5	20220601-07
3767	reeling_ex	143.73779 296875	7.7205677	4.6550168		0.0	1.5858962 53585815 4							197.19065 85693359 4			0.0	16.561323 16589355 5	5.4516310 6918335	954.6	220.743	2327	2283	2268		2022-06- 01T04:16: 55	47.5	20220601-06
3766	nw_sup_c hange																			948.9	217.911	0	2361	2336	01T04:16:	2022-06- 01T04:16: 25	47.6	
3765	nw_inf_ch ange																			948.9	217.719	0	2361	2336		2022-06- 01T04:16: 23	47.6	
3764	reeling_ex change	118.08308 41064453	6.3397374 15313721	3.8584704 39910888	0.0	0.0	1.3083695 17326355	180.36668 39599609	223.52192 68798828	135.63317 87109375	0.0	16.888406 75354004	5.5695877 07519531	162.82496 64306640	214.42698 66943359	110.90022 27783203	0.0		4.5071682 92999268	970.5	224.608	2400	2357	2338	0000 00	2022-06- 01T03:31:	47.4	20220601-05

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3764	reeling_ex change	1	6.3397374 15313721		0.0	0.0	1.3083695 17326355	4	223.52192 68798828	135.63317 87109375	0.0	16.888406 75354004	5.5695877 07519531	6	•	1	0.0	6	4.5071682 92999268	970.5	224.608	2400	2357	2338	59	09	47.4	20220601-05
3763	reeling_ex change	92.085128 78417969	4.9472250 93841553	2.9852449 89395141 6	0.0	0.0	1.0139473 67668151 9	140.48731 99462890 6	174.06562 80517578	105.67174 53002929 7	0.0	13.176499 36676025 4	4.3447465 89660644 5	126.79523 46801757 8	167.06533 81347656 2	86.376632 69042969	0.0	10.676343 91784668	3.5059401 98898315 4	977.1	229.041	2400	2359	2346	2022-06- 01T01:56: 50	2022-06- 01T02:43: 59	47.9	20220601-04
3762	reeling_ex change	65.401679 99267578	3.4946169 85321045	2.1527204 51354980 5	0.0	0.0	0.7274100 78048706	100.44431 30493164	124.44116 2109375	75.571914 67285156	0.0	9.3979597 0916748	3.1117534 63745117	90.726379 39453125	119.53595 73364257 8	61.791851 04370117	0.0	7.6606225 96740723	2.4970219 13528442 4	948.9	218.706	2302	2261	2240	2022-06- 01T01:11: 34	2022-06- 01T01:56: 50	47.4	20220601-03
3761	nw_sup_c hange																			944.5	214.142	0	2361	2336	2022-06- 01T01:56: 25	2022-06- 01T01:56: 25	48.1	
3760	nw_inf_ch ange																			943.6	214.963	0	2357	2334		2022-06- 01T01:56: 20	47.5	
3759	reeling_ex change	39.847625 73242187 5	2.1236295 70007324	1.2874064 44549560 5	0.0	0.0	0.4440854 19178009 03	61.918022 15576172	76.727668 76220703	46.588603 97338867	0.0	67095947	83847046	55.681316 37573242	04052734	91040039	0.0	21112060	1.5372843 74237060 5	966.5	226.297	2400	2361	2336		2022-06- 01T01:11: 34	48.1	20220601-02
3758	onango	3	9	0.4842258 39376449 6		0.0	0.1612724 06578063 96	21.487360 00061035	26.623033 52355957	16.163183 21228027 3	0.0	2.0574760 43701172	0.6644279 95681762 7	19.621814 72778320 3	92304002	13.358431 81610107 4	0.0	1.6816782 95135498	0.5424355 86452484 1	966.5	226.297	2400	2363	2340		2022-06- 01T00:24: 24	47.5	20220601-01
3757	reeling_ex change	274.96414 18457031	14.561710 35766601 6	9.2239351 272583	0.0	0.0	3.0111551 28479004	447.60391 23535156	515.75970 45898438	281.18838 50097656	0.0109312 00347840 786	38.862564 08691406	12.862941 74194336	397.92605 59082031	488.83435 05859375	226.24946 59423828	0.0	30.956434 24987793	10.273347 85461425 8	949.8	219.323	2326	2285	2263		2022-05- 31T23:37: 16	47.5	20220531-30
3756	nw_sup_c hange																			947.1	219.398	0	2357	2334		2022-05- 31T23:37: 01	48.4	
3755	nw_inf_ch ange																			945.8	219.187	0	2358	2339		2022-05- 31T23:36: 54	47.4	
3754	reeling_ex change	249.51850 89111328	13.212406 15844726 6	8.3597211 83776855	0.0	0.0	2.7271726 13143921	407.90878 29589844	466.85845 94726562 5	251.78370 66650390 6	0.0109312 00347840 786	35.140892 02880859 4	11.650863 64746093 8	361.93621 82617187 5	441.67413 33007812 5	202.16119 38476562 5	0.0	27.990921 02050781 2	9.2828226 08947754	967.8	233.43	2400	2357	2334		2022-05- 31T22:51: 31	48.1	20220531-29
3753	reeling_ex change	222.49121 09375	11.776886 94000244 1	7.4376173 01940918	0.0	0.0	2.4327809 81063842 8	363.98159 79003906	415.63580 32226562 5	223.30567 93212890 6	0.0109312 00347840 786	31.289577 48413086	10.364354 13360595 7	323.09326 171875	393.54272 4609375	179.40219 11621093 8	0.0	24.958866 11938476 6	8.2550230 02624512	970.0	230.067	2400	2361	2341		2022-05- 31T22:04: 21	47.8	20220531-28
3752	reeling_ex change	05712890	10.324010 84899902 3	6.5038275 71868896 5	0.0	0.0	2.1334238 05236816 4	320.67614 74609375	365.15847 77832031	195.21331 78710937 5	0.0109312 00347840 786	27.476675 03356933 6	9.0948543 54858398	284.52688 59863281	345.68859 86328125	156.77513 12255859 4	0.0	21.872661 59057617 2	7.2475352 28729248	951.1	222.735	2341	2300	2281		2022-05- 31T21:17: 13	47.6	20220531-27
3751	nw_sup_c hange																			948.0	221.616	0	2358	2339		2022-05- 31T21:16: 54	47.9	
3750	nw_inf_ch ange																			947.1	221.23	0	2353	2330		2022-05- 31T21:16: 49	47.4	
3749	reeling_ex change	168.95181 27441406 2	8449707	5.6151356 69708252	0.0	0.0	1.8481944 79942321 8	278.02392 578125	315.42684 93652344	167.54083 25195312 5	0.0109312 00347840 786	23.794780 73120117 2	7.8829274 17755127	246.42097 47314453	298.31707 76367187 5	134.42303 46679687 5	0.0	18.842544 55566406 2	6.2617630 95855713	959.9	228.114	2400	2358	2339		2022-05- 31T20:31: 12	47.7	20220531-26
3748	reeling_ex change	141.03509 52148437 5	7.4925642 01354980 5	4.6707835 19744873	0.0	0.0						19.983547 21069336						15.872612 95318603 5	5.2496933 93707275	959.9	231.784	2400	2363	2347		2022-05- 31T19:44: 01	48.0	20220531-25
3747	reeling_ex change	114.62802 88696289	6.1045188 90380859	3.7620954 51354980 5	0.0	0.0	1.2541229 72488403 3	191.29418 9453125	214.25593 56689453	111.29850 00610351 6	0.0109312 00347840 786	16.127729 41589355 5	5.3397107 12432861	169.30451 96533203	202.44892 88330078	89.181724 54833984	0.0	12.822054 86297607 4	4.2454566 95556641	934.3	214.926	2253	2210	2189		2022-05- 31T18:56: 53	48.2	
3746	nw_sup_c hange																			931.2	214.695	0	2353	2330		2022-05- 31T18:56: 34	48.3	
3745	nw_inf_ch ange																			930.4	213.089	0	312	312		2022-05- 31T18:56: 29	47.9	
3744	reeling_ex change	88.825119 01855469	4.7383489 60876465	2.8844425 67825317 4	0.0	0.0	0.9692257 64274597 2	151.02259 82666015 6	167.26754 76074218 8	85.194808 95996094	0.0109312 00347840 786	12.592259 40704345 7	4.1725611 68670654	133.27815 24658203	157.62930 29785156 2	68.051971 43554688	0.0	9.9863691 32995605	3.3051137 92419433 6	966.5	230.139	2400	2353	2330		2022-05- 31T18:12: 35	48.0	20220531-24
3743	reeling_ex change	62.724479 67529297	3.3708598 61373901 4	1.9873424 76844787 6	0.0	0.0	0.6822887 06302642 8	105.75489 04418945 3	116.50311 27929687 5	58.770809 17358398 4	0.0109312 00347840 786	8.7997360 22949219	2.9008474 34997558 6	93.183670 04394531	109.63056 94580078 1	46.889163 97094726 6	0.0	6.9592590 33203125	2.3216288 08975219 7	969.6	223.394	2400	2358	2339		2022-05- 31T17:25: 25	47.9	20220531-23
3742				1.1391435 86158752 4		0.0						5.0897779 46472168					0.0	94247436 5	1.3479387 76016235 4		11.4958	146	141	141	31T16:35:	2022-05- 31T16:38: 22	47.6	20220531-22
3741	reeling_ex	04.000055	1.8539079 42771911	1.0762581 82525634		0.0						4.8340940 47546387					0.0	3.8543980 12161255	1.2670122 38502502 4	937.7	212.001	2269	2224	2219	2022-05- 31T15:50: 58	2022-05- 31T16:35: 29	48.1	20220531-21
3740	nw_inf_ch ange																				210.173	0	2350	2343	2022-05- 31T16:35:	2022-05- 31T16:35:	48.4	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3740	nw_inf_ch ange																			931.7	210.173	0	2350	2343	05	05	48.4	
3739	nw_sup_c hange																			931.2	210.276	0	2350	2343	2022-05- 31T16:35: 04	2022-05- 31T16:35: 04	47.6	
3738	reeling_ex change	71777343		0.3185484 40933227 54	0.0	0.0	0.1041494 01187896 73	15.746586 79962158 2	17.351163 86413574 2	8.7600936 88964844	0.0109312 00347840 786	1.3598272 80044555 7	0.4324305 35554885 86	13.591169 35729980 5	16.033689 49890136 7	6.8433318 13812256	0.0	87924194 3	0.3499198 85396957 4		27.239	316	312	312	2022-05- 31T14:29: 30	2022-05- 31T15:50: 58	47.7	20220531-20
3737	reeling_ex change	394.41094 97070312 5	43.212631 22558594	11.722776 41296386 7	0.0	0.0	4.5533838 27209473	722.16101 07421875	813.93023 68164062	404.29010 00976562 5								42.710124 96948242	15.693416 59545898 4	889.9	191.453	2060	2017	2011	2022-05- 31T13:49: 05	2022-05- 31T14:29: 30	48.1	20220531-19
3736	reeling_ex change	371.70672 60742187 5	41.969440 46020508	11.026716 23229980 5	0.0	0.0	4.3068470 95489502	683.16711 42578125	771.01934 81445312	382.64398 19335937 5	0.0	51.209430 69458008	18.971769 33288574 2	596.76293 9453125	719.90979 00390625	302.80908 203125	0.0	40.136173 24829101 6	14.862966 53747558 6	284.9	14.0045	174	169	168	2022-05- 31T13:45: 35	2022-05- 31T13:49: 05	47.7	20220531-18
3735	reeling_ex change	370.34402 46582031	41.896591 18652344	10.985395 43151855 5	0.0	0.0	4.2907085 41870117	679.90362 54882812	767.41986 08398438	380.82885 7421875	0.0	50.951618 19458008	18.855779 64782715	594.00811 76757812	716.66912 84179688	301.44641 11328125	0.0	13300030	14.782932 28149414	966.9	223.468	2400	2356	2347	2022-05- 31T12:58: 28	2022-05- 31T13:45: 35	48.4	20220531-17
3734	reeling_ex change	343.71273 80371094	40.454116 82128906	10.165038 10882568 4	0.0	0.0	3.9933288 09738159	633.75262 45117188	716.58178 7109375	355.18524 16992187 5	0.0	47.155445 09887695	17.587490 08178711	553.96997 0703125	669.23309 32617188	281.29513 54980469	0.0	37.026107 78808594	13.802765 84625244 1	921.4	202.537	2198	2149	2148	2022-05- 31T12:15: 13	2022-05- 31T12:58: 28	48.0	20220531-16
3733	nw_sup_c hange																			915.8	201.231	0	2350	2343		2022-05- 31T12:58: 11	48.4	
3732	nw_inf_ch ange																			915.0	200.858	0	2344	2344	2022-05- 31T12:58: 06	2022-05- 31T12:58: 06	47.8	
3731	change		93066406	41967773	0.0	0.0	3.7385189 53323364 3	591.39892 578125	669.93237 3046875	331.66146 85058594	0.0	43.615360 26000976 6	16.428453 44543457	517.04937 74414062	625.69177 24609375	262.71649 16992187 5	0.0	22014400	0		221.989	2400	2350	2343	2022-05- 31T11:28: 03	2022-05- 31T12:15: 13	47.6	20220531-15
3730				8.6212320 32775879		0.0	3.4435586 92932129	545.26629 63867188	619.08966 06445312	306.01470 94726562 5	0.0	39.767910 00366211	15.157047 27172851 6	476.79934 69238281	578.18621 82617188	242.47048 95019531 2	0.0	31.263978 95812988 3	11.905029 296875	965.6	224.377	2400	2352	2344	2022-05- 31T10:35: 15	2022-05- 31T11:28: 03	48.3	20220531-14
3729	reeling_ex change	267.11480 71289062 5	36.329730 98754883	7.7853360 17608643	0.0	0.0	3.1547293 66302490 2	498.56884 765625	567.62207 03125	280.07720 94726562 5	0.0	35.879192 35229492	13.882303 23791503 9	435.75561 5234375	529.64587 40234375	221.82498 16894531 2	0.0	78283691	10.881991 38641357 4	268.7	10.8488	140	138	137	2022-05- 31T10:32: 25	2022-05- 31T10:35: 15	48.2	20220531-13
3728	reeling_ex change	265.46316 52832031	36.243228 91235351 6	7.7330241 20330810 5	0.0	0.0	3.1384229 66003418	495.97549 43847656	564.78363 03710938	278.64993 28613281	0.0	35.687595 36743164	13.801562 30926513 7	433.45642 08984375	526.94610 59570312	220.69039 91699218 8	0.0	28.083745 9564209	10.831099 51019287 1	974.4	225.673	2449	2392	2392	2022-05- 31T09:44: 16	2022-05- 31T10:32: 25	47.8	20220531-12
3727	nw_sup_c hange																			968.7	224.831	0	2344	2344	2022-05- 31T10:32: 06	2022-05- 31T10:32: 06	47.9	
3726	nw_inf_ch ange																			967.8	225.013	0	2193	2186	2022-05- 31T10:32: 01	2022-05- 31T10:32: 01	47.5	
3725	reeling_ex change	239.15336 60888672	34.818607 33032226 6	6.9161300 65917969	0.0	0.0	2.8446295 26138305 7	449.00506 59179687 5	513.01440 4296875	252.53770 44677734 4	0.0	31.767808 91418457	12.511684 41772461	393.25262 45117187 5	479.31799 31640625	200.45115 66162109 4	0.0	25.097673 41613769 5	9.8457345 96252441	962.6	222.369	2400	2344	2344	2022-05- 31T08:57: 06	2022-05- 31T09:44: 16	47.6	20220531-11
3724	reeling_ex change	214.61085 51025390 6	33.516407 01293945	6.1542320 25146484	0.0	0.0	2.5768809 31854248	403.96392 82226562 5	463.40658 56933594	227.51887 51220703	0.0	28.036384 58251953	11.287978 17230224 6	353.01519 77539062 5	431.77633 66699219	180.22656 25	0.0	22.101652 14538574 2	8.8511838 91296387	967.4	224.735	2400	2355	2356	2022-05- 31T08:09: 59	2022-05- 31T08:57: 06	47.9	20220531-10
3723	reeling_ex change	189.29467 7734375	32.153209 6862793	5.3629531 86035156	0.0	0.0	2.2995674 61013794	358.39376 83105469	413.20684 81445312 5	202.19398 49853515 6	0.0	24.242607 11669922	10.033590 31677246 1	312.83279 41894531	384.29687 5	159.98945 61767578	0.0	19.105216 97998047	7.8635969 16198730 5	905.3	196.958	2123	2082	2074	2022-05- 31T07:28: 13	2022-05- 31T08:09: 59	47.6	20220531-09
3722	nw_sup_c hange																			902.6	195.199	0	2193	2186	2022-05- 31T08:09: 44	2022-05- 31T08:09: 44	47.6	
3721	nw_inf_ch ange																			901.3	194.824	0	2405	2403	2022-05- 31T08:09: 39	2022-05- 31T08:09: 39	48.2	
3720	-	06152343 8	2	27740478 5		0.0	50335693		368.34954 83398437 5		0.0	20.909797 66845703	8.8892173 76708984	277.56887 81738281	342.74569 70214844	142.28572 08251953	0.0	01403000	6.9761066 43676758		207.658	2234	2193	2186	31T06:44:	2022-05- 31T07:28: 13	48.3	20220531-08
3719	reeling_ex change	143.48677 06298828	29.714723 58703613 3	3.9491157 53173828	0.0	0.0	1.7974054 81338501	275.59213 25683594	321.94888 30566406	156.21234 13085937 5	0.0	70068359	12695312		299.27484 13085937 5		0.0	13.766298 29406738 3	6.0626001 35803223	931.7	205.93	2234	2193	2187	2022-05- 31T06:00: 29	31T06:44:	48.2	20220531-07
3718				3.2166101 93252563 5		0.0			274.09408 56933594			13.796471 59576416	6.5520167 35076904	203.23143 00537109 4	254.90063 4765625	104.87742 61474609 4	0.0	11.008218 76525878 9	5.1422629 35638428	506.9	50.735	569	563	562	2022-05- 31T04:26: 06	31T06:00:	48.0	20220531-06
3717				2.5669090 74783325		0.0	73094177	206.30247 49755859 4	245.50643 92089843 8	117.76080 32226562 5	0.0	11.691722 86987304 7	5.8381881 71386719	180.81973 26660156 2	228.42326 35498047	93.564430 2368164	0.0	9.3493976	4.5952105 52215576		232.987	2412	2400	2396	2022-05- 31T03:26: 14	31T04:26:	37.8	20220531-05
3716	nw_sup_c hange																			1200.0	233.823	0	2405	2403	2022-05- 31T04:26:	2022-05- 31T04:26:	38.0	

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3716	nw_sup_c hange																			1200.0	233.823	0	2405	2403	29	29	38.0	
3715	nw_inf_ch ange																			1200.0	232.059	0	2405	2405	2022-05- 31T04:26: 21	2022-05- 31T04:26: 21	38.2	
3714	reeling_ex change	77.239013 671875	20.990968 70422363 3	1.9871898 88954162 6	0.0	0.0	1.0153222 08404541				0.0	8.9920949 93591309	4.5340218 54400635	140.09727 47802734 4	176.71687 31689453	72.505813 59863281	0.0	24981689 5	3.5495312 21389770 5	990.3	235.868	2416	2405	2403	2022-05- 31T02:26: 18	2022-05- 31T03:26: 14	37.8	20220531-04
3713	reeling_ex change	54.604110 71777344	14.838697 43347168	1.3999873 39973449 7	0.0	0.0	0.7207865 71502685 5	113.37742 61474609 4		64.708587 64648438	0.0	6.4182815 55175781						5.1259026 52740478 5	2.5183391 57104492	989.4	231.764	2416	2413	2411	2022-05- 31T01:26: 23	2022-05- 31T02:26: 18	37.7	20220531-03
3712	reeling_ex change	32.257694 24438476 6	8.7622032 16552734	0.8240589 49947357 2	0.0	0.0	0.4253090 91806411 74	67.229980 46875	80.001701 35498047	38.370548 24829101 (6	0.0	3.7779662 60910034	1.9054263 83018493 7	59.319576 26342773 4	74.621658 32519531	30.698526 38244629	0.0	3.0488157 27233886 7	1.5052348 37532043 5	993.4	236.398	2442	2432	2432		2022-05- 31T01:26: 23	37.7	20220531-02
3711	nw_sup_c hange																			989.0	232.133	0	2406	2411	2022-05- 31T01:25: 52	2022-05- 31T01:25: 52	38.3	
3710	nw_sup_c hange																			989.0	232.133	0	2406	2411	2022-05- 31T01:25: 52	2022-05- 31T01:25: 52	38.3	
3709	reeling_ex change	9.5117301 94091797	2.5864641 66641235 4	0.2408419 40045356 75	0.0	0.0	0.1211774 94525909 42	20.374658 58459472 7	24.239820 48034668	11.623438 83514404 (3	0.0	1.1309186 22016906 7	0.5931422 71041870 1	18.333902 35900879	23.070255 27954101 6	9.4873733 52050781	0.0		0.4856664 83640670 8	988.1	231.837	2416	2405	2405	2022-05- 30T23:25: 51	2022-05- 31T00:25: 46	38.2	20220531-01
3708	reeling_ex		140.22395	13.139113		0.0	6.7270569 80133057	1100.1424 56054687 5	1251.9326 171875	556.75897 21679688	0.0			956.96765 13671875			0.0	46.726943 96972656	23.184556 96105957	988.1	234.934	2416	2412	2412		2022-05- 30T23:25: 51	37.6	20220530-28
3707	reeling_ex change	491.00299 07226562 5	134.02772 52197265 6	19030761	0.0	0.0	6.4307460 78491211	1053.3785 40039062 5	1196.3020 01953125	530.02056 88476562	0.0	57.395698 54736328	28.395027 16064453	916.43145 75195312		417.65155 02929687 5	0.0	44.634811 40136719	22.161819 45800781 2	966.5	221.25	2287	2279	2279	2022-05- 30T21:29: 10	2022-05- 30T22:25: 56	38.2	20220530-27
3706	nw_sup_c hange																			962.6	219.133	0	2406	2411	2022-05- 30T22:25: 29	2022-05- 30T22:25: 29	37.8	
3705	nw_inf_ch ange																			961.2	218.645	0	2410	2415	2022-05- 30T22:25: 22	2022-05- 30T22:25: 22	38.2	
3704	reeling_ex change	468.86853 02734375	128.02389 52636718 8	11.967292 78564453 1	0.0	0.0	6.1394014 35852051	1009.1008 91113281 2	1143.6600 34179687 5	504.71444 70214844	0.0	54.886486 0534668	27.144443 51196289	877.66021 72851562	1060.5395 5078125	397.58685 30273437 5	0.0	42.619503 02124023 4	21.182027 81677246	997.6	237.452	2416	2406	2411	2022-05- 30T20:29: 22	2022-05- 30T21:29: 10	38.3	20220530-26
3703	reeling_ex change	446.16500 85449219	121.79521 17919921 9	11.389702 79693603 5	0.0	0.0	5.8388419 15130615	962.11706 54296875	1087.8032 2265625	477.87649 53613281	0.0	52.248134 61303711	25.807523 72741699 2	836.33898 92578125	1008.4122 31445312 5	376.21545 41015625	0.0	40.540035 24780273 4	20.137748 71826172	269.9	11.2174	132	131	131	2022-05- 30T20:25: 58	2022-05- 30T20:29: 22	37.7	20220530-25
3702	reeling_ex			11.368695 25909423 8		0.0	5.8216385 84136963	959.59460 44921875	1084.8023 68164062 5	476.43954 46777344	0.0	52.116069 79370117	25.753215 78979492 2	834.04864 50195312	1005.4993 28613281 2	375.02587 890625	0.0	40.470813 7512207	20.085418 70117187 5	994.7	239.39	2416	2412	2417	2022-05- 30T19:26: 03	2022-05- 30T20:25: 58	38.0	20220530-24
3701	reeling_ex change	421.98831 17675781	115.13867 95043945 3	10.782904 62493896 5	0.0	0.0	5.5225625 03814697	912.20025 63476562	1028.4252 9296875	449.34851 07421875	0.0	49.408229 82788086	24.422374 72534179 7	792.79345 703125	953.44183 34960938	353.67861 93847656	0.0		19.040988 92211914	992.6	237.758	2407	2398	2407	2022-05- 30T18:26: 19	2022-05- 30T19:26: 03	38.2	20220530-23
3700	nw_sup_c hange																			986.8	233.414	0	2410	2415	2022-05- 30T19:25: 33	2022-05- 30T19:25: 33	37.8	
3699	nw_inf_ch ange																			985.9	233.354	0	2312	2315	2022-05- 30T19:25: 27	2022-05- 30T19:25: 27	37.6	
3698	reeling_ex change	398.98696 89941406	108.88240 81420898 4	10.196335 79254150 4	0.0	0.0	5.2172255 51605225	865.66845 703125	973.07366 94335938	422.76617 43164062 5	0.0	46.765129 08935547	23.115079 87976074 2	751.71002 19726562	901.56042 48046875	332.42889 40429687 5	0.0	36.251483 91723633	18.001625 06103515 6	992.1	237.24	2416	2410	2415	2022-05- 30T17:26: 22	2022-05- 30T18:26: 19	37.6	20220530-22
3697	reeling_ex change	375.82257 08007812 5	102.59155 2734375	9.6122522 35412598	0.0	0.0	4.9133586 88354492	817.31152 34375	916.53839 11132812	396.44281 00585937 5	0.0	43.986583 7097168					0.0	34.249549 86572265 6		995.6	235.526	2416	2411	2418	2022-05- 30T16:26: 28	2022-05- 30T17:26: 22	37.5	20220530-21
3696	reeling_ex		96.232254	9.0214748	0.0	0.0	4.6168751 71661377	767.05364 99023438	859.98114 01367188	371.99148 55957031	0.0	41.276954 65087890 6	20.409975 05187988 3	666.69281 00585938	797.95611 57226562	292.81225 5859375	0.0	32.176723 48022461	15.922102 92816162 1	974.3	235.046	2387	2380	2387	12	30T16:26: 28		20220530-20
3695	nw_sup_c hange																			970.0	232.882	0	2312	2315	2022-05- 30T16:26	2022-05- 30T16:26	37.5	
3694	nw_inf_ch ange																			969.2	230.393	0	2413	2415	2022-05- 30T16:25: 53	30T16:25:	37.7	
3693	reeling_ex change	330.02539 0625	90.001235 96191406	8.4426803 58886719	0.0	0.0	4.3167567 25311279	717.80114 74609375	804.56445 3125	348.01525 87890625	0.0		7	3046875	38671875	5		30.103366 85180664	14.907114 98260498	955.5	225.676	2316	2312	2315		2022-05- 30T15:27: 12	37.6	20220530-19
3692	reeling_ex change	308.79483 03222656	84.171333 31298828	7.9109926 22375488	0.0	0.0	4.0389089 58435059	670.39813 23242188	751.25201 41601562	324.97869 87304687 5	0.0	36.056335 44921875	17.838512 42065429 7	581.53424 07226562	695.96246 33789062	255.33796 69189453	0.0	28.096944 80895996	13.900486 94610595 7	958.1	224.457	2316	2316	2317	2022-05- 30T13:32: 27	2022-05- 30T14:29: 46	37.6	20220530-18

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3691	reeling_ex change	286.48376 46484375	78.057426 45263672	7.3419451 71356201	0.0	0.0			697.52740 47851562		0.0	33.484580 99365234 4	16.559562 68310547	540.19720 45898438	646.42297 36328125	237.14141 84570312 5	0.0	26.085998 53515625	12.923856 73522949 2	373.4	28.8737	317	320	319	2022-05- 30T13:24: 28	2022-05- 30T13:32: 27	37.9	20220530-17
3690	reeling_ex change	283.93536 37695312 5	77.345100 40283203	7.2689509 39178467	0.0	0.0	3.7188494 20547485 4	616.36914 0625	690.43597 41210938	298.69027 70996094	0.0	33.155448 91357422	16.396701 81274414	534.51684 5703125	639.58880 61523438	234.65878 29589843 8	0.0	97363281	12.769885 06317138 7	948.9	212.831	2206	2204	2202	2022-05- 30T12:29: 42	2022-05- 30T13:24: 28	38.3	20220530-16
3689	nw_sup_c hange																			946.2	213.91	0	2373	2375		2022-05- 30T13:24: 09	38.2	
3688	nw_sup_c hange																			946.2	213.91	0	2373	2375	2022-05- 30T13:24: 09	2022-05- 30T13:24: 09	38.2	
3687				23150635		0.0	3/133/89	5859375	3203125	5		6	8	98535156		5	0.0	47937011 7	11.845489 50195312 5		232.219	2416	2413	2415	53	30T12:29: 42	38.3	20220530-15
3686	reeling_ex change					0.0	3/293/01	20703123	20120	252.46144 10400390 6		6	1	5	540.44415 28320312	6		00102071		323.1	19.3039	217	217	217	30T11:24: 23	2022-05- 30T11:29: 53	37.7	20220530-14
3685				6.1131062 50762939 5		0.0				250.10687 25585937 5		42529297	3	24902344	535.57995 60546875	40033203		81420898	10.713281 63146972 7	1001.5	230.28	2416	2415	2420	30T10:24: 28	2022-05- 30T11:24: 23	37.7	20220530-13
3684	reeling_ex change	215.52041 62597656 2	58.664131 16455078	5.5337247 84851074	0.0	0.0	2.8227527 14157104 5	467.30300 90332031	522.65954 58984375	226.18894 95849609 4	0.0	25.159717 55981445 3	12.407301 90277099 6	404.58630 37109375	483.36932 37304687 5	177.45671 08154297	0.0	19.571235 65673828	9.6650934 21936035	1037.9	249.244	2573	2570	2573	30T09:20: 36	2022-05- 30T10:24: 28	37.6	20220530-12
3683	nw_sup_c hange																			1028.2	247.856	0	2374	2376	30T10:23: 56	2022-05- 30T10:23: 56	38.1	
3682	nw_inf_ch ange																			1027.8	247.481	0	2374	2376	30T10:23: 53	2022-05- 30T10:23: 53	38.0	
3681				0/14/21/		0.0	34223404	03222030	31132344			7	8850708	8046875	427.60244 75097656	2		6	0414793	001.2	229.683	2376	2373	2375	30T08:21: 39	2022-05- 30T09:20: 36	38.3	20220530-11
3680	reeling_ex change			4.3515067 1005249	0.0	0.0	70083618	25878906	34277344			19.582847 59521484 4						15.255279 54101562 5			229.683	2376	2377	2379	30T07:22: 43	2022-05- 30T08:21: 39	37.7	20220530-10
3679	reeling_ex change	78759765	39.587215 42358398 4	91213989	0.0	0.0	1.9031447 17216491 7	315.66070 55664062 5	351.96322 63183594	152.47201 53808593 8	0.0	17.023357 39135742 2	8.3558235 16845703	273.56546 02050781	325.88653 56445312 5	119.77605 43823242 2	0.0	13.243441 58172607 4	6.5251612 66326904	991.7	230.38	2387	2382	2387	30T06:23: 29	2022-05- 30T07:22: 43	38.3	20220530-09
3678	nw_inf_ch ange																			987.2	226.74	0	2227	2225	30T07:22: 13	2022-05- 30T07:22: 13	37.7	
3677	nw_sup_c hange			0.4700744				005.05574		100.01000		11001570				400 00 405				987.2	226.851	0	2227	2225	30T07:22: 12	2022-05- 30T07:22: 12	38.0	
3676				3.1796741 48559570 3		0.0				128.31239 31884765 6		7	8583374	953125	12988281	6		11.161326 40838623	5.4989905 35736084	988.6	230.433	2376	2374	2376	30T05:24: 40	2022-05- 30T06:23: 29	37.6	20220530-08
3675				2.6228165 62652588		0.0				104.58978 27148437 5	0.0	11.705890 65551757 8		405 70075	223.66540 52734375	82.319152 83203125	0.0		4.4706768 98956299		12.3245	145	145	145	55	30T05:24: 40	37.8	20220530-07
3674				2.5912151 33666992		0.0	14631652 8	40820312 5	5	91479492 2	0.0	11.509370 80383300 8		·	=	81.104164 12353516	0.0	9.0126600 26550293	4.4191646 57592773	989.9	230.335	2376	2378	2379		2022-05- 30T05:20: 55	37.6	20220530-06
3673	reeling_ex change	77.389389 03808594	60632324 2	2.0028197 76535034	0.0	0.0	21443170	09433393	182.82791 13769531 2	79.454566 9555664	0.0	8.8922395 70617676			169.00497 43652343 8	62.286907 19604492	0.0		3.3875830 17349243	996.7	231.294	2401	2397	2400	30T03:22: 27	30T04:22: 01	38.0	20220530-05
3672	nw_sup_c hange																			991.2	230.394	0	2227	2225	30T04:21: 34	2022-05- 30T04:21: 34 2022-05-	37.7	
3671	nw_inf_ch ange		14 501303	1.4114060				115 /0/70	126 60425	55 192209			3 0381367		116 97974				2 2512507	990.3	229.809	0	105	107	30T04:21: 26	2022-05- 30T04:21: 26 2022-05-	37.9	
3670	reeling_ex change					0.0				55.182308 19702148 4					116.87871 55151367 2				2.3512587 54730224 6 1.4086118	958.1	214.349	2231	2227	2225	30T02:27: 15	2022-05- 30T03:22: 27 2022-05-	37.6	20220530-04
3669		12 757992		0.8746088 74320983 9 0.3558937	0.0	0.0				32.630489 34936523 4		3.7151131 62994384 8 1.2346669						78292846 7	93653869 6 0.4537905	958.6	215.523	2231	2232	2230	30T01:32: 01	30T02:27: 15 2022-05-	37.8	20220530-03
3668	reeling_ex change	12.757882 11822509 8	18820190	31117248 54	0.0	0.0	21443176 27	47131347 7	22.654520 03479004	10.340288 16223144 5	0.0	43550109 9	0.5787905 45463562	79895019 5	20.904300 68969726 6	8.0476598 73962402	0.0	98519897	15661239 6	448.2	40.8766	432	435	436		30T01:32: 01	38.1	20220530-02

ID		A1	A2	A3 ,	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3667	reeling_ex change	1.7847770 45249939	0.3393138 64707946 8	0.0631951 91323757 0.0 17		0.0	0.0258453 35796475 41	5.1054201 12609863	3.0888240 33737182 6	1.7648748 15940857	0.0	0.2598440 94514846 8	0.1105264 42527771	4.3187947 27325439 5	2.7968647 48001098 6	1.3509687 18528747 6	0.0	42814636	0.0801335 94572544 1	948.9	199.254	2312	2281	2314	2022-05- 29T23:06: 59	2022-05- 30T00:04: 15	37.9	20220530-01
3666	nw_sup_c hange																			176.0	199.779	0	105	107	2022-05- 30T00:04: 34	2022-05- 30T00:04: 34	38.1	
3665	nw_inf_ch ange																			337.5	199.508	0	2355	2393	2022-05- 30T00:04: 27	2022-05- 30T00:04: 27	38.3	
3664	reeling_ex change	501.94677 734375	97.765129 08935547	17.115722 65625 0.0		0.0	6.2398829 46014404	1367.8377 68554687 5	828.96417 23632812	473.71905 51757812 5	0.0	83.194068 9086914	27.621944 42749023 4	1160.7247 31445312 5	752.52392 578125	363.92010 49804687 5	0.0	63.525447 84545898 4		247.7	7.69797	107	105	107	2022-05- 29T23:04: 16	2022-05- 29T23:06: 59	37.9	20220529-26
3663	reeling_ex change	500.28112 79296875	97.452568 05419922	17.052467 34619140 0.0 6		0.0	6.2142624 8550415	1364.5246 58203125	826.96545 41015625	472.57272 33886719	0.0	82.998908 99658203	27.566247 94006347 7	1158.4353 02734375	751.06024 16992188	363.21224 97558594	0.0	63.388778 68652344	20.889198 30322265 6	956.8	203.287	2376	2336	2374	2022-05- 29T22:05: 16	2022-05- 29T23:04: 16	37.9	20220529-25
3662	nw_sup_c hange																			952.9	202.469	0	2355	2393	2022-05- 29T23:03: 45	2022-05- 29T23:03: 45	37.8	
3661	nw_inf_ch ange																			951.5	201.412	0	2357	2392	2022-05- 29T23:03: 35	2022-05- 29T23:03: 35	37.8	
3660	reeling_ex change	479.28424 07226562 5	93.359321 59423828	16.337812 42370605 0.0 5		0.0	5.9568824 76806641	1305.8756 10351562 5	791.44696 04492188	452.26452 63671875	0.0	79.415473 93798828	26.372360 22949218 8	1108.6063 23242187 5	718.77178 95507812	347.59365 84472656	0.0	60.654098 51074219		960.8	206.482	2396	2355	2393	2022-05- 29T21:05: 50	2022-05- 29T22:05: 16	38.2	20220529-24
3659	reeling_ex change	456.66580 20019531	88.937187 19482422	15.572187 42370605 0.0 5		0.0	5.6800479 88891602	1246.4033 203125	755.42224 12109375	431.66500 85449219	0.0	75.840415 95458984	25.175380 70678711	1058.5288 0859375	686.31420 8984375	331.90719 60449219	0.0	57.919792 17529297	19.079061 50817871	961.2	207.152	2396	2360	2397	2022-05- 29T20:06: 26	2022-05- 29T21:05: 50	37.9	20220529-23
3658	reeling_ex change	435.57101 44042969		14.852558 13598632 0.0 8		0.0	5.4223437 30926514	1187.0559 08203125	719.46728 515625	411.11752 31933594	0.0	72.195014 95361328	23.964227 6763916	1008.2515 86914062 5	653.69390 86914062	316.14605 71289062 5	0.0	55.113918 30444336	18.158199 31030273 4	956.4	201.048	2352	2312	2349	2022-05- 29T19:08: 03	2022-05- 29T20:06: 26	38.0	20220529-22
3657	nw_sup_c hange																			951.5	197.88	0	2357	2392	2022-05- 29T20:05: 54	2022-05- 29T20:05: 54	38.2	
3656	nw_inf_ch ange																			950.7	197.451	0	110	112	2022-05- 29T20:05: 45	2022-05- 29T20:05: 45	37.7	
3655	reeling_ex change	413.37097 16796875	80.492698 6694336	14.088899 61242675 0.0 8		0.0	5.1481394 76776123	1129.3200 68359375	684.46856 68945312	391.12438 96484375	0.0	68.672470 09277344	22.802238 46435547	959.22442 62695312	621.86950 68359375	300.78213 50097656	0.0	14341400	17.292772 29309082		205.557	2396	2357	2392	2022-05- 29T18:08: 38	2022-05- 29T19:08: 03	37.9	20220529-21
3654	reeling_ex change	391.39730 83496094	76.193702 6977539	13.349829 67376709 0.0		0.0	60974121	890625	70898438					908.88391 11328125				49.729774 47509765 6	16.368320 46508789	965.4	204.928	2396	2363	2396	2022-05- 29T17:09: 14	2022-05- 29T18:08: 38	37.7	20220529-20
3653	reeling_ex change	369.54968 26171875	71.916748 046875	12.594346 04644775 0.0 4		0.0	4.6019854 54559326	1009.9149 16992187 5	612.11096 19140625	349.75741 57714844	0.0	61.418594 36035156	20.398353 57666015 6	858.25823 97460938	556.29260 25390625	269.15493 77441406	0.0	46.947311 40136719	15.463320 7321167	914.5	190.175	2197	2161	2187	2022-05- 29T16:14: 49	2022-05- 29T17:09: 14	38.1	20220529-19
3652	nw_sup_c hange																			910.1	188.835	0	110	112	2022-05- 29T17:08: 41	2022-05- 29T17:08: 41	37.6	
3651	nw_inf_ch ange																			908.8	185.984	0	2357	2385	2022-05- 29T17:08: 33	2022-05- 29T17:08: 33	38.3	
3650	reeling_ex change	349.67987 06054687 5	68.047714 23339844	11.930409 43145752 0.0		0.0	4.3555817 60406494	955.27362 06054688	579.01373 29101562	330.81692 50488281	0.0	58.014579 77294922	19.329078 67431640 6	812.14788 81835938	526.28613 28125	254.67683 41064453	0.0	68139648	14.632200 24108886 7	251.6	8.20783	113	110	112	2022-05- 29T16:11: 55	2022-05- 29T16:14: 49	38.3	20220529-18
3649	reeling_ex change	348.26016 23535156	67.761131 2866211	11.878434 18121337 0.0 9		0.0	88439941	3010020	484375			57.883842 46826172	19.272891 99829101 6	809.99615 47851562	524.90557 86132812	254.01251 22070312 5	0.0	44.357982 63549805	05487060 5		204.463	2396	2356	2384	2022-05- 29T15:12: 29	2022-05- 29T16:11: 55	37.9	20220529-17
3648	reeling_ex change	326.86541 74804687 5	63.579441 07055664	11.159115 7913208 0.0		0.0	38720703	90234375	92382812			54.297199 24926758	18.088972 09167480 5	759.80725 09765625	492.27285 76660156	238.28456 11572265 6	0.0	97973633	13.674076 08032226 6	959.5	206.401	2396	2364	2391	2022-05- 29T14:13: 04	2022-05- 29T15:12: 29	38.2	20220529-16
3647	reeling_ex change	305.72662 35351562 5	31005859	28448486 0.0		0.0	3.8060083 38928222 7	834.33880 61523438	505.76364 13574219	288.91738 89160156	0.0	50.663879 39453125	16.894966 12548828	709.27191 16210938	459.42150 87890625	222.44143 67675781 2	0.0	38.819057 46459961	12.781794 54803466 8	962.1	204.355	2384	2346	2374		2022-05- 29T14:13: 04	37.6	20220529-15
3646	nw_sup_c hange																			958.6	202.509	0	2357	2385	2022-05- 29T14:12: 39	2022-05- 29T14:12: 39	38.2	
3645	nw_inf_ch ange																			957.3	202.53	0	2357	2384	30	29T14:12: 30	37.8	
3644	reeling_ex change	283.81604 00390625	55.220169 06738281	9.6868810 65368652 0.0		0.0	3.5306982 99407959	775.67755 12695312	470.21557 6171875	268.59771 72851562 5	0.0	47.162063 59863281	15.694759 36889648 4	659.12829 58984375	426.86077 88085937 5	206.71159 36279297	0.0	36.091640 47241211	11.878331 18438720 7	966.5	204.463	2396	2357	2385	2022-05- 29T12:14: 28	2022-05- 29T13:13: 53	37.8	20220529-14

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3643	reeling_ex change	262.25418 09082031	51.032093 0480957	8.9560165 40527344	0.0	0.0	3.2654955 38711548	716.65649 4140625	434.44326 78222656	248.13858 03222656 2	0.0				394.21868 89648437 5				10.978080 74951171 9	966.1	207.955	2396	2365	2390	2022-05- 29T11:15: 03	2022-05- 29T12:14: 28	37.9	20220529-13
3642	reeling_ex change	241.26991 27197265 6	46.966049 19433594	8.2440099 71618652	0.0	0.0	3.0082781 31484985 4	657.26892 08984375	398.46499 63378906	227.57118 22509765 6	0.0	39.985191 34521484 4	13.288103 10363769 5	558.30761 71875	361.46487 42675781	175.08068 84765625	0.0	30.579263 68713379	10.052297 59216308 6	962.1	204.899	2384	2345	2374	2022-05- 29T10:15: 53	2022-05- 29T11:15: 03	38.3	20220529-12
3641	nw_sup_c hange																			958.1	202.963	0	2357	2384	2022-05- 29T11:14: 37	2022-05- 29T11:14: 37	37.5	
3640	nw_inf_ch ange																			957.3	203.235	0	2355	2396	2022-05- 29T11:14: 29	2022-05- 29T11:14: 29	38.2	
3639				28179932		0.0	7	49609375		4		4	5	3828125	328.98495 48339844	5//636/2		5		965.6	206.482	2396	2357	2384	2022-05- 29T09:16: 27	2022-05- 29T10:15: 53	37.6	20220529-11
3638	reeling_ex change	198.25990 29541015 6	38.616260 52856445	6.7635912 89520264	0.0	0.0	2.4683108 32977295	538.89843 75	326.70742 79785156	186.57414 24560547	0.0	32.807712 55493164	10.879937 17193603 5	457.66760 25390625	296.25473 02246094	143.51885 98632812 5	0.0	8	8.2486915 5883789		205.389	2396	2366	2390	2022-05- 29T08:17: 04	2022-05- 29T09:16: 27	37.7	20220529-10
3637	reeling_ex change	177.07484 43603515 6	34.502418 51806640 6	6.0366239 54772949	0.0	0.0	2.2060992 71774292	480.04147 33886719	291.02798 46191406	166.20704 65087890 6	0.0	29.208705 90209961	9.7071113 58642578	407.23696 89941406	263.62579 34570312 5	127.71871 18530273 4	0.0	22.319210 05249023 4	7.3526096 34399414	921.2	186.914	2174	2137	2174	2022-05- 29T07:23: 05	2022-05- 29T08:17: 04	38.1	20220529-09
3636	nw_sup_c hange																			915.8	185.994	0	2355	2396	2022-05- 29T08:16: 37	2022-05- 29T08:16: 37	37.8	
3635	nw_inf_ch ange																			914.5	184.765	0	2349	2389	29	29T08:16: 29	38.3	
3634				25274658		0.0	83630371	640625	49511719	44580078	0.0	25.907278 06091308 6	8.6298351 2878418	360.82809 44824219	233.61193 84765625	113.16965 48461914	0.0		6.5185370 44525146 5	968.7	205.936	2396	2355	2396	47	29T07:23: 05	38.3	20220529-08
3633	reeling_ex change	137.06213 37890625	26.758169 17419433 6	4.6803770 06530762	0.0	0.0	40204200	14140054	6			6907959	11798096	89550781	200.80867 00439453	35888672	0.0	16.991159 43908691 4	15496826	472.9	36.4991	441	446	454	43	29T06:23: 47	38.1	20220529-07
3632				4.2188768 38684082		0.0				118.68898 01025390 6					188.21867 37060547			15.898977 27966308 6	5.2339544 29626465	899.5	177.36	2064	2033	2068	28	29T05:39: 43	38.2	20220529-06
3631	reeling_ex change	104.47534 1796875	20.398307 80029297	3.5662584 30480957	0.0	0.0	1.3049108 98208618 2	291.44906 61621094	176.65722 65625	100.93686 67602539	0.0	17.734962 46337890 6	5.9077591 89605713	247.64401 24511718 8	160.30209 35058593 8	77.662719 7265625	0.0		4.4758033 75244141	966.1	202.721	2384	2338	2381	18	29T04:48: 28	38.2	20220529-05
3630	nw_sup_c hange																			962.1	200.549	0	2349	2389	59	29T04:47: 59	37.7	
3629	nw_inf_ch ange																			960.8	199.87	0	2359	2390	50	29T04:47: 50	37.9	
3628	reeling_ex change					0.0				80.174629 21142578					127.25788 11645507 8			7	3.5506408 21456909		206.948	2396	2349	2389	52	29T03:49: 18	38.2	20220529-04
3627				05//3926		0.0				59.488471 98486328					94.460075 37841797			52455505	2.6546113 49105835	968.6	209.137	2396	2355	2392	27	29T02:49: 52	37.8	20220529-03
3626	reeling_ex change	40.844669 34204101 6	7.9980754 85229492	1.3980743 88504028 3	0.0	0.0	0.5177146 79241180 4	111.71625 51879882 8	67.720237 7319336	38.690650 93994140 6	0.0	6.8122286 79656982	2.2825825 21438598 6	95.483406 06689453	61.805831 90917969	29.941015 24353027 3	0.0	5.1937031 74591064 5	1.7338397 50289917	948.9	202.236	2333	2297	2328	33	29T01:50: 27	37.7	20220529-02
3625	nw_sup_c hange																			944.9	200.497	0	2359	2390	59	29T01:49: 59	37.9	
3624	nw_inf_ch ange																			943.6	199.885	0	2362	2395	49	29T01:49: 49	37.6	
3623				0.6820706 12907409 7		0.0	0.2478839 01000022 9	53.721408 84399414	32.561824 79858398 4	18.599294 66247558 6	0.0				31100303			56884765	0.8413931 72740936 3	965.7	205.138	2396	2359	2390	06	29T00:52: 33	37.6	20220529-01
3622	cnange	50488281	28149414			0.0				487.40417 48046875					789.87310 79101562				21.411262 51220703	965.6	203.455	2396	2365	2397	42	28T23:53: 06	37.7	20220528-27
3621	reeling_ex change	487.79565 4296875	97.003700 25634766	17.968061 44714355 5	0.0	0.0	6.0715451 24053955	1324.0319 82421875	830.32537 84179688	466.60900 87890625	0.0	81.705329 89501953	27.008335 11352539	1121.9321 2890625	757.51934 81445312	357.77914 42871094	0.0	61.906635 28442383	20.493005 75256347 7	948.4	197.701	2309	2276	2308	23	28T22:53: 42	38.0	20220528-26
3620	nw_sup_c hange																			944.0	194.8	0	2362	2395	2022-05- 28T22:53: 11	28T22:53:	38.0	

ID		A1	A2	А3	A4	A5	A6	B1	B2	B3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3619	nw_inf_ch ange																			942.7	194.284	0	2356	2394		2022-05- 28T22:53: 01	38.3	
3618	reeling_ex change	466.60690 30761719	92.896965 02685547	17.232301 71203613 3	0.0	0.0	5.7996349 3347168	1267.0477 29492187 5	795.79644 77539062	446.86984 25292969	0.0	78.230155 94482422	25.868562 69836425 8	1073.4056 39648437 5	726.08813 4765625	342.55648 80371094	0.0	71289062	19.640817 64221191 4	967.8	203.916	2396	2362	2395	2022-05- 28T20:56: 57	2022-05- 28T21:56: 23	38.1	20220528-25
3617				16.485706 32934570 3		0.0	18023682	8359375	760.01580 81054688	78613281		74.697120 6665039	24.695960 99853515 6	1022.4731 4453125	693.07659 91210938	326.57781 98242187 5	0.0		18.708030 70068359 4	967.8	206.401	2396	2365	2400		2022-05- 28T20:56: 57	38.2	20220528-24
3616	reeling_ex change	422.76287 84179687 5	84.410392 76123047	15.737137 79449462 9	0.0	0.0	5.2586369 51446533	1148.0469 97070312 5	723.66363 52539062	405.64672 8515625	0.0	71.024200 43945312	23.462013 24462890 6	971.85266 11328125	660.30554 19921875	310.73483 27636719	0.0	53.774715 42358398 4	17.789529 80041504	953.9	200.867	2348	2311	2346		2022-05- 28T19:57: 33	37.6	20220528-23
3615	nw_sup_c hange																			948.9	199.171	0	2356	2394		2022-05- 28T19:57	38.0	
3614	nw_inf_ch ange																			948.0	198.739	0	2360	2387		2022-05- 28T19:56: 53	38.1	
3613	reeling_ex change	400.57965 08789062 5	80.081268 31054688	14.976156 23474121 1	0.0	0.0	4.9793968 20068359	1089.3316 65039062 5	688.03582 76367188	385.30093 38378906	0.0	67.420730 59082031	22.287199 02038574 2	921.94110 10742188	627.98461 9140625	295.09011 84082031	0.0	51.051033 02001953	16.895769 11926269 5	960.8	205.307	2396	2356	2394		2022-05- 28T18:59: 16	38.1	20220528-22
3612	reeling_ex change	378.47720 33691406	75.769027 70996094	14.225913 04779052 7	0.0	0.0	4.7076859 47418213	1029.3244 62890625	651.63140 86914062	364.49642 94433594	0.0	63.752208 7097168	21.095884 32312011 7	871.17449 95117188	595.06842 04101562	279.18957 51953125	0.0	48.259449 00512695	16.006378 17382812 5	957.7	205.557	2396	2361	2398		2022-05- 28T17:59: 50	38.2	20220528-21
3611	reeling_ex change	356.46423 33984375	71.451118 46923828	13.480737 68615722 7	0.0	0.0			614.86407 47070312		0.0	60.012580 87158203	19.857622 14660644 5	820.47747 80273438	562.04412 84179688	263.30795 28808594	0.0		15.074355 12542724 6	907.4	184.728	2159	2126	2151	2022-05- 28T16:06: 52	2022-05- 28T17:00: 26	37.9	20220528-20
3610	nw_sup_c hange																			903.1	184.926	0	2360	2387		2022-05- 28T16:59: 53	38.2	
3609	nw_inf_ch ange																			901.3	183.429	0	2364	2384	2022-05- 28T16:59: 44	2022-05- 28T16:59: 44	37.6	
3608	reeling_ex change	335.32275 390625	67.303558 34960938	12.760345 45898437 5	0.0	0.0	4.1764764 7857666	914.43695 06835938	581.94232 17773438	324.68774 4140625	0.0	56.666088 10424805	18.765537 26196289	774.32116 69921875	531.81744 38476562	248.84797 66845703	0.0	15405273	14.256208 41979980 5	960.5	205.854	2396	2360	2387	2022-05- 28T15:07: 33	2022-05- 28T16:06: 52	37.9	20220528-19
3607	reeling_ex change	313.88272 09472656	63.109806 06079101 6	12.040049 55291748	0.0	0.0	3.9084277 15301513 7	853.81237 79296875	545.19641 11328125	303.65408 32519531	0.0	52.995422 36328125	17.558652 87780761 7	723.85864 2578125	498.71603 39355469	233.05313 11035156 2	0.0	40.223155 9753418	13.352611 54174804 7	266.5	9.9631	132	129	131	2022-05- 28T15:04: 10	2022-05- 28T15:07: 33	38.1	20220528-18
3606	reeling_ex change	311.91583 25195312 5	62.738452 91137695	11.966479 30145263 7	0.0	0.0	3.8817050 45700073 2	850.53723 14453125	543.20770 26367188	302.51431 27441406	0.0	52.798377 99072265 6	17.493761 06262207	720.66833 49609375	496.60256 95800781	232.03680 41992187 5	0.0	40.086437 2253418	13.297008 51440429 7	961.2	207.955	2396	2370	2396		2022-05- 28T15:04: 10	38.2	20220528-17
3605	reeling_ex change	290.05337 52441406	58.451080 32226562 5	11.229918 47991943 4	0.0	0.0	3.6172466 27807617	789.82641 6015625	506.39898 68164062 5	281.47158 81347656	0.0	49.115112 3046875	16.275644 30236816 4	669.66308 59375	463.14916 9921875	216.07116 69921875	0.0		12.369229 31671142 6	944.0	204.633	2350	2318	2340	2022-05- 28T13:06: 26	2022-05- 28T14:04: 46	37.8	20220528-16
3604	nw_sup_c hange																			940.5	202.605	0	2364	2384		2022-05- 28T14:04: 20	38.3	
3603	nw_inf_ch ange																			939.2	202.154	0	2363	2385		2022-05- 28T14:04: 10	37.7	
3602	reeling_ex change	267.73168 9453125	54.007041 93115234 4	10.334283 82873535 2	0.0	0.0	3.3384726 04751587	730.06274 4140625	470.16601 5625	260.73461 9140625	0.0	45.442409 51538086	15.074719 42901611 3	619.55377 19726562	430.25848 38867187 5	200.36502 07519531 2	0.0		11.464502 33459472 7	956.4	207.029	2396	2364	2384	2022-05- 28T12:07	2022-05- 28T13:06: 26	37.6	20220528-15
3601	reeling_ex change	245.56036 37695312 5	49.640335 08300781	9.4380226 1352539	0.0	0.0	3.0655949 11575317 4	669.08465 57617188	433.20605 46875	239.58778 38134765 (0.0	41.780849 45678711	13.844072 34191894 5	568.11431 88476562	396.54660 03417969	184.25785 82763672	0.0		10.547235 48889160 2	959.9	208.88	2396	2367	2392	2022-05- 28T11:07: 36	2022-05- 28T12:07	37.5	20220528-14
3600	reeling_ex		45.367630	8.6989908		0.0	2.8004024 02877807 6				0.0	38.058879 85229492	12.611213 68408203 1	516.43951 41601562	362.64978 02734375	168.06042 48046875	0.0	29.011455 53588867 2	9.6051101 68457031	955.5	202.522	2359	2322	2348		2022-05- 28T11:07: 36	38.2	20220528-13
3599	nw_sup_c hange																			951.5	202.237	0	2363	2385	28T11:07:	2022-05- 28T11:07: 09	38.3	
3598	nw_inf_ch ange																			950.2	200.734	0	2355	2386	2022-05-	2022-05- 28T11:07:	37.6	
3597	change	96484375	79418945			0.0	2.5303597 45025634 8	548.87487 79296875	360.38546 75292969	197.88102 72216797	0.0	34.417758 94165039	11.409312 24822998	466.04553 22265625	329.62612 91503906	152.26141 35742187 5	0.0	26.269866 94335937 5	8.7067127 2277832	967.8	208.043	2396	2363	2385	2022-05- 28T09:09:	2022-05- 28T10:09: 03	38.3	20220528-12
3596	reeling_ex change	180.66661 07177734 4	36.930641 17431640 6	6.9948549 27062988	0.0	0.0	2.2585148 81134033					30.722646 71325683					0.0	23.472501 75476074 2	7.7813172 34039307	969.2	208.291	2396	2368	2390	2022-05- 28T08:10:	2022-05- 28T09:09: 36	38.1	20220528-11
3595				6.2335424 42321777		0.0			286.64050 29296875			27.032503	8.9514789		262.12469	119.94390			6.8320388 79394531		201.466	2309	2269	2299		2022-05- 28T08:10:	38.3	20220528-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3595	reeling_ex change	5	4	6.2335424 42321777	0.0	0.0	4		286.64050 29296875	5	0.0	8		363.01333 61816406	5	5	0.0	7	6.8320388 79394531	952.4	201.466	2309	2269	2299	53	12	38.3	20220528-10
3594	nw_sup_c hange																			948.9	197.351	0	2355	2386	2022-05- 28T08:09: 45	2022-05- 28T08:09: 45	37.5	
3593	nw_inf_ch ange																			947.6	198.917	0	2178	2205	2022-05- 28T08:09: 36	2022-05- 28T08:09: 36	38.3	
3592	reeling_ex change	137.30093 38378906 2	28.279241 56188965	5.3676724 43389893	0.0	0.0	1.7162142 99201965 3	368.40145 87402344	251.10409 54589843 8	135.33114 62402343 8	0.0	23.471837 99743652 3	7.7636356 35375977	312.87649 53613281	229.33493 04199218 8	104.22403 71704101 6	0.0	17.937910 07995605 5	5.9266848 56414795	972.7	209.427	2396	2355	2386	2022-05- 28T06:13: 27	2022-05- 28T07:12: 53	37.6	20220528-09
3591				4.5708255 76782227		0.0	1.4538550 37689209	307.31997 68066406	214.08961 48681640 6	114.18142 70019531 2	0.0	19.782215 11840820 3	6.5415573 12011719	261.09005 73730469	195.84722 90039062 5	87.996459 9609375	0.0	15.075893 40209961	4.9849123 95477295	975.3	209.974	2396	2361	2391	2022-05- 28T05:14: 04	2022-05- 28T06:13: 27	37.5	20220528-08
3590				3.7192862 03384399 4		0.0			176.90122 98583984 4			16.079734 80224609 4	5.3048148 1552124	209.25714 11132812 5	162.32344 05517578	71.724029 54101562	0.0	12.271641 73126220 7	4.0362515 44952393	899.5	181.276	2072	2037	2063	2022-05- 28T04:22: 37	2022-05- 28T05:14: 04	38.1	20220528-07
3589	nw_sup_c hange																			895.5	181.827	0	2178	2205		2022-05- 28T05:13: 37	37.6	
3588	nw_inf_ch ange																			893.8	181.668	0	2425	2425		2022-05- 28T05:13: 27	37.6	
3587	reeling_ex change	76.384941 10107422	16.330533 98132324 2	2.9641582 96585083	0.0	0.0	00324027	193.21446 22802734 4	144.95387 26806640 6	74.663505 55419922	0.0	12.898945 80841064 5	4.2400717 73529053	163.96022 03369140 6	132.81394 95849609 4	57.518257 14111328	0.0		3.2466094 49386596 7	932.1	193.023	2215	2178	2205	2022-05- 28T03:27: 46	2022-05- 28T04:22: 37	37.8	20220528-06
3586				2.1956844 32983398 4		0.0	0.7109846 47274017 3	135.90045 16601562 5	110.20436 85913086	54.804546 35620117	0.0	9.3968763 35144043	3.0746200 08468628	115.73127 74658203 1	101.39051 05590820 3	42.387004 85229492	0.0	7.1331624 98474121	2.3711879 25338745	241.3	7.0803	99	97	98	2022-05- 28T03:25: 14	2022-05- 28T03:27: 46	38.0	20220528-05
3585	reeling_ex change		39031982	2.1328940 39154052 7	0.0	0.0	0.6922374 36771392 8	133.51478 57666015 6	108.76205 44433593	53.986370 08666992	0.0	9.2665081 02416992	3.0466783 04672241	113.44180 29785156 2	99.893737 79296875	41.669582 36694336	0.0	6.9954252 24304199	2.3161404 13284301 8	929.9	194.589	2215	2184	2206	2022-05- 28T02:30: 22	2022-05- 28T03:25: 14	37.7	20220528-04
3584	reeling_ex change	35.028728 48510742	8.3377895 35522461	1.3925780 05790710 4	0.0	0.0	0.4479490 22054672 24	75.385772 70507812	73.500793 45703125	33.856971 74072265 6	0.0	5.7214465 14129639	1.8586213 5887146	65.202735 9008789	68.391113 28125	26.523246 76513672	0.0	4.3720455 16967773	1.4585291 14723205 6	496.3	50.5332	566	561	570		2022-05- 28T02:30: 22	38.3	20220528-03
3583	state_wor king	28.203323 36425781 2	6.9891715 04974365	1.1279414 89219665 5	0.0	0.0	0.3630274 53422546 4	57.616954 8034668	62.720027 92358398 4	27.694957 73315429 7	0.0	4.6037917 137146	1.5131464 00451660 2	49.781505 5847168	58.364356 99462890 6	21.683786 39221191 4	0.0	3.5408546 92459106 4	1.1795314 55039978	205.6	2.70522	0	0	0		2022-05- 28T02:12: 17	10.0	
3582	state_start	28.133489 60876465	6.9750046 7300415	1.1173965 93093872	0.0	0.0	0.3630274 53422546 4	57.426589 96582031	62.607006 07299805	27.633188 24768066 4	0.0			49.587032 31811523 4				3.5408546 92459106 4	1.1795314 55039978	204.5	2.52487	0	0	0		2022-05- 28T02:12: 04	9.9	
3581	state_wor king	28.119367 59948730 5	6.9750046 7300415	1.1173965 93093872	0.0	0.0	0.3630274 53422546 4	57.413097 3815918	62.607006 07299805	27.633188 24768066 4	0.0	4.6037917 137146	1.4842779 63638305 7	49.587032 31811523 4	58.237148 28491211	21.631196 97570800 8		3.5408546	1.1795314 55039978		2.52487	0	0	0		2022-05- 28T02:12: 01	9.9	
3580	state_start	28.069742 20275879	6.9750046 7300415	1.1173965 93093872	0.0	0.0	0.3630274 53422546 4	57.413097 3815918	62.607006 07299805	27.633188 24768066 4	0.0	4.6037917 137146	1.4842779 63638305 7	49.587032 31811523 4	58.237148 28491211	21.631196 97570800 8	0.0	3.5408546 92459106 4	1.1795314 55039978	206.4	2.34453	0	0	0		2022-05- 28T02:11: 51	9.9	
3579	state_wor king	28.062582 01599121	6.9750046 7300415	1.1173965 93093872	0.0	0.0	0.3630274 53422546 4	57.413097 3815918	62.607006 07299805	27.633188 24768066 4	0.0	4.6037917 137146	1.4842779 63638305 7	49.587032 31811523 4	58.237148 28491211	21.631196 97570800 8	0.0	3.5408546 92459106 4	1.1795314 55039978	199.3	2.34453	0	0	0		2022-05- 28T02:11: 49	9.9	
3578	state_start	27.885536 19384765 6	6.9325003 6239624	1.1068866 25289917	0.0	0.0	0.3630274 53422546 4	56.352165 22216797	61.954711 9140625	27.260015 4876709	0.0	4.5380907 05871582	1.4842779 63638305 7	48.807788 84887695	57.719303 13110351 6	21.376607 89489746	0.0		1.1516036 98730468 8	179.8	0.541143	0	0	0	2022-05- 28T02:08: 17	2022-05- 28T02:08: 17	5.3	
3577	state_stop	23.798219 68078613 3	6.1326065 06347656	0.9599889 51683044 4	0.0	0.0	0.3062953 65095138 55	49.922824 85961914	57.807941 43676758	24.963491 43981933 6	0.0	4.1439576 14898682	1.3395447 73101806 6	43.577575 68359375	54.321762 08496094	19.738348 00720215	0.0	73794555	1.0676519 87075805 7	181.7	0.63448	0	0	0		2022-05- 28T01:16: 34	0.0	
3576				0.9495081 30550384 5		0.0	0.3062953 65095138 55	49.720817 56591797	57.570789 3371582	24.854366 30249023 4	0.0	4.1439576 14898682	1.3395447 73101806 6	43.044750 21362305	53.642387 39013672	19.497323 98986816 4	0.0	3.1943311 69128418	1.0396680 83190918	941.0	208.925	2324	2316	2316		2022-05- 28T01:15: 24	32.7	20220528-02
3575	state_start	23.798219 68078613 3	6.1326065 06347656	0.9599889 51683044 4	0.0	0.0	0.3062953 65095138 55	49.922824 85961914	57.807941 43676758	24.963491 43981933 6	0.0	4.1439576 14898682	1.3395447 73101806 6	43.577575 68359375	54.321762 08496094	19.738348 00720215	0.0	73794555	1.0676519 87075805 7	181.4	0.54384	0	0	0		2022-05- 28T01:16: 18	4.8	
3574	nw_sup_c hange																			176.0	210.466	0	2425	2425		2022-05- 28T01:15: 52	33.0	
3573	nw_inf_ch ange																			176.0	209.088	0	2405	2405	28T01:15:	2022-05- 28T01:15: 42	32.9	
3572	reeling_ex change	2.5909399 98626709	0.6582476 49669647 2	0.1052969 91765499 11	0.0	0.0	0.0386155 76922893 524	6.5741486 54937744	7.6143460 27374268	3.2941060 06622314 5	0.0	0.5267337 56065368 7	0.1750576 79414749 15	5.5299701 69067383	6.8946385 38360596	2.5074775 21896362 3	0.0		0.1409793 79415512 08	966.1	221.807	2435	2425	2425	27T22:59:	2022-05- 28T00:08: 51	33.1	20220528-01
3571	reeling_ex	449.75216	106.63093	16.537345 88623047		0.0	5.7614922	924.68365	1122.6235 3515625	361.35195		74.874633	24.857709	796.81225 5859375	1046.6115	281.92803	0.0		10 102565	965.6	222.243	2434	2440	2440		2022-05- 27T22:59:	32.6	20220527-21

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3571		449.75216 67480469	1	16.537345 88623047	0.0	0.0	5	4/851562	3515625	361.35195 92285156		7890625	5	5859375	72265625	5	0.0	57.845592 4987793	19.192565 91796875	965.6	222.243	2434	2440	2440	40	15	32.6	20220527-21
3570	reeling_ex change	427.91183 47167969	100.97679 13818359 4	15.656207 08465576 2	0.0	0.0	5.4743523 59771728 5	879.40856 93359375	1070.1883 54492187 5	338.70538 33007812 5	0.0	71.113288 87939453	23.601905 82275390 6	757.41802 97851562	997.70837 40234375	264.10018 92089844	0.0	54.943668 36547851 6	18.221002 57873535	962.6	219.521	2440	2432	2432	2022-05- 27T20:39: 50	2022-05- 27T21:49: 40	33.3	20220527-20
3569	nw_sup_c hange																			958.6	218.649	0	2405	2405	2022-05- 27T21:49: 05	2022-05- 27T21:49: 05	32.6	
3568	nw_inf_ch ange																			957.7	217.9	0	587	587	2022-05- 27T21:48: 58	2022-05- 27T21:48: 58	32.5	
3567	reeling_ex change	406.19302 36816406	95.270477 29492188	14.791011 81030273 4	0.0	0.0	5.1938586 23504639	833.77691 65039062	1017.3921 50878906 2	315.86947 63183594	0.0	67.343803 40576172	22.373050 68969726 6	718.48028 56445312	949.26617 43164062	246.45491 02783203	0.0	52.054794 31152344	17.267395 01953125	956.4	216.811	2414	2405	2405	2022-05- 27T19:30: 48	2022-05- 27T20:39: 50	33.1	20220527-19
3566	reeling_ex change	383.70761 10839844	89.449104 30908203	13.913509 36889648 4	0.0	0.0	4.9003076 55334473	788.65637 20703125	965.15295 41015625	293.28817 74902344	0.0	63.585800 17089844	21.140226 36413574 2	679.22845 45898438	900.30743 40820312	228.68963 62304687 5	0.0	77929687	16.305696 48742675 8	954.6	223.082	2414	2417	2417	2022-05- 27T18:21: 48	2022-05- 27T19:30: 48	32.9	20220527-18
3565	reeling_ex change	361.04644 77539062 5	83.552055 35888672	13.023081 77947998	0.0	0.0	4.6046185 49346924	742.81066 89453125	912.04876 70898438	270.34274 29199219	0.0	59.833854 67529297	19.865081 78710937 5	639.85839 84375	851.27838 13476562	210.86003 11279297	0.0	46.225143 43261719	15.342115 40222168	875.7	188.153	2034	2027	2027	2022-05- 27T17:23: 44	2022-05- 27T18:21: 48	33.2	20220527-17
3564	nw_inf_ch ange																			870.4	188.632	0	2406	2401	2022-05- 27T18:21: 07	2022-05- 27T18:21: 07	32.7	
3563	nw_sup_c hange																			870.0	188.537	0	2406	2401	2022-05- 27T18:21: 06	2022-05- 27T18:21: 06	33.1	
3562	reeling_ex change	342.43005 37109375	78.764747 6196289	12.308708 19091796 9	0.0	0.0	4.3624658 58459473	703.37518 31054688	866.33233 64257812	250.61978 14941406 2	0.0	56.564384 46044922	18.778226 85241699 2	605.76263 42773438	808.82519 53125	195.42411 80419922	0.0	50585937	14.503728 86657714 8	463.7	53.6961	580	587	587		2022-05- 27T17:23: 44	33.1	20220527-16
3561		337.34768 67675781	77 440216	12.118332		0.0	4.2927312 85095215	693.40747 0703125	854.77429 19921875	245.63758 85009765 6	0.0	55.718696 59423828	18.512739 18151855 5	596.49066 16210938	797.27551 26953125	191.21173 09570312 5		26074219			3.76489	0	0	0		2022-05- 27T17:08: 14	12.3	
3560	state_start	337.02349 85351562 5	77.368041 9921875	12.107754 70733642 6	0.0	0.0	4.2927312 85095215	692.58636 47460938	853.82714 84375	245.23165 89355468 8	0.0	55.647834 77783203	18.482297 89733886 7	595.96569 82421875	796.66540 52734375	190.98497 00927734 4	0.0	42.941268 92089844	14.274343 49060058 6	107.8	0.991475	0	0	0	2022-05- 27T17:03: 02	2022-05- 27T17:03: 02	3.9	
3559	state_stop	336.85638 42773437 5	77.324737 54882812	12.097176 55181884 8	0.0	0.0	4.2827997 2076416	692.58636 47460938	853.82714 84375	245.23165 89355468 8	0.0	55.647834 77783203	18.482297 89733886 7	595.96569 82421875		190.98497 00927734 4	0.0	92089844			0.892328	0	0	0	2022-05- 27T16:59: 30	2022-05- 27T16:59: 30	0.0	
3558	state_start	336.75970 45898437 5	77.295867 91992188	12.097176 55181884 8	0.0	0.0	4.2827997 2076416	692.58636 47460938	853.82714 84375	245.23165 89355468 8	0.0	55.647834 77783203	18.482297 89733886 7	595.96569 82421875	796.66540 52734375	190.98497 00927734 4	0.0	42.941268 92089844	14.274343 49060058 6	107.8	0.892328	0	0	0	2022-05- 27T16:59: 20	2022-05- 27T16:59: 20	3.8	
3557	state_stop	318.85635 37597656	72.717155 45654297	11.441901 20697021 5	0.0	0.0	4.0558910 36987305	679.30114 74609375	838.41058 34960938	238.57893 37158203	0.0	54.600440 97900390 6	18.121452 33154297	583.67565 91796875	781.34741 2109375	185.41058 34960937 5	0.0		13.959826		1.28845	0	0	0	2022-05- 27T15:41: 46	2022-05- 27T15:41: 46	0.0	
3556	state_start	318.70727 5390625	72.688179 01611328	11.431650 16174316 4	0.0	0.0	4.0558910 36987305	679.30114 74609375	838.41058 34960938	238.57893 37158203	0.0	54.600440 97900390 6	18.121452 33154297	583.67565 91796875	781.34741 2109375	185.41058 34960937 5	0.0	42.053188 32397461	13.959826 46942138 7	116.2	1.18934	0	0	0	2022-05- 27T15:41: 32	2022-05- 27T15:41: 32	5.3	
3555	reeling_ex change	318.08895 87402344	72.543113 7084961	11.411148 07128906 2	0.0	0.0	4.0460643 76831055	678.22399 90234375	837.08398 4375	238.20307 92236328	0.0	54.468429 56542969	18.092885 97106933 6	582.99237 06054688		185.19239 80712890 6	0.0	41.984848 02246094	46942138 7		222.727	2264	2260	2256	2022-05- 27T14:35: 41	2022-05- 27T15:40: 27	33.1	20220527-15
3554	reeling_ex change	295.51974 48730469	67.376937 86621094	10.609665 87066650 4	0.0	0.0	3.7622826 09939575	630.86480 71289062	778.53991 69921875	221.56378 17382812 5	0.0	50.643257 14111328	16.817390 44189453	542.87011 71875	727.19171 14257812	172.44869 99511718 8	0.0	39.116184 23461914	12.993828 77349853 5	957.3	236.52	2414	2415	2411		2022-05- 27T14:35: 41	32.8	20220527-14
3553	reeling_ex change	270.77136 23046875	61.775112 15209961	9.7193641 66259766	0.0	0.0	3.4453907 01293945 3	580.99011 23046875	716.91021 72851562	204.03709 41162109 4	0.0	46.628582 00073242	15.505379 67681884 8	499.87017 82226562 5	670.05169 67773438	158.78578 18603515 6	0.0	20947265	11.947303 77197265 6	960.9	239.837	2454	2445	2441		2022-05- 27T13:26: 41	32.7	20220527-13
3552	nw_sup_c hange																			955.5	237.404	0	2406	2401		2022-05- 27T13:26: 09	32.9	
3551	nw_inf_ch ange																			954.2	236.912	0	2402	2401		2022-05- 27T13:26	32.6	
3550						0.0	59259033	84765625	765625						611.86407 47070312			28662109 4	10.904144 28710937 5		237.387	2414	2406	2401		2022-05- 27T12:16: 30	32.8	20220527-12
3549	cnange	223.25195 3125	8215332	82348633		0.0	33328247	46144531	790875						554.94799 8046875			4	9.8767299 65209961		237.173	2414	2413	2409		2022-05- 27T11:07: 27	32.8	20220527-11
3548	reeling_ex change	200.10325 62255859 4	45.759033 203125	7.1901278 49578857	0.0	0.0	2.5465943 81332397 5	430.69644 16503906	531.46557 6171875	151.21357 72705078	0.0	34.537857 05566406	11.474488 25836181 6	370.26086 42578125	497.57870 48339844	117.59860 22949218 8	0.0	26.773509 97924804 7	8.8624773 0255127	972.2	234.73	2427	2416	2414		27T09:58:	32.7	20220527-10
3547	nw_sup_c hange																			968.3	235.954	0	2402	2401	2022-05- 27T09:57: 52	2022-05- 27T09:57: 52	32.8	

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3546	nw_inf_ch ange																			967.4	231.976	0	2405	2405		2022-05- 27T09:57: 45	32.9	
3545	state_wor king	178.06539 91699218 8	40.685985 56518555	6.3909029 96063232	0.0	0.0	2.2712571 62094116	385.39437 86621094	475.57614 13574219	135.30328 36914062 0 5	0.0	30.888969 42138672	10.285778 99932861 3	330.89395 14160156	445.12100 21972656	105.10194 39697265 6	0.0	5			19.3037	0	0	0		2022-05- 27T08:55: 09	33.0	
3544	state_wor king	177.86360 16845703	40.630779 26635742	6.3909029 96063232	0.0	0.0	2.2620031 83364868	383.98281 86035156	473.83364 86816406	134.80722 04589843 0	0.0	30.758701 32446289	10.258794 78454589 8	329.88720 703125	443.80770 87402344	104.78092 19360351 6		23.834148 40698242 2			12.8958	0	0	0		2022-05- 27T08:53: 39	32.7	
3543	state_wor king	177.86360 16845703	40.630779 26635742	6.3909029 96063232	0.0	0.0	2.2620031 83364868	383.98281 86035156	473.83364 86816406	134.80722 04589843 8	0.0	30.758701 32446289	10.258794 78454589 8	329.88720 703125	443.80770 87402344	104.78092 19360351 6	0.0	23.834148 40698242 2			12.8958	0	0	0	2022-05- 27T08:53: 33	2022-05- 27T08:53: 33	32.7	
3542	state_wor king	177.86360 16845703	40.630779 26635742	6.3909029 96063232	0.0	0.0	2.2620031 83364868	383.98281 86035156	473.83364 86816406	134.80722 04589843 8	0.0	30.758701 32446289	10.258794 78454589 8	329.88720 703125	443.80770 87402344	104.78092 19360351 6	0.0	2	7.8804645 53833008		12.8958	0	0	0	2022-05- 27T08:53: 28	2022-05- 27T08:53: 28	32.7	
3541	reeling_ex change	176.20014 95361328	40.258277 89306640 6	6.3280806 54144287	0.0	0.0				133.81260 68115234 4		30.563299 17907715	10.177874 56512451 2	327.34588 62304687 5	440.39764 40429687 5	103.96523 28491211	0.0	8			235.723	2414	2402	2401		2022-05- 27T08:48: 59	32.8	20220527-09
3540	reeling_ex change	153.18684 38720703	34.979980 46875	5.5108065 60516357	0.0	0.0				116.32375 33569336		26.585359 57336425 8	8.8292808 53271484	284.65859 98535156	383.29208 37402344	90.409202 5756836	0.0	20.631759 64355468 8	6.8129968 64318848	971.6	238.112	2414	2414	2414		2022-05- 27T07:39: 56	33.1	20220527-08
3539	reeling_ex change	130.00163 26904297	29.635532 37915039	4.6712598 80065918	0.0	0.0	1.6455130 57708740 2	281.53964 23339844	347.44723 51074219	98.833564 75830078	0.0	22.532037 73498535	7.4953455 92498779	241.77368 1640625	325.81866 45507812 5	76.802062 98828125	0.0	17.565628 05175781 2	5.7691860 19897461	977.5	244.428	2498	2489	2489		2022-05- 27T06:30: 54	32.8	20220527-07
3538	nw_inf_ch ange																			973.1	241.907	0	2375	2375		2022-05- 27T06:30: 15	33.1	
3537	nw_sup_c hange																			973.1	241.983	0	2375	2375		2022-05- 27T06:30: 14	33.1	
3536	reeling_ex change	105.60498 80981445 3	24.040716 17126465	3.7842121 12426758	0.0	0.0	1.3384653 32984924 3	230.02702 33154297	283.89266 96777344	80.754516 6015625	0.0	18.432929 99267578						14.307212 82958984 4	4.7258715 62957764	964.3	236.136	2415	2405	2405		2022-05- 27T05:19: 27	32.6	20220527-06
3535				2.9641900 06256103 5		0.0	66033935	180.64822 38769531 2		63.424678 80249023 0 4	0.0	14.462985 03875732 4						31500244	3.6889655 59005737 3	918.5	214.798	2200	2195	2195	2022-05- 27T03:07: 39	2022-05- 27T04:10: 27	33.1	20220527-05
3534	reeling_ex change	61.607494 35424805	14.028891 56341552 7	2.2092046 7376709	0.0	0.0	21035003 7	41699218 8	4	82983398 0 4	0.0	10.879054 06951904 3	3.5965111 25564575	116.50052 64282226 6	156.13352 96630859 4	37.000347 13745117	0.0		2.7874431 61010742		12.3296	141	140	141		2022-05- 27T03:07: 39	32.8	20220527-04
3533	reeling_ex change	32592773		2.1777334 21325683 6	0.0	0.0		132.58163 45214843 8	163.63562 01171875	46.539291 38183594	0.0	59771728		16967773	152.43434 14306640 6		0.0	8.2217750 5493164	2.7052216 52984619	980.2	242.034	2468	2458	2459	2022-05- 27T01:52: 55	2022-05- 27T03:03: 30	32.8	20220527-03
3532	nw_sup_c hange																			976.2	239.882	0	2375	2375		2022-05- 27T03:02: 54	32.7	
3531	nw_inf_ch ange																			975.3	239.314	0	2305	2305		2022-05- 27T03:02: 47	33.0	
3530	change	37.060764 31274414	35839844	1		0.0			100.47799 68261718 8		0.0	6.5243620 87249756						51953125		963.0	233.932	2384	2375	2375		2022-05- 27T01:52: 55	33.1	20220527-02
3529				0.5212833 28533172 6	0.0	0.0	34	4	4440310			2.6188397 40753174						6	92671203 6	965.6	234.579	2385	2381	2381		2022-05- 27T00:44: 43	32.5	20220527-01
3528	reeling_ex change	705.79541 015625	64.145561 21826172	23.123430 25207519 5	0.0	0.0	8.0434064 8651123	1303.0367 43164062 5	1476.6817 62695312 5	661.45068 359375	0.0	107.43669 89135742 2	35.584022 52197265 6	1138.8421 63085937 5	1401.3237 3046875	523.81915 28320312	0.0	83.940078 73535156	27.809659 95788574 2	983.4	244.78	2510	2501	2501		2022-05- 26T23:36: 34	32.9	20220526-31
3527	nw_sup_c hange																			973.1	243.738	0	2206	2206	26T23:35: 52	2022-05- 26T23:35: 52	33.0	
3526	nw_inf_ch ange																			972.7	243.738	0	2206	2206	26T23:35: 51		32.7	
3525	reeling_ex change					0.0	55666477	0234375	7109375			103.32044 21997070 3	4	5	5	42480469		80.753204 34570312	26.757709 50317382 8	935.2	224.507	2314	2305	2305	26T21:18: 36		33.1	20220526-30
3524				21.466012 95471191 4		0.0	40142822	8984375	8984375			99.528427 12402344							25.801771 16394043		223.91	2314	2312	2312	26T20:12: 30	2022-05- 26T21:18: 36	32.6	20220526-29
3523	reeling_ex change	637.87579 34570312	48.823738 09814453	20.659519 19555664	0.0	0.0	7.1727409 36279297	1157.6770 01953125	1297.1907 95898437 5	610.40539 55078125	0.0	95.683006 2866211	31.708475 11291504	1014.5075 68359375	1234.2572 02148437 5	484.32492 06542969	0.0	74.916442 87109375	24.826246 26159668	764.6	149.85	1572	1565	1568		2022-05- 26T20:12: 30	33.1	20220526-28

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3522	state_wor king	636.52819 82421875	48.516605 37719726 6	20.607057 57141113 3	0.0	0.0	7.1551971 43554687 5	1154.1209 71679687 5	1292.7937 01171875	609.15710 44921875	0.0	95.422721 86279297						74.713516 23535156	24.764844 89440918	718.7	135.664	0	0	0		2022-05- 26T20:07: 29	12.3	
3521	state_start	636.13208 0078125	48.432994 8425293	20.586072 92175293	2 0.0	0.0	7.1464252 47192383	1154.1209 71679687 5	1292.7937 01171875	609.15710 44921875	0.0	95.422721 86279297	31.613162 99438476 6	1011.5390 01464843 8	1230.2495 1171875	483.37252 80761719	0.0		24.764844 89440918	720.9	135.174	0	0	0		2022-05- 26T20:06: 46	4.6	
3520	nw_sup_c hange																			720.5	135.174	0	2242	2234		2022-05- 26T20:06: 43	7.5	
3519	reeling_ex change	623.04559 32617188	45.486862 18261719	20.115419 38781738 3	0.0	0.0	6.9794573 78387451	1125.2828 36914062 5	1257.1690 67382812 5	599.01812 74414062	0.0	93.080444 3359375	30.841815 94848632 8	987.09405 51757812	1197.4187 01171875	475.62246 70410156	0.0	72.955619 81201172	24.181037 90283203	917.9	212.581	2214	2206	2206		2022-05- 26T19:26: 34	32.8	20220526-27
3518	reeling_ex change	600.88812 25585938	40.474365 234375	19.306636 81030273 4	0.0	0.0				583.19653 3203125		89.444023 13232422	29.634078 97949218 8	948.93151 85546875	1146.1616 2109375	463.50439 453125	0.0	70.184509 27734375	23.259572 98278808 6	916.7	216.236	2214	2217	2217	2022-05- 26T17:20: 03	2022-05- 26T18:23: 15	32.7	20220526-26
3517	reeling_ex change	578.51141 35742188	35.412708 2824707	18.488426 20849609 4	0.0	0.0	6.4056906 70013428	1035.5533 44726562 5	1146.3621 82617187 5	567.49859 61914062	0.0	85.836715 69824219	28.417137 14599609 4	910.40216 06445312	1094.4725 34179687 5	451.26486 20605469	0.0	67.425834 65576172	22.313283 92028808 6	584.3	86.9571	895	896	896		2022-05- 26T17:20: 03	32.7	20220526-25
3516	state_wor king	572.73364 2578125	34.111183 16650390 6	18.275419 23522949 2	0.0	0.0	6.3335752 48718262	1028.4825 43945312 5	1137.6209 71679687 5	565.01385 49804688	0.0	85.261787 41455078	28.252885 81848144 5	904.28155 51757812	1086.2739 2578125	449.31637 57324219	0.0	67.024978 63769531	22.191635 13183593 8	461.4	61.1163	0	0	0		2022-05- 26T17:10: 32	12.5	
3515	state_start	564.13452 1484375	32.165344 23828125	17.950260 16235351 6	0.0	0.0	6.2228875 16021728 5	1025.4949 95117187 5	1133.9394 53125	563.95605 46875	0.0	85.006721 49658203	28.154430 38940429 7	901.86822 50976562	1083.0002 44140625	448.53915 40527344	0.0	66.824775 69580078	22.130828 85742187 5	427.2	52.9232	0	0	0		2022-05- 26T16:56: 26	5.0	
3514	reeling_ex change	558.42913 81835938	30.336709 97619629	17.639612 19787597 7	0.0	0.0	6.1208038 33007812 5					84.179534 91210938	27.892391 20483398 4	892.90917 96875	1070.9973 14453125	445.69152 83203125	0.0	66.158836 3647461	21.918178 55834961	456.6	52.7415	558	562	563		2022-05- 26T16:42: 11	33.1	20220526-24
3513	state_wor king	558.42913 81835938	30.336709 97619629	17.639612 19787597 7	0.0	0.0	6.1208038 33007812 5	1004.1598 51074218 8	1107.6071 77734375	556.46160 88867188	0.0	83.290702 81982422	27.598661 42272949 2	883.45727 5390625	1058.3482 66601562 5	442.69638 06152344	0.0	65.493949 89013672	21.675354 00390625	140.6	3.926	0	0	0	2022-05- 26T16:27: 17	2022-05- 26T16:27: 17	12.2	
3512	state_start	558.42913 81835938	30.336709 97619629	17.639612 19787597 7	0.0	0.0	6.1208038 33007812 5	1002.9892 578125	1106.1577 1484375	556.04882 8125	0.0	83.227241 51611328	27.566156 3873291	882.94580 078125	1057.6644 28710937 5	442.53350 83007812 5	0.0	65.427474 97558594	21.675354 00390625	177.4	1.82604	0	0	0	2022-05- 26T16:22: 57	2022-05- 26T16:22: 57	5.5	
3511	state_stop	554.56353 75976562	29.596622 46704101 6	17.493196 48742675 8	0.0	0.0	6.0695614 8147583	998.74774 16992188	1100.9324 95117187 5	554.55883 7890625	0.0	82.846473 69384766	27.436136 24572754	879.58868 40820312	1053.0933 83789062 5	441.46142 578125	0.0	65.228065 49072266	21.584344 8638916	177.6	1.91733	0	0	0	2022-05- 26T15:19: 40	2022-05- 26T15:19: 40	0.0	
3510	state_start	554.33428 95507812	29.596622 46704101 6	17.493196 48742675 8	0.0	0.0	6.0695614 8147583	998.74774 16992188	1100.9324 95117187 5	554.55883 7890625	0.0	82.846473 69384766	27.436136 24572754	879.50933 83789062	1052.9957 27539062 5	441.42834 47265625	0.0	65.228065 49072266	21.584344 8638916	176.0	1.82603	0	0	0		2022-05- 26T15:19: 26	4.9	
3509	reeling_ex change	554.11737 06054688	29.581497 19238281 2	17.482715 60668945 3	0.0	0.0	6.0695614 8147583	997.55224 609375	1099.6113 28125	553.90808 10546875	0.0			878.27264 40429688			0.0	65.095146 17919922	21.554014 20593261 7	938.0	205.698	2280	2242	2234		2022-05- 26T15:18: 19	52.5	20220526-23
3508	nw_sup_c hange																			1200.0	208.767	0	2361	2353		2022-05- 26T15:18: 52	52.6	
3507	nw_inf_ch ange																			1200.0	208.674	0	2361	2353		2022-05- 26T15:18: 45	52.7	
3506	reeling_ex change	529.75634 765625	4231703	4		0.0	5.7968153 95355225	954.78796 38671875	1052.4458 0078125	530.13043 21289062	0.0	79.165229 79736328	26.223749 1607666	840.79602 05078125	1006.5810 546875	422.01345 82519531	0.0	62.367198 9440918	20.645505 90515136 7	965.2	217.849	2402	2361	2353	2022-05- 26T13:55: 02	2022-05- 26T14:37: 44	53.1	20220526-22
3505	reeling_ex change	503.73553 46679687 5	26.977460 86120605 5	15.842221 2600708	0.0	0.0	5.5177326 20239258	909.47674 56054688	1002.4659 42382812 5	504.95538 33007812 5	0.0	75.417289 73388672	25.001317 97790527 3	801.05279 54101562	958.88299 56054688	402.05642 70019531	0.0	59.439022 06420898 4		967.4	218.49	2402	2366	2360		2022-05- 26T13:55: 02	53.2	20220526-21
3504	reeling_ex change	477.76559 44824219	25.637176 51367187 5	15.008431 43463134 8	0.0	0.0	5.2266297 34039307	864.72509 765625	953.10821 53320312	480.09301 7578125	0.0	71.680717 46826172		761.55102 5390625			0.0	56.513618 46923828	18.698236 4654541	909.8	192.977	2151	2114	2107		2022-05- 26T13:12: 21	52.6	20220526-20
3503	nw_sup_c hange																			907.1	192.523	0	2361	2353		2022-05- 26T13:12: 08	52.6	
3502	nw_inf_ch ange																			905.8	191.792	0	2359	2353	26T13:12	2022-05- 26T13:12	52.6	
3501	reeling_ex change	454.90054 32128906	24.428472 5189209	14.279571 53320312 5	0.0	0.0	4.9769997 59674072	823.70727 5390625	907.86206 0546875	457.30218 50585937 5	0.0	68.257614 13574219	22.645261 76452636 7	725.87969 97070312	868.65832 51953125	364.34371 94824219	0.0	61181640 6	17.846467 97180175 8	968.3	223.812	2402	2361	2353		2022-05- 26T12:34: 06	52.7	20220526-19
3500	reeling_ex change	429.44583 12988281	23.020154 95300293	13.465282 44018554 7	0.0	0.0	4.7046012 87841797	778.35870 36132812	857.88031 00585938	432.11764 52636719	0.0	64.515480 0415039	21.383562 08801269 5	686.08288 57421875	820.78576 66015625	344.39080 81054687 5	0.0	50.920494 07958984 4	16.870687 48474121	279.1	12.4205	160	154	154	26T11:48:	2022-05- 26T11:51: 30	53.0	20220526-18
3499	reeling_ex change	428.08078 00292969	22.932172 77526855 5	13.423950 1953125	0.0	0.0	5	640625	640625				26550293	4765625	84765625	18/5			16.785778 04565429 7	970.7	220.762	2402	2364	2356		2022-05- 26T11:48: 35	53.3	20220526-17
3498	reeling_ex change	401.97116 08886719	21.499580 38330078	12.581529 61730957	0.0	0.0	4.3991045 95184326	729.67413 33007812	804.21905 51757812	405.06201 171875	0.0	60.473793 02978515	20.041805 26733398	643.24652 09960938	769.21917 72460938	322.90493 77441406	0.0		15.809309 00573730	962.2	219.961	2363	2321	2315	2022-05- 26T10:23:	2022-05- 26T11:05:	53.2	20220526-16

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3498		401.97116 08886719			0.0	0.0	4.3991045 95184326	729.67413 33007812	804.21905 51757812	405.06201 171875	0.0	6	4	643.24652 09960938	769.21917 72460938	322.90493 77441406	0.0	47.734176 63574219	5	962.2	219.961	2363	2321	2315	53	54	53.2	20220526-16
3497	nw_sup_c hange																			958.6	220.113	0	2359	2353	2022-05- 26T11:05: 38	2022-05- 26T11:05: 38	52.9	
3496	nw_inf_ch ange																			957.3	219.543	0	2362	2353	26T11:05:	2022-05- 26T11:05: 31	52.9	
3495	reeling_ex change	376.59136 96289062 5	20.135326 38549804 7	11.787653 92303466 8	0.0	0.0	4.1204013 82446289	684.00201 41601562	753.88494 87304688	379.68011 47460937 5	0.0	56.688053 13110351 6	18.808645 24841308 6	602.73382 56835938	720.46081 54296875	302.57418 82324219	0.0	44.742233 27636719		976.9	224.192	2402	2359	2353	2022-05- 26T09:41: 09	2022-05- 26T10:23: 53	53.0	20220526-15
3494	reeling_ex change	351.39019 77539062 5	18.768861 77062988 3	11.000502 58636474 6	0.0	0.0	3.8483517 16995239 3	637.60577 39257812	702.77777 09960938	353.91287 23144531	0.0	52.831604 00390625	17.528976 44042968 8	561.95806 88476562	671.40625	282.11401 3671875	0.0	41.680347 44262695	13.813298 22540283 2	974.9	223.623	2402	2364	2356	2022-05- 26T08:58: 28	2022-05- 26T09:41: 09	53.1	20220526-14
3493	reeling_ex change	325.45925 90332031	17.370962 14294433 6	10.184371 94824218 8	0.0	0.0	3.5603442 19207763 7	591.14819 3359375	651.57653 80859375	328.09381 10351562 5	0.0	48.941032	16.227647	520.89575 1953125	621.87811	261.49386		38.671306 61010742	12.810343 74237060 5	959.0	225.192	2369	2327	2321	2022-05- 26T08:16: 20	2022-05- 26T08:58: 28	53.1	20220526-13
3492	nw_sup_c hange																			956.4	224.035	0	2362	2353	2022-05-	2022-05- 26T08:58: 14	52.7	
3491	nw_inf_ch ange																			955.0	222.217	0	2357	2356	2022-05- 26T08:58: 07		52.7	
3490	reeling_ex change	299.99316 40625	15.996477 12707519	9.3848438 26293945	0.0	0.0	3.2801647 18627929 7	544.68432 6171875	600.37591 55273438	302.29348 75488281	0.0	45.112998 96240234 4	14.953975 67749023	480.01098 6328125	572.63140 86914062	240.97775 26855468 8	0.0		11.808772 08709716 8	968.7	223.981	2402	2362	2353	2022-05-	2022-05- 26T08:16: 20	52.5	20220526-12
3489		295.43380 73730469				0.0	3.2301447 39151001	535.95764	590.76367	297.44119	0.0	44.422149 65820312 5					0.0	08056640	11.619312 28637695 3	871.4	183.85	0	0	0	2022-05- 26T08:08: 23		53.0	
3488		293.50833 12988281				0.0	3.2135064 60189819 3	534.17364 50195312	588.79797 36328125	296.46145 62988281	0.0	44.233699 79858398 4						34.932624	11.565172 19543457	847.6	173.115	0	0	0	2022-05-	2022-05- 26T08:06: 53	53.2	
3487		293.50833 12988281				0.0	3.2135064 60189819 3				0.0	44.233699 79858398	14.682941	470 47384	561.08129	236.18684		34.932624 81689453	11.565172 19543457	847.6	173.115	0	0	0	2022-05-		53.2	
3486		293.50833 12988281				0.0	3.2135064 60189819 3				0.0	•	4.4.0000.44	470.47384 64355469	561.08129 8828125	236.18684 38720703	0.0	34.932624 81689453	11.565172 19543457	847.6	173.115	0	0	0	2022-05-	2022-05- 26T08:06: 43	53.2	
3485	reeling_ex change	274.32623 29101562	14.623318 67218017 6	8.5856370 92590332	0.0	0.0	3.0005946 15936279 3				0.0	41.219913 48266601 6					0.0	32.537334 44213867	10.806677 81829834	969.6	226.081	2402	2365	2356	2022-05-		53.3	20220526-11
3484		248.20497	13.250192 64221191			0.0	2.7200534 34371948 2				0.0	37.391891	12.393374	397.59008 7890625	473.22451	199.60392		29.476505 27954101	9.7797651 29089355	955.4	220.915	2342	2300	2297	2022-05-		52.6	20220526-10
3483	nw_inf_ch ange	0	4				2			4								0		948.9	218.825	0	2359	2353	2022-05-		52.6	
3482	nw_sup_c																			948.9	218.566	0	2359	2353	2022-05-	2022-05- 26T06:50:	53.1	
3481	reeling_ex change	222.30137 63427734 4	11.875056 26678466 8	6.9637088 77563477	0.0	0.0	2.4338946 34246826	405.36163 33007812	446.81332 39746094	224.93090 8203125	0.0	33.560638 42773437 5	11.131209 37347412	357.56076 04980469	425.23358 15429687	179.51788 33007812	0.0		8.7973861 69433594	968.3	225.248	2402	2357	2356	2022-05-	26T06:09:	53.3	20220526-09
3480	reeling_ex	196.72076 41601562 5	10.529606 81915283	0.4040007		0.0	2.1523883 34274292					5 29.615781 78405761 7				158.56381 22558593	0.0	23.447725 29602050	7.7643718 71948242	972.7	226.292	2402	2363	2356	2022-05-	17 2022-05- 26T05:26:	52.6	20220526-08
3479	reeling_ex	171.01200 86669922	9.1627407	5.3588447	0.0	0.0	1.8680543 89953613 3					25.717758 17871093 8						20.391208 64868164	6.7430620		217.567	2307	2266	2261	2022-05- 26T04:02:	26T04:43:	52.6	20220526-07
3478	nw_sup_c hange						3			0		ð		5		۷			5	953.7	216.581	0	2359	2353		26T04:43:	53.0	
3477	nw_inf_ch ange																			952.4	216.103	0	2353	2353	2022-05- 26T04:43:	26T04:43:	52.7	
3476		147.14967 34619140 6	7.8978166 58020019	4.6198182 10601807	0.0	0.0	1.6067417 86003112 8	265.49584 9609375	292.64498 90136719	147.31231 68945312	0.0	21.965288 16223144 5	7.3019928 93218994	234.96386 71875	278.34197 99804687		0.0	17.459751 12915039	5.7712597 84698486	977.0	226.103	2402	2359	2353	2022-05- 26T03:20:	34 2022-05- 26T04:02:	52.5	20220526-06
3475		6 121.03084 56420898 4				0.0	8 1.3263417 48237609 9					5 18.074121 47521972 7			-	7 97.075164 79492188	0.0		4.7544026 37481689 5	979.5	226.008	2402	2365	2354	2022-05- 26T02:37:	51 2022-05- 26T03:20:	53.1	20220526-05
3474	reeling_ex	95.083114 62402344	5.1108965	2.9927606		0.0				9 95.577896 11816406		44054704	4.7000070	152.35668 9453125	470.04040	70 504007			5 3.7541153 43093872		216.159	2320	2276	2273	27 2022-05- 26T01:56:	09 2022-05- 26T02:37:	52.9	20220526-04

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3474	reeling_ex change	95.083114 62402344	5.1108965 87371826	2.9927606 5826416	0.0	0.0	5	8	4	95.577896 11816406	0.0	7	4.7293272 01843262	152.35668 9453125	8	76.501327 51464844	0.0	1	3.7541153 43093872	951.1	216.159	2320	2276	2273	11	27	52.9	20220526-04
3473	nw_sup_c hange																			949.3	216.27	0	2353	2353	2022-05- 26T02:37: 16	2022-05- 26T02:37: 16	53.1	
3472	nw_inf_ch ange																			947.6	215.701	0	2359	2353		2022-05- 26T02:37: 09	53.0	
3471	reeling_ex change	70.201828 00292969	3.7766666 41235351 6	2.2065439 22424316 4	0.0	0.0	0.7663711 90547943 1	127.39880 37109375	140.40963 74511718 8	70.689758 30078125	0.0			112.67021 94213867 2		56.582962 03613281	0.0	8.3766107 5592041	2.7748479 84313965	972.3	225.934	2402	2353	2353	2022-05- 26T01:13: 29	2022-05- 26T01:56: 11	53.4	20220526-03
3470	reeling_ex change	44.796241 76025390 6	2.4244854 45022583	1.4072185 754776	0.0	0.0	0.4881884 45568084 7	80.594154 35791016	88.823631 2866211	44.722736 35864258	0.0	6.6735944 74792480 5	2.1968293 19000244	71.462539 67285156	84.159851 07421875	35.866043 09082031	0.0	5.3195743 56079102	1.7522773 74267578 1	974.6	224.192	2402	2353	2356		2022-05- 26T01:13: 29	52.5	20220526-02
3469	reeling_ex change	19.492351	1.0565708 87565612 8	0.6035702 82459259	0.0	0.0	0.2137398 12374115	34.330898 28491211	37.830028 53393555	19.052314 75830078	0.0	2.8350903 98788452	0.9354577 06451416	30.227592 46826172	35.607887 26806640 6	15.183746 33789062 5	0.0	2.2684838 77182007		948.5	215.131	2298	2250	2252	2022-05- 25T23:49: 53	2022-05- 26T00:30: 47	52.6	20220526-01
3468	nw_sup_c hange																			946.3	213.992	0	2359	2353		2022-05- 26T00:30: 33	53.2	
3467	nw_inf_ch ange																			945.0	213.422	0	2359	2353	2022-05- 26T00:30: 27	2022-05- 26T00:30: 27	52.8	
3466		806.78387 45117188			0.0	0.0	8.9478597 64099121	1513.1477 05078125	1571.8878 17382812 5	799.41455 078125	0.0054656 00173920 393	121.21677 39868164	40.222999 57275390 6	1329.2070 3125	1495.2940 67382812 5	635.64447 02148438	0.0	95.242942 8100586	31.583602 90527343 8	971.4	226.535	2402	2359	2353		2022-05- 25T23:49: 53	52.8	20220525-37
3465	reeling_ex change	780.92395 01953125	52.223617 55371094	25.135686 87438965	0.0	0.0	8.6580801 01013184	1466.7956 54296875	1520.8061 5234375	773.68164	0.0054656 00173920 393	117.37748 71826171 9	38.941131 59179687 5	1287.8781 73828125	1446.7963 8671875	614.86712 64648438	0.0	92.170845 03173828	30.557489 3951416	976.2	226.895	2402	2361	2354	2022-05- 25T22:24: 29	2022-05- 25T23:07: 11	52.7	20220525-36
3464	reeling_ex change	755.41180 41992188	50.842620 84960937 5	24.333681 10656738 3	0.0	0.0	8.3757848 73962402	1420.2329 1015625	1469.5029 296875	747.84088 13476562	0.0054656 00173920 393	113.47344 20776367 2	37.655910 49194336	1246.3621 82617187 5	1397.9641 11328125	594.02923 58398438	0.0	89.111465 45410156	29.535413 74206543	980.6	226.003	2427	2384	2378	2022-05- 25T21:41: 20	2022-05- 25T22:24: 29	53.2	20220525-35
3463	nw_inf_ch ange																			977.5	224.28	0	2359	2353		2022-05- 25T22:24: 11	52.8	
3462	nw_sup_c hange																			977.1	223.805	0	2359	2353		2022-05- 25T22:24: 10	52.7	
3461	reeling_ex change	728.61279 296875	49.396999 35913086	23.503150 93994140 6	0.0	0.0	8.0797624 5880127	1373.0115 96679687 5	1417.4675 29296875	721.62463 37890625	0.0054656 00173920 393	109.55989 07470703 1	36.362815 85693359 4	1204.8446 04492187 5	1349.4086 9140625	573.17492 67578125	0.0	85.980430 60302734	28.512838 36364746	979.3	224.266	2402	2359	2353	2022-05- 25T20:58: 37	2022-05- 25T21:41: 20	52.6	20220525-34
3460	reeling_ex change	701.89343 26171875	47.933078 76586914	22.655334 47265625	0.0	0.0		1000 0171		695.67333 984375	0.0054050		35.063148 49853515					82.907318 11523438	27.493017 19665527 3	980.6	223.337	2402	2363	2357	2022-05- 25T20:15: 56	2022-05- 25T20:58: 37	53.1	20220525-33
3459	reeling_ex change	676.53521 72851562	46.547863 0065918	21.859050 75073242 2	0.0	0.0	7.5114059 44824219	1279.8685 30273437 5	1314.8128 66210937 5	669.90295 41015625	0.0054656 00173920 393	101.85018 92089843 8	33.799068 45092773 4	1121.8371 58203125	1252.1298 828125	531.53112 79296875	0.0		26.480077 74353027 3	957.7	217.402	2341	2299	2293	2022-05- 25T19:34: 17	2022-05- 25T20:15: 56	52.7	20220525-32
3458	nw_sup_c hange																			955.5	218.402	0	2359	2353		2022-05- 25T20:15: 43	53.2	
3457	nw_inf_ch ange																			953.7	217.831	0	2359	2353	2022-05- 25T20:15: 36	2022-05- 25T20:15: 36	52.6	
3456	reeling_ex change	652.17193 60351562	45.217056 27441406	21.096164 70336914	0.0	0.0	7.2462320 32775879	1234.5443 11523437 5	1264.8646 24023437 5	644.74426 26953125	0.0054656 00173920 393	98.120979 30908203	32.540115 35644531	1081.6612 54882812 5	1204.9105 22460937 5	511.35671 99707031	0.0	76.896972 65625	25.482179 64172363 3	970.5	225.628	2402	2359	2353		2022-05- 25T19:34: 17	52.6	20220525-31
3455	reeling_ex change	625.12579 34570312	43.724334 71679687 5	20.247741 69921875	0.0	0.0	6.9461359 97772217	1187.9300 53710937 5	1213.4532 47070312 5	618.84533 69140625	0.0	94.260246 27685547	31.252901 07727050 8	1040.1962 890625	1156.3212 890625	490.54553 22265625	0.0	73.811965 94238281		970.0	221.404	2402	2366	2360	2022-05- 25T18:08: 53	2022-05- 25T18:51: 34	53.0	20220525-30
3454	reeling_ex change	599.73364 2578125	42.331356 04858398 4	19.441093 44482422	0.0	0.0	6.6764616 96624756	1141.2457 27539062 5	1161.9858 3984375	592.93225 09765625	0.0	90.384887 6953125	29.959520 33996582	999.30505 37109375	1108.2379 15039062 5	470.02044 67773437 5	0.0	70.735954 28466797	23.458585 73913574 2	947.6	214.544	2319	2279	2273	25T17:27:	2022-05- 25T18:08: 53	52.6	20220525-29
3453	nw_sup_c hange																			945.4	213.417	0	2359	2353	25T18:08:	2022-05- 25T18:08: 39	53.3	
3452	nw_inf_ch ange																			943.1	212.048	0	2368	2353	25T18:08:	2022-05- 25T18:08: 30	52.7	
3451	reeling_ex change	574.25012 20703125	40.915687 56103515 6	18.644060 13488769 5	0.0	0.0	6.3920626 64031982	1097.2084 9609375	1113.4285 88867187 5	568.47760 00976562	0.0	86.764846 80175781	28.766262 05444336	959.97283 93554688	E027E	450.29754 63867187 5	0.0	67.861366 27197266	22.502130 50842285	967.8	221.217	2402	2359	2353	25T16:44:	2022-05- 25T17:27: 37	53.0	20220525-28
3450	reeling_ex	549.09436 03515625	39.519233	17.849485	0.0	0.0	6.1193103	1050.4514		542.49243		82.884002 68554688	27.469238 28125	918.61865 234375	1013.0603 63769531	429.53588 8671875	0.0		21.486850 73852539		223.168	2402	2363	2356	2022-05- 25T16:02:	2022-05- 25T16:44:	53.3	20220525-27

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3450		549.09436 03515625			0.0	0.0	6.1193103 7902832	1050.4514 16015625	5	542.49243 1640625	0.0	82.884002 68554688	27.469238 28125	918.61865 234375	2	429.53588 8671875	0.0		21.486850 73852539	966.1	223.168	2402	2363	2356	15	55	53.3	20220525-27
3449	reeling_ex change	523.57092 28515625	38.196006 77490234 4	17.047348 02246093 8	0.0	0.0	5.8402895 9274292		1011.6207 27539062 5	517.17285 15625	0.0	79.120300 29296875	26.231231 68945312 5	878.44396 97265625	965.12341 30859375	409.35028 07617187 5	0.0	61.778659 82055664	20.492143 63098144 5	942.4	210.259	2309	2277	2262	2022-05- 25T15:21: 09	2022-05- 25T16:02: 15	53.1	20220525-26
3448	nw_sup_c hange																			939.6	210.202	0	2368	2353		2022-05- 25T16:02: 01	52.5	
3447	nw_inf_ch ange																			937.9	209.822	0	2368	2360	2022-05- 25T16:01: 53	2022-05- 25T16:01: 53	52.6	
3446	reeling_ex change	499.29772 94921875	36.965412 13989258	16.271675 10986328	0.0	0.0	5.5789713 85955810 5	960.31127 9296875	962.46319 58007812	492.41088 8671875	0.0	75.419960 02197266	24.993761 06262207	839.80358 88671875	918.97552 49023438	389.96417 23632812 5	0.0	56103515	19.547609 32922363 3	966.6	219.208	2402	2368	2353	2022-05- 25T14:38: 27	2022-05- 25T15:21: 09	52.5	20220525-25
3445	reeling_ex change	473.32876 58691406	35.533767 70019531	15.456280 70831298	0.0	0.0		914 51983	011 07778	466.98358	0.0	71.599388 1225586	23.730504 98962402	799.23040 77148438	870.51257 32421875	369.61245 72753906	0.0			969.2	219.326	2402	2370	2358	2022-05- 25T13:55: 46		52.9	20220525-24
3444		447.91839		14.639914 51263427		0.0	5.0112390	868.88684		441.63961	0.0		22.491046	758.97027 58789062				52.953601 8371582	17.558794 02160644 5	947.9	214.415	2311	2278	2270	2022-05-		52.5	20220525-23
3443	nw_sup_c hange	3		,									Ü						J	943.1	212.49	0	2368	2360	2022-05-		52.8	
3442	nw_inf_ch ange																			941.8	211.835	0	2359	2353	2022-05-		52.8	
3441	reeling_ex change	422.86886 59667969	32.735836 02905273	13.854337 69226074 2	0.0	0.0	4.7396655 08270264	824.92639 16015625	813.20562 74414062	417.22601 31835937	0.0	64.164306 640625	21.281354 90417480	720.23150 63476562	776.09033 203125	329.98837 28027344	0.0	50.079490 66162109		971.4	220.213	2402	2368	2360	2022-05-		53.2	20220525-22
3440		398.02081	31.374723 43444824	_	0.0	0.0	4.4650831 22253418	779.15301 51367188	762.72393 79882812	391.78814 69726562	0.0			680.31536 86523438					15.624738 69323730 5	980.6	219.757	2402	2369	2361	2022-05- 25T11:49:		53.3	20220525-21
3439		371.96841 43066406			0.0	0.0	4.1844072 34191894 5				0.0	56.572151	18.770622	639.93267 82226562	679.94586	289.69247		44.138355 25512695	14.633289	899.6	192.652	2111	2074	2068	2022-05-	2022-05- 25T11:49:	52.7	20220525-20
3438	nw_sup_c		2	2			5												3	895.6	191.54	0	2359	2353	2022-05- 25T11:49:	25T11:49:	53.0	
3437	nw_inf_ch ange																			894.3	190.892	0	2359	2355	2022-05- 25T11:48:	25T11:48:	53.2	
3436	reeling_ex	349.33728 02734375	28.742805 48095703	11.505825 04272461	0.0	0.0	3.9306840 89660644	693.14965 8203125	667.88153 07617188	344.01712 03613281	0.0	53.242053 9855957	17.665199 27978515	604.73187 25585938	637.60882 56835938	272.02545 16601562	0.0		13.770329 47540283	967.4	220.382	2402	2359	2353	56 2022-05- 25T10:29: 07	56 2022-05- 25T11:11: 42	53.1	20220525-19
3435	reeling_ex	324.23229 98046875	27.368320 46508789	10.717799 18670654	0.0	0.0	3.6537845 13473510 7	647.42608 64257812	617.49511 71875	318.64520 26367187	0.0			564.70709 22851562			0.0	38.550487 51831055	12.804128 64685058	302.5	15.7554	195	191	191	2022-05-	· -	52.9	20220525-18
3434		322.47540 28320312	27 267440		0.0	0.0				316 59710	0.0			561.29309 08203125			0.0	38.350467 68188476	12.699598 31237793	972.8	221.615	2402	2367	2362	2022-05- 25T09:42:		52.6	20220525-17
3433		296.63653 56445312 5	'		0.0	0.0	3.3536601	597.87078	562.89355 46875	291.14590	0.0		15.047009	521.51501 46484375			0.0	35.344749 45068359	11.728273 39172363	917.2	197.63	2141	2103	2100	2022-05- 25T09:04:	2022-05- 25T09:42:	52.8	20220525-16
3432	nw_sup_c	3					9									U		4	3	911.5	196.32	0	2359	2355		25T09:42:	52.9	
3431	nw_inf_ch ange																			909.8	195.906	0	2359	2353		25T09:42:	52.9	
3430		274.16165 16113281	24.644731 52160644	9.1089963 91296387	0.0	0.0	3.1066439 15176391	557.19976 80664062	518.08819 58007812	268.57943 72558594	0.0	41.959075 92773437	13.936849 59411621	485.86898 80371094	493.69165 0390625	212.40699 76806640 6	0.0	32.740829 46777344	10.856076 24053955	970.5	220.593	2402	2359	2355	2022-05- 25T08:22:	25T09:04:	53.2	20220525-15
3429	reeling_ex	249.70257 56835937	23.329744 33898925	8.3309488 29650879	0.0	0.0	2.8439993 85833740 2					38.146724 70092773 4				-	0.0	29.806894 30236816		289.8	13.7421	177	173	173		25T08:22:	52.9	20220525-14
3428		5 247.33039 85595703				0.0	2.8171479	508.24655		241.42614	0.0			442.60656 73828125				20 520705	9.7987279 89196777		221.235	2402	2363	2357	25T07:36:	09 2022-05- 25T08:18:	52.8	20220525-13
3427		221.70242 30957031				0.0	2.5307743 54934692 4						11.324797	402.71591 18652344					8.8176164		219.348	2379	2337	2330	2022-05- 25T06:53:	25T07:36:	52.5	20220525-12
3426	nw_sup_c hange	2	7	. 57 557 50			4	. 1010400	22200020	2		.2033300	9	.3002014	.500-009	4		50020700	0210102	958.6	218.414	0	2359	2353	55 2022-05- 25T07:35:	13 2022-05- 25T07:35:	53.1	
	3.																											

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr 0	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3426	nw_sup_c hange																			958.6	218.414	0	2359	2353	58	58	53.1	
3425	nw_inf_ch ange																			956.8	217.219	0	1950	1949	2022-05- 25T07:35: 51	2022-05- 25T07:35: 51	53.1	
3424	change	4	5		0.0	0.0	2.2716174 12567138 7	417.55065 91796875	364.22235 10742187 5	191.16493 22509765 0 6	.0	30.349195 48034668	10.082492 82836914	362.84017 94433594	346.08288 57421875	150.69003 29589843 8	0.0	23.603868 48449707	7.8360676 76544189 5	968.3	222.619	2402	2359	2353	2022-05- 25T06:11: 19	2022-05- 25T06:53: 55	52.6	20220525-11
3423	reeling_ex change	171.20393 37158203	19.058364 86816406 2	5.8359761 23809814 5	0.0	0.0	1.9785722 49412536 6	372.37377 9296875	314.43392 94433594	166.12039 18457031 0 2	.0	26.594032 28759765 6	8.8392486 57226562	322.82785 03417969	298.04727 17285156	130.63272 09472656 2	0.0	20.670475 00610351 6	6.8611173 62976074	308.3	16.9478	207	204	203	2022-05- 25T06:07: 32	2022-05- 25T06:11: 19	52.9	20220525-10
3422	reeling_ex change	169.01640 31982422	18.943109 5123291	5.7640061 378479		0.0	8	47 5452 15	47 00020	163.72817 99316406 0 2		26.217361 45019531 2	8.7123384 475708	319.34033 203125	293.87820 43457031	128.88623 046875	0.0	20.403873 44360351 6	6.7823777 1987915	906.7	194.416	2121	2088	2083	2022-05- 25T05:29: 50	2022-05- 25T06:07: 32	53.2	20220525-09
3421	reeling_ex change	.00200.2	17.760051 72729492 2	5.0728530 88378906	0.0	0.0	1.7203083 03833007 8	328.72064 20898437 5	266.30697 63183594	141.91743 46923828 0	.0	22.947317 12341308 6	7.6211514 47296143	283.88314 81933594	251.18975 83007812 5	111.08085 63232421 9	0.0	17.804512 02392578	5.8909301 7578125	943.6	212.141	2298	2263	2255	2022-05- 25T04:49	2022-05- 25T05:29: 50	53.1	20220525-08
3420	nw_sup_c hange																			940.0	209.147	0	1950	1949	2022-05- 25T05:29: 31	2022-05- 25T05:29: 31	53.3	
3419	nw_inf_ch ange																			938.3	208.403	0	2084	2084	2022-05- 25T05:29: 23	2022-05- 25T05:29: 23	53.2	
3418	reeling_ex change	122.88858 03222656 2	16.430921 55456543	4.2920894 62280273	0.0	0.0	1.4530926 94282531 7	285.42312 62207031	218.58653 25927734 4	117.92430 11474609 0 4	.0	19.415981 29272461	6.4261255 26428223	246.80938 72070312 5	206.02041 62597656 2	92.473213 19580078	0.0	14.998149 87182617 2	4.9713654 51812744	871.8	183.34	1985	1950	1949	2022-05- 25T04:13: 41	2022-05- 25T04:49	52.9	20220525-07
3417	nw_inf_ch ange																			866.5	181.508	0	2361	2413	2022-05- 25T04:48: 37	2022-05- 25T04:48: 37	53.0	
3416	reeling_ex change	102.16471 86279296 9	15.285671 23413086	3.6341798 30551147 5	0.0	0.0	1.2234054 80384826 7	248.73966 97998047	178.15574 64599609 4	97.582687 37792969	.0	16.347450 25634765 6			166.27947 99804687 5	76.191162 109375	0.0	12.583929 06188964 8	4.1816658 97369385	905.8	196.688	2121	2084	2084	2022-05- 25T03:36: 04	2022-05- 25T04:13: 41	53.2	20220525-06
3415	reeling_ex change	78.751167 29736328	14.026451 11083984 4	2.8808159 82818603 5	0.0	0.0	0.9666358 82854461 7	208.30384 82666015 6	133.58239 74609375	75.148796 08154297	.0	12.971376 41906738 3	4.3143053 05480957	178.97032 16552734 4	123.06133 27026367 2	58.408828 73535156	0.0	9.9801073 07434082	3.3194968 70040893 6	477.8	50.5548	559	540	543	2022-05- 25T02:32: 50	2022-05- 25T03:36: 04	52.6	20220525-05
3414	state_wor king	74.355171 20361328	13.806320 19042968 8	2.7467124 46212768 6	0.0	0.0	0.9221563 93527984 6	196.82312 01171875	120.93949 89013671 9	68.781349 1821289 0	.0	12.028721 80938720 7	3.9823749 06539917	169.11019 89746093 8	111.35680 38940429 7	53.453521 72851562 5	0.0	9.2467927 93273926	3.0605351 92489624	218.2	5.42083	0	0	0	2022-05- 25T03:25: 02	2022-05- 25T03:25: 02	12.3	
3413	state_start	72.611312 86621094	13.711060 52398681 6	2.6951341 62902832	0.0	0.0	8	8	2	68.456649 78027344		11.965900 42114257 8	3.9823749 06539917	168.64375 30517578	110.77859 49707031 2	53.204933 16650390 6	0.0	9.2467927 93273926	3.0605351 92489624	192.5	1.92352	0	0	0	2022-05- 25T03:17: 41	2022-05- 25T03:17: 41	5.5	
3412	state_stop	68.107398 9868164	13.372570 03784179 7	2.5402691 36428833	0.0	0.0	4	4	2			11.777398 10943603 5	3.9055993 55697632	166.26803 58886718 8	107.96730 04150390 6	52.019901 27563476 6	0.0	9.0468215 94238281	2.9830472 46932983 4	182.5	0.783982	0	0	0	2022-05- 25T02:33: 50	2022-05- 25T02:33: 50	0.0	
3411	state_start	68.050788 87939453	13.359034 53826904 3	2.5402691 36428833	0.0	0.0	0.8506779 07466888 4	193.40589 90478515 6	117.24494 17114257 8	66.919364 92919922	.0	11.777398 10943603 5						9.0468215 94238281	2.9830472 46932983 4	183.2	0.871091	0	0	0	2022-05- 25T02:33: 46	2022-05- 25T02:33: 46	4.1	
3410	reeling_ex change	67.455024 71923828	13.237181 66351318 4	2.5196192 26455688 5	0.0	0.0	0.8417233 82472991 9	192.60928 34472656 2	116.76252 74658203 1	66.639320 37353516	.0	11.714557 64770507 8	3.8800075 0541687	165.46479 79736328	107.43104 55322265 6	51.766338 34838867	0.0	8.9801359 17663574	2.9830472 46932983 4	946.5	195.467	2266	2230	2279	2022-05- 25T01:48: 11	2022-05- 25T02:32: 50	48.3	20220525-04
3409	nw_sup_c hange																			952.7	195.816	0	2361	2413	2022-05- 25T02:32: 54	2022-05- 25T02:32: 54	47.5	
3408	nw_inf_ch ange																			943.6	194.245	0	2359	2413	2022-05- 25T02:32: 44	2022-05- 25T02:32: 44	48.1	
3407	reeling_ex change	48.279258 72802734 4	9.4892578 125	1.7940448 52256775	0.0	0.0	0.6043397 18818664 6	136.13449 09667968 8	82.530601 50146484	47.110210 41870117	.0	8.2500858 30688477	2.7308256 62612915	117.30872 34497070 3	76.120719 90966797	36.702796 93603515 6	0.0	6.3822078 70483398	2.1078665 25650024 4	972.7	208.001	2400	2361	2413		2022-05- 25T01:48: 11	48.3	20220525-03
3406	reeling_ex change	27.196464 53857422	5.3691306 11419678	1.0119307 04116821 3	0.0	0.0	0.3342511	76.878936		26.599401		4.6533451 08032227					0.0	3.6571738 71994018	1.2083714 00833129 9		206.362	2400	2369	2414		2022-05- 25T01:00: 55	47.6	20220525-02
3405				0.2253600 65698623 66	0.0	0.0	0.0739920 80986499 79	18.111083 984375	10.977062 22534179 7	6.2612595 5581665	.0	1.1299262 04681396 5	82994079	38818359	10.117664 33715820 3	43957519	0.0	0.8638889	0.2826633 15534591	949.1	201.889	2358	2319	2372	2022-05-		48.4	20220525-01
3404	nw_sup_c hange																			943.6	200.079	0	2359	2413	2022-05- 25T00:13: 21	25T00:13:	48.2	
3403	nw_inf_ch ange																			942.7	199.732	0	2361	2418	2022-05-	2022-05- 25T00:13:	48.0	
3402	reeling_ex change	514.21838 37890625	101.12902 06909179	18.932502 74658203	0.0	0.0	6.3973999 0234375	1440.8947 75390625	873.53210 44921875	499.15701 29394531 0	.0	87.827461 24267578	29.134399 4140625	1225.6503 90625	785.40771 484375	384.06723 02246094	0.0	66.979736 328125	22.047231 67419433	963.0	206.449	2400	2359	2413		2022-05- 24T23:27:	48.1	20220524-29

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3402	reeling_ex change	514.21838 37890625	7	18.932502 74658203	0.0	0.0	6.3973999 0234375	1440.8947 75390625	873.53210 44921875	499.15701 29394531	0.0				785.40771 484375	384.06723 02246094	0.0	66.979736 328125		963.0	206.449	2400	2359	2413	02	16	48.1	20220524-29
3401	reeling_ex change	493.10272 21679687 5	96.955207 82470703	18.157550 81176757 0.	0.0	0.0	90401914	20703123	70955125			84.231849 67041016	27.955772 39990234 4	1175.1781 00585937 5	752.78375 24414062	368.27560 42480469	0.0	64.233024 59716797	21.142148 97155761 7	964.2	207.206	2400	2369	2415		2022-05- 24T22:40: 02	47.4	20220524-28
3400	reeling_ex change	471.99322 50976562 5	92.785987 8540039	17.378002 16674804 0. 7	0.0	0.0	5.8708243 37005615	1321.9686 27929687 5	801.43054 19921875	458.00317 3828125	0.0	80.569908 14208984	26.751214 9810791	1124.0280 76171875	719.75994 87304688	352.27520 75195312 5	0.0	61.420166 015625	20.214784 62219238 3	954.8	198.711	2306	2270	2324	2022-05- 24T21:07: 21	2022-05- 24T21:52: 47	47.8	20220524-27
3399	nw_sup_c hange																			951.9	196.766	0	2361	2418	2022-05- 24T21:52: 30	2022-05- 24T21:52: 30	48.2	
3398	nw_inf_ch ange																			951.1	196.085	0	2363	2415		2022-05- 24T21:52: 24	48.1	
3397	reeling_ex change	452.35348 51074219	88.890319 82421875	16.652063 36975097 0. 7	0.0	0.0	5.6273350 71563721	1264.9975 5859375	766.90313 72070312	438.28634 64355469	0.0	77.157859 8022461	25.578067 77954101 6	1074.9329 83398437 5	688.05407 71484375	336.91442 87109375	0.0	58.745605 46875	19.337554 93164062 5	974.5	208.169	2400	2361	2418	2022-05- 24T20:20: 07	2022-05- 24T21:07: 21	47.6	20220524-26
3396	reeling_ex change	430.85238 64746094	84.689781 18896484	15.868521 69036865 0. 2	0.0	0.0	5.3643245 69702148	1204.4144 28710937 5	730.17193 60351562	417.32363 89160156	0.0	73.480400 08544922	24.355226 51672363 3	1023.6484 375	654.92449 95117188	320.87774 65820312 5	0.0	55.932678 22265625	18.404283 52355957	975.3	209.851	2400	2364	2419	2022-05- 24T19:32: 54	2022-05- 24T20:20: 07	47.4	20220524-25
3395	reeling_ex change	409.56353 75976562 5	80.474372 86376953	15.079336 16638183 0. 6	0.0	0.0	5.0938458 44268799	1145.3492 43164062 5	694.33813 4765625	396.85601 80664062 5	0.0	69.862632 75146484	23.158039 09301757 8	973.15112 3046875	622.24316 40625	305.08071 89941406	0.0	53.195690 1550293	17.507513 04626465	960.8	205.598	2384	2346	2397		2022-05- 24T19:32: 54	47.8	20220524-24
3394	nw_sup_c hange																			957.3	204.495	0	2146	2190		2022-05- 24T19:32: 34	47.5	
3393	nw_inf_ch ange																			956.8	204.233	0	2146	2190		2022-05- 24T19:32: 31	48.2	
3392	reeling_ex change	388.52236 93847656	76.329658 50830078	14.302034 37805175 0	0.0	0.0	08508301	5	0625	376.25805 6640625		66.188369 75097656	21.936595 91674804 7	922.29699 70703125	589.33941 65039062	289.17883 30078125	0.0	50.453815 46020508	16.589910 50720215	967.4	206.827	2400	2363	2415	2022-05- 24T17:58: 43	2022-05- 24T18:45: 57	47.6	20220524-23
3391	reeling_ex change	366.89529 41894531	72.058570 8618164	13.513947 48687744 0 1	0.0	0.0	4.5607352 2567749	1026.0770 26367187 5	622.03094 48242188	355.54238 89160156	0.0	62.585662 84179687 5	20.734182 35778808 6	871.47235 10742188	556.47790 52734375	273.28070 06835937 5	0.0		15.665613 17443847 7	965.9	208.636	2400	2369	2419	2022-05- 24T17:11: 29	2022-05- 24T17:58: 43	47.5	20220524-22
3390	reeling_ex change	345.54623 41308594	67.859451 29394531	12.745251 65557861 0	0.0	0.0	4.3019819 25964355 5	965.14819 3359375	585.09002 68554688	334.42697 14355469	0.0	58.844799 04174805	19.513498 30627441 4	819.15185 546875	522.62133 7890625	256.90893 5546875	0.0	44.839408 87451172	14.725512 50457763 7	971.3	210.588	2394	2358	2411	2022-05- 24T16:24: 16	2022-05- 24T17:11: 29	47.6	20220524-21
3389	nw_sup_c hange																			968.3	210.439	0	2146	2190	2022-05- 24T17:11: 14	2022-05- 24T17:11: 14	47.7	
3388	nw_inf_ch ange																			966.5	209.813	0	1619	1591	2022-05- 24T17:11: 06	2022-05- 24T17:11: 06	48.0	
3387	reeling_ex change	323.76077 27050781	63.549537 65869140 6	11.964207 64923095 0	0.0	0.0	4.0280694 96154785	902.43670 65429688	547.04217 52929688	312.68121 33789062 5	0.0	54.978698 73046875	18.245506 28662109 4	766.63208 0078125	488.62246 70410156	240.47792 05322265 6	0.0		13.790059 08966064 5	921.6	196.387	2169	2146	2190	2022-05- 24T15:41: 27	2022-05- 24T16:24: 16	48.4	20220524-20
3386	reeling_ex change	302.50930 78613281	59.377136 23046875	11.219582 55767822 0	0.0	0.0	3.7673251		512.12792	292.74310 30273437 5		51.542949 67651367	17.083610 53466797	717.66644 28710938	456.88894 65332031	225.16123 96240234 4	0.0	39.289073 9440918	12.896896 36230468 8	922.5	196.289	2169	2153	2197	2022-05- 24T14:58: 43	2022-05- 24T15:41: 27	47.6	20220524-19
3385	reeling_ex change	282.81130 98144531	55.494647 97973633	10.530846 59576416	0.0	0.0	3.5156927 10876465	787.74694 82421875	477.46923 828125	272.93701 171875	0.0	48.006000 51879883						36.652397 15576172	12.030594 82574462 9	516.2	43.535	500	499	506	2022-05- 24T14:02: 55	2022-05- 24T14:58: 43	47.6	20220524-18
3384	state_wor king	280.65884 39941406	55.075698 85253906	10.459455 49011230 0	0.0	0.0	3.4878942 96646118	778.40557 86132812	471.79016 11328125	269.69558 71582031	0.0	47.428741 45507812 5	15.739473 34289550 8	661.13293 45703125	420.16329 95605469	207.45581 0546875	0.0	36.247116 08886719	11.886675 83465576 2	393.6	16.7908	0	0	0	2022-05- 24T14:50: 50	2022-05- 24T14:50: 50	12.2	
3383	state_start	280.29812 62207031	54.992111 20605469	10.449225 42572021 0	0.0	0.0	3.4878942 96646118	778.40557 86132812	471.79016 11328125	269.69558 71582031	0.0	47.428741 45507812 5	15.739473 34289550 8	661.13293 45703125	420.16329 95605469	207.45581 0546875	0.0	36.247116 08886719	11.886675 83465576 2	390.2	16.4516	0	0	0	2022-05- 24T14:50: 12	2022-05- 24T14:50: 12	2.9	
3382	state_wor king	5	20403230			0.0	3.4694073 20022583	777.34277 34375	471.15750 12207031	269.32974 24316406	0.0	47.364654 54101562 5	15.713074 68414306 6	660.33819 58007812	419.64401 24511719	207.19973 75488281 2	0.0	24438476	11.886675 83465576 2		13.8227	0	0	0		2022-05- 24T14:48: 55	12.2	
3381				9.8999824 52392578 0		0.0	3.3045239 44854736 3	763.35699 46289062	462.67517 08984375	264.47827 1484375	0.0	46.532604 2175293	15.421704 29229736 3	648.66253 66210938	411.97250 36621094	203.55046 08154297	0.0		11.656641 96014404 3	201.4	2.28965	0	0	0		2022-05- 24T14:04: 21	5.2	
3380	reeling_ex change	265.96221 92382812 5	52.201412 20092773 4	9.8999824 52392578	0.0	0.0	3.3045239	762.44329		264.15615		46.468643 18847656	15.395177 84118652 3	647.62945 55664062	411.28948 97460937 5	203.21978 75976562 5	0.0	35.504207 61108398 4	11.656641 96014404 3	818.4	133.054	1588	1619	1591	24T13:17:	2022-05- 24T14:02: 55	32.7	20220524-17
3379	nw_sup_c hange																			184.8	0.764494	0	1619	1591		2022-05- 24T14:03: 43	32.8	
3378	nw_inf_ch ange																			1200.0	0.255311	0	1765	1765	2022-05- 24T14:03:	2022-05- 24T14:03:	32.7	

Section Sect	20220524-16
Second S	
2376 Canada Canad	20220524-15
Sark	
202-06-06-07-07-07-07-07-07-07-07-07-07-07-07-07-	20220524-14
1870 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 1871 18	
Sale Sale Sale Sale Sale Sale Sale Sale	
202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06- 202-06	
370 state_wing 950.3820 st	
202 61680 4989609 47862281 65362549 0.0 0.0 0.0 250105 588.60699 366.7481 90.08557 58.60699 366.7481 90.08557 58.60699 366.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.60699 360.7481 90.08557 58.6069 360.7481 90.08557 58.60699 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 58.6069 360.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.7481 90.08557 59.	
Safe Pelling	
Treeling	20220524-13
3365 \(\begin{array}{cccccccccccccccccccccccccccccccccccc	20220524-12
3365 hange 95.8 208.294 0 2364 2411 24T09:17: 24T09:17: 32.6 59 59 208.715 0 2364 2411 24T09:17: 32.8 24T09:17:	20220524-11
3364 INULIDED 955.9 208.715 0 2364 2411 24T09:17: 24T09:17: 32.8 ange 50 50	
recling ex change 155.0471 30.52796 5.755080 155.0471 30.52796 5.755080 155.0471 30.52796 155.0471 30.52796 155.0471 30.52796 155.0471 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 155.0491 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30.52796 30	20220524-10
reeling ex fall need to be a second of the s	20220524-09
361 recling_change 97509765 6 90924072 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	20220524-08
2022-05- 2022-05- 3360 nw_sup_c hange 944.5 208.715 0 2364 2411 24705:54: 24705:54: 33.0	
3359 nw_inf_ch ange 208.053 0 120 123 24705:53: 33.0 58 58	
3358 reeling ex 90.06592 change 65136719 change 65136719 data from the control of	20220524-07
reeling_ex d8.92523 danger 4985316 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 27832031 2783	20220524-06
336 reeling e 46,92798 9,258731 4501953 42041016 4747924 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	20220524-05
355 reeling e 45.49083 reeling e 2824707 of 6643655 8306884 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
3354 nw_sup_c and ange 201.649 0 120 123 2022-05- 2022-05- 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:26: 24702:2	20220524-04

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3354	nw_sup_c hange																			952.4	201.649	0	120	123	36	36	33.0	
3353	nw_inf_ch ange																			951.1	202.965	0	598	611	2022-05- 24T02:26: 26	2022-05- 24T02:26: 26	32.9	
3352	reeling_ex change	24.905235 29052734 4	4.9119529 72412109	0.9503706 09760284 4	0.0	0.0	6	00001101	00001400			4.4767379 76074219	1.4829421 04339599 6	63.518306 73217773 4	37.391170 50170898 4	19.945146 56066894 5	0.0	3.5108776 09252929 7	1.1380662 91809082	262.3	9.49507	123	120	123	2022-05- 24T01:17: 28	2022-05- 24T01:21: 06	32.8	20220524-03
3351	reeling_ex change	23.879413 60473632 8	4.7030282 02056885	0.9087126 85108184 8	0.0	0.0	0.3045381 60562515 26	69.819869 99511719	42.335750 57983398 4	24.179428 10058593 0 8	.0	4.2848978 04260254	1.3992693 42422485 4	60.378650 6652832	35.558853 14941406	18.972759 24682617 2	0.0	3.3074932 09838867	1.0812740 32592773 4	974.9	210.543	2394	2364	2411	2022-05- 24T00:08: 38	2022-05- 24T01:17: 28	32.7	20220524-02
3350	reeling_ex change	3.2462618 35098266 6	0.6440393 92471313 5	0.1234904 60216999 05	0.0	0.0	0.0372265 61456918 716	8.3728504 1809082	5.0831832 88574219	2.9069006 44302368	.0	0.5123518 10932159 4	0.1681853 38377952 58	7.5068688 39263916	4.4059262 2756958	2.3591208 45794677 7	0.0		0.1425903 14149856 57	973.6	206.331	2394	2368	2412		2022-05- 24T00:08: 38	32.7	20220524-01
3349	reeling_ex change	453.18765 25878906	95.812576 29394531	15.911459 92279052 7	0.0	0.0	5.7024912 83416748	607.54431 15234375	1078.9940 18554687 5	675.05792 23632812	.0	73.658042 90771484	24.385684 96704101 6	571.61004 63867188	997.03973 38867188	579.92016 6015625	0.0	62.650875 09155273 4	20.588783 26416015 6	912.7	181.551	2117	2083	2135	2022-05- 23T21:59: 04	2022-05- 23T22:59: 51	33.1	20220523-21
3348	nw_sup_c hange																			907.9	183.174	0	598	611		2022-05- 23T22:59: 15	33.1	
3347	nw_inf_ch ange																			906.6	179.447	0	2360	2407	2022-05- 23T22:59: 05	2022-05- 23T22:59: 05	32.8	
3346	criarige	01000409	2203023	15.198673 24829101 6		0.0	5.4754629 13513184	553.97320 55664062	1046.4938 96484375	656.51245 1171875	.0	70.379707 33642578	23.310607 91015625	525.02661 1328125	969.68823 2421875	565.30004 8828125	0.0		19.730424 88098144 5	504.1	50.2763	603	598	611	2022-05- 23T20:36: 55	2022-05- 23T21:59: 04	32.6	20220523-20
3345	state_wor king	428.77297 97363281	90.996452 33154297	14.981115 34118652 3	0.0	0.0	5.3997340 20233154	538.92443 84765625	1037.3563 23242187 5	651.29772 94921875	.0	69.481697 08251953	22.997776 03149414	511.69604 4921875	961.79498 29101562	561.11340 33203125	0.0	59.370613 09814453	19.501712 79907226 6	225.1	5.31153	0	0	0	2022-05- 23T21:42: 52	2022-05- 23T21:42: 52	12.3	
3344		427.89068 60351562 5				0.0	5.3902850 15106201	537.13446 04492188	1036.2751 46484375	650.68322 75390625	.0	69.353569 03076172	22.969322 20458984 4	510.34396 36230469	960.98883 05664062	560.68041 9921875	0.0	00146484	19.473127 36511230 5	184.5	0.688531	0	0	0	2022-05- 23T21:31: 20	2022-05- 23T21:31: 20	4.0	
3343	state_stop	420.90466 30859375	89.421943 66455078	14.691706 65740966 8	0.0	0.0	5.3053698 53973389	531.07342 52929688	1032.5980 22460937 5	648.57720 94726562	.0	69.033248 90136719	22.855506 89697265 6	504.81185 91308594	957.75421 14257812	558.94940 18554688	0.0	59.037815 09399414	19.387386 32202148 4	183.9	0.794497	0	0	0		2022-05- 23T20:38: 15	0.0	
3342	reeling_ex change	420.90466 30859375	89.421943 66455078	14.691706 65740966 8	0.0	0.0	5.3053698 53973389	530.58898 92578125	1031.6383 05664062 5	647.97210 69335938	.0	68.969253 54003906	22.827056 88476562 5	504.27868 65234375	956.71337 890625	558.33770 75195312	0.0	58.971313 4765625	19.358808 51745605 5	890.3	199.185	2006	1972	2021	2022-05- 23T19:39: 09	2022-05- 23T20:36: 55	32.7	20220523-19
3341	state_start	420.90466 30859375	89.421943 66455078	14.691706 65740966 8	0.0	0.0	5.3053698 53973389	530.97314 453125	1032.3947 75390625	648.46374 51171875	.0	68.969253 54003906	22.827056 88476562 5	504.81185 91308594	957.75421 14257812	558.94940 18554688	0.0	59.037815 09399414	19.387386 32202148 4	183.6	0.595873	0	0	0	2022-05- 23T20:37: 46	2022-05- 23T20:37: 46	5.2	
3340	reeling_ex change	400.94497 68066406	85.126113 89160156	14.003764 15252685 5	0.0	0.0	5.0523042 67883301	505.71533 203125	983.26483 15429688	617.63342 28515625	.0	65.710357 66601562						56.178966 5222168	18.444992 06542968 8	972.2	237.566	2394	2361	2414	2022-05- 23T18:30: 22	2022-05- 23T19:39: 09	32.6	20220523-18
3339	reeling_ex change	376.85366 82128906	80.005119 32373047	13.165707 5881958	0.0	0.0			925.62097 16796875		.0	61.871124 26757812 5	20.494905 47180175 8	452.01092 52929687 5	857.82922 36328125	500.49722 29003906	0.0	05273437	17.335464 47753906 2	968.7	232.28	2362	2317	2377	2022-05- 23T17:22: 25	2022-05- 23T18:30: 22	33.1	20220523-17
3338	nw_sup_c hange																			964.8	230.494	0	2360	2407	2022-05- 23T18:29: 49	2022-05- 23T18:29: 49	32.9	
3337	nw_inf_ch ange																			963.4	229.799	0	2366	2409	2022-05- 23T18:29: 38	2022-05- 23T18:29: 38	33.1	
3336	reeling_ex change	353.13287 35351562 5	74.914482 11669922	12.349228 85894775 4	0.0	0.0	4.4386081 69555664	446.42901 61132812 5	867.93170 16601562	545.16088 8671875	.0	57.953147 88818359 4	19.220733 64257812 5	424.21414 18457031	805.23126 22070312	469.72677 61230469	0.0	49.554748 53515625	16.287553 78723144 5	974.9	235.356	2394	2360	2407	2022-05- 23T16:13: 36	2022-05- 23T17:22: 25	33.3	20220523-16
3335	reeling_ex change	329.19595 33691406	69.790596 00830078	11.529359 81750488 3	0.0	0.0	4.1426296 23413086	417.09265 13671875	810.86987 3046875	509.29916 38183594	.0	54.124774 93286133	60534668	3/1093/5	28125	/18/5		0.00020	15.183776 85546875		236.773	2394	2368	2414	2022-05- 23T15:04: 48	2022-05- 23T16:13: 36	33.2	20220523-15
3334	change		64.620246 88720703	10.692648 88763427 7	0.0	0.0	3.8410584 92660522 5	387.39013 671875	753.11303 7109375	472.99737 54882812 0 5	.0	50.318042 75512695	16.648475 64697265 6	367.93777 46582031	698.57403 56445312	407.37536 62109375	0.0	43.035034 1796875	14.136921 88262939 5	964.8	227.972	2328	2299	2345	2022-05- 23T13:57: 49		32.9	20220523-14
3333	nw_sup_c hange																			960.8	226.095	0	2366	2409	2022-05- 23T15:04: 14		33.0	
3332	nw_inf_ch ange																			959.9	225.502	0	2355	2410	2022-05- 23T15:04: 05		32.6	
3331	reeling_ex change	282.00421 14257812 5	59.737339 01977539	9.9006738 66271973	0.0	0.0	3.5501356 12487793	358.79418 9453125	697.49224 85351562	438.02304 07714844	.0	46.587528 22875976 6	15.440811 15722656 2	340.30648 80371094	646.26098 6328125	376.78643 79882812 5	0.0		13.057434 08203125	985.0	237.879	2394	2366	2409	2022-05- 23T12:48: 58		32.9	20220523-13
3330	reeling_ex		54.796977	9.0519809		0.0	3.2550344 46716308	329.00216 67480469	639.53967 28515625	401.61984 25292969	.0	42.726272	14.163843	312.02215		345.43933 10546875	0.0	36.562847 13745117	11.973293 30444336	983.7	238.119	2394	2371	2414		2022-05- 23T12:48:	32.9	20220523-12

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	В4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3330	reeling_ex change	258.48373 41308594	54.796977 99682617	9.0519809 72290039	0.0	0.0	6		639.53967 28515625	401.61984 25292969	0.0	42.726272 58300781	′	5	592.68225 09765625	10546875	0.0		11.973293 30444336	983.7	238.119	2394	2371	2414	11	58	32.9	20220523-12
3329	reeling_ex change	234.36491 39404297	49.711669 921875	8.1856117 24853516	0.0	0.0	2.9529349 80392456	299.25543 21289062 5	581.70764 16015625	365.30664 0625	0.0	38.805286 4074707	12.889735 22186279 3	283.76098 6328125	539.21246 33789062	314.15441 89453125	0.0	33.293403 62548828	10.909650 80261230 5	964.3	233.582	2334	2300	2343	2022-05- 23T10:33: 04	2022-05- 23T11:40: 11	32.8	20220523-11
3328	nw_sup_c hange																			959.9	229.161	0	2355	2410	2022-05- 23T11:39: 34	2022-05- 23T11:39: 34	32.7	
3327	nw_inf_ch ange																			958.6	228.661	0	2359	2406	2022-05- 23T11:39: 25	2022-05- 23T11:39: 25	33.0	
3326	reeling_ex change	211.16142 27294922	44.835525 51269531	7.3496365 54718018	0.0	0.0	2.6563396 45385742	270.24426 26953125	525.30285 64453125	329.88342 28515625	0.0	35.072429 65698242	11.623377 79998779 3	256.15509 03320312 5	486.91723 6328125	283.57916 25976562 5	0.0	30.028989 79187011 7	9.8429222 1069336	976.6	234.491	2394	2355	2410	2022-05- 23T09:24: 14	2022-05- 23T10:33: 04	33.0	20220523-10
3325	reeling_ex change	187.52757 26318359 4	39.837871 55151367	6.5357108 1161499	0.0	0.0	2.3582842 35000610 4	240.61320 49560547	467.70043 9453125	293.68945 3125	0.0			228.12565 61279297	433.80639 6484375	252.53961 18164062 5	0.0	26.757221 22192382 8	8.7458992 00439453	978.1	234.009	2394	2365	2415	2022-05- 23T08:15: 26	2022-05- 23T09:24: 14	32.7	20220523-09
3324		164.85206 60400390 6				0.0				257.79113 76953125	0.0				380.99493 40820312 5			23.490812 30163574	7.6773610 11505127	962.6	229.352	2324	2292	2338	2022-05-		33.2	20220523-08
3323	nw_sup_c hange																			958.1	223.473	0	2359	2406	2022-05- 23T08:14: 50		32.9	
3322	nw_inf_ch ange																			956.8	224.11	0	2364	2411	2022-05-		32.8	
3321	reeling_ex change	142.30429 07714843 8	30.235250 47302246	4.9646878 24249268	0.0	0.0	1.7846387 6247406		355.03546 14257812 5	222.93605 04150390 6	0.0	23.690271 37756347	7.8422741 88995361	173.37088 01269531 2	329.88482 66601562 5	191.90786 74316406 2	0.0	20.362609 86328125	6.6649975 77667236	974.9	230.213	2393	2359	2406	2022-05- 23T05:59:	2022-05- 23T07:08: 33	33.0	20220523-07
3320	reeling_ex change					0.0	1.5074720 38269043	153.58512 87841797	298.50646	187.44328 30810547	0.0	19.957906	6.5945248	145.56413	276.97348 02246094		0.0	17.093898 77319336	5.5956349 37286377	977.2	234.392	2394	2363	2408	2022-05-		33.0	20220523-06
3319	reeling_ex	96.973709 10644531	20.605752	3.3848526		0.0	1.2174985 40878296	124.02136 23046875	241.04176 33056640	151.37333 67919922	0.0	16.097314 83459472 7	5.3280692 1005249	117.46501 92260742	223.61322 02148437 5	130.01533 50830078	0.0	13.757075 30975341 8	4.5256004 33349609	958.1	225.511	2316	2284	2334	2022-05-		33.1	20220523-05
3318	nw_sup_c hange											•		_						954.2	223.481	0	2364	2411	2022-05-		32.7	
3317	nw_inf_ch ange																			952.9	223.252	0	2356	2411	2022-05-		32.6	
3316	reeling_ex change	74.986312 86621094	15.917451 85852050 8	2.6212289 33334350 6	0.0	0.0	0.9345020 05577087 4	95.602615 35644531	185.78666 68701172	116.65698 2421875	0.0	12.436515 80810546 9	4.1005344 39086914	90.628845 21484375	172.47734 06982422	100.29792 78564453 1	0.0		3.5060789 58511352 5	974.9	234.081	2394	2364	2411	2022-05- 23T02:35: 37		32.7	20220523-04
3315	reeling_ex	51.874141 69311523	10.981913	1.8287324 90539550 8		0.0				80.807937 62207031	0.0				118.97197 72338867 2	69.173027 03857422	0.0	7.3568935 39428711	2.4221332 07321167	974.0	236.008	2394	2365	2411	2022-05- 23T01:26: 50	2022-05- 23T02:35: 37	33.0	20220523-03
3314	reeling_ex change	29.509847 64099121	6.1927223 20556641	1.0508568 28689575 2	0.0	0.0				45 097530					65.873344 42138672			4.0105276 10778809	1.3321311 47384643 6	959.9	228.367	2332	2291	2349	2022-05- 23T00:19: 45	2022-05- 23T01:26: 50	32.8	20220523-02
3313	nw_sup_c hange																			956.4	228.25	0	2356	2411	2022-05- 23T01:26: 20	2022-05- 23T01:26: 20	33.2	
3312	nw_inf_ch ange																			955.0	227.554	0	2355	2405	2022-05-		32.6	
3311	reeling_ex change	6.7864036 56005859	1.4158017 63534546	0.2352725 41642189 03	0.0	0.0	0.0814144 31333541 87	8.5744895 9350586	16.673442 84057617 2	10.459112 16735839 8	0.0	1.1419169 90280151 4	0.3832913 04111480 7	8.1205005 64575195	15.481264 11437988 3	9.0035858 15429688	0.0	0.9366319 77558136		971.4	234.846	2394	2356	2411	2022-05- 22T23:10: 56		32.5	20220523-01
3310		449.05963			0.0	0.0				681.81359 86328125	0.0109312 00347840 786	72.585639 95361328						60.929740 90576172	20.075344 08569336	974.1	232.351	2394	2363	2412	2022-05- 22T22:02:		32.8	20220522-21
3309	reeling_ex change					0.0						68.836212 15820312							19.034971 23718261 7	974.0	237.301	2400	2364	2419	2022-05- 22T20:53:		32.8	20220522-20
3308	nw_sup_c hange																			970.0	234.926	0	2355	2405	2022-05- 22T22:01:	2022-05- 22T22:01: 32	32.7	
3307	nw_inf_ch ange																			969.2	235.795	0	2184	2229	2022-05- 22T22:01:		33.1	
3306	reeling_ex change	402.31161 49902344	85.573509 2163086	14.189267 1585083	0.0	0.0	5.0600566 86401367	500.17562 86621094	972.52001 953125	610.75213 62304688	0.0109312 00347840	65.082717 89550781	21.541595 45898437	466.03457 64160156	912.62799 07226562	516.25830 078125	0.0		17.968193 05419922	974.3	233.074	2394	2355	2405		2022-05- 22T20:53:	32.9	20220522-19

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	ВЗ	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3306	reeling_ex change	402.31161 49902344	85.573509 2163086	14.189267 1585083	0.0	0.0	5.0600566 86401367	500.17562 86621094	972.52001 953125	610.75213 62304688	786	65.082717 89550781	5	466.03457 64160156	912.62799 07226562	516.25830 078125	0.0	54.564853 66821289	17.968193 05419922	974.3	233.074	2394	2355	2405	15	05	32.9	20220522-19
3305	reeling_ex change	378.66345 21484375	80.570487 97607422	13.352345 46661377	0.0	0.0	4.7620034 21783447	471.53155 51757812 5	916.82495 1171875	575.75665 28320312	0.0109312 00347840 786	61.325576 78222656	20.306922 91259765 6	438.83703 61328125	860.75451 66015625	486.08654 78515625	0.0	51.356967 92602539	16.904897 68981933 6	970.9	235.016	2394	2363	2414	2022-05- 22T18:35: 26	2022-05- 22T19:44: 15	33.0	20220522-18
3304	reeling_ex change	355.28472 90039062 5	75.599182 12890625	12.527263 64135742 2	0.0	0.0	4.4629783 63037109	442.74624 63378906	860.85552 97851562	540.56622 31445312	0.0109312 00347840 786	57.551242 82836914	19.079738 61694336	411.37710 57128906	808.50018 31054688	455.68103 02734375	0.0		15.873295 78399658 2	959.9	228.092	2333	2299	2349	2022-05- 22T17:28: 20	2022-05- 22T18:35: 26	33.0	20220522-17
3303	nw_sup_c hange																			955.5	227.387	0	2184	2229	2022-05- 22T18:34: 55	2022-05- 22T18:34: 55	33.0	
3302	nw_inf_ch ange																			954.6	226.628	0	2367	2409	2022-05- 22T18:34: 46	2022-05- 22T18:34: 46	33.1	
3301	reeling_ex change	332.61190 79589844	70.779342 65136719	11.723604 20227050 8	0.0	0.0	4.1829600 33416748	414.74874 87792969	806.38189 69726562	506.32623 29101562 5	0.0109312 00347840 786	53.920848 84643555	17.873006 82067871	384.93051 14746094	758.07208 25195312	426.36807 25097656	0.0	45.072483 06274414	14.847101 21154785 2	937.4	222.641	2213	2184	2229	2022-05- 22T16:24: 42	2022-05- 22T17:28: 20	32.8	20220522-16
3300	reeling_ex change	310.91531 37207031	66.171356 20117188	10.981499 67193603 5	0.0	0.0	3.9114148 61679077	387.12170 41015625	752.63128 66210938	472.56686 40136719	0.0109312 00347840 786	50.365688 32397461	16.686269 76013183 6	358.55938 72070312 5	707.61596 6796875	397.11111 45019531	0.0	41.984775 54321289	13.828658 10394287 1	938.3	219.735	2213	2191	2234	2022-05- 22T15:21: 10	2022-05- 22T16:24: 42	32.9	20220522-15
3299	reeling_ex change	288.15783 69140625	61.381855 01098633	10.172971 72546386 7	0.0	0.0	3.6205425 26245117	359.39227 29492187 5	698.69525 14648438	438.68798 828125	0.0109312 00347840 786	46.750846 86279297	15.486266 13616943 4	332.53332 51953125	657.82043 45703125	368.25109 86328125	0.0	76342773	12.847407 34100341 8	455.3	47.508	503	491	500	2022-05- 22T14:22: 41	2022-05- 22T15:21: 10	32.8	20220522-14
3298	state_wor king	284.60415 64941406	60.620578 76586914	10.046966 55273437 5	0.0	0.0	3.5742530 82275390 6	354.45635 98632812 5	689.10241 69921875	432.64443 96972656	0.0109312 00347840 786	46.115928 64990234 4	15.259079 93316650 4	327.89718 62792969	648.92565 91796875	363.09564 20898437 5	0.0	38.371746 06323242	12.645842 55218505 9	224.2	6.71057	0	0	0	2022-05- 22T15:08: 55	2022-05- 22T15:08: 55	12.0	
3297	state_start	283.42974 t 85351562 5	60.372295 37963867	10.005077 36206054 7	0.0	0.0	3.5650050 6401062	354.06640 625	688.34039 30664062	432.16720 58105469	0.0109312 00347840 786	46.052440 64331055	15.259079 93316650 4	327.35632 32421875	647.89593 50585938	362.50912 47558594	0.0	38.305011 74926758	12.645842 55218505 9	184.9	2.26975	0	0	0	2022-05- 22T15:00: 28	2022-05- 22T15:00: 28	4.1	
3296	state_stop	281.11721 80175781	59.873474 12109375	9.9214944 83947754	0.0	0.0	3.5373032 09304809 6	352.86560 05859375	685.99584 9609375	430.70767 21191406	0.0109312 00347840 786	45.925491 33300781	15.202347 75543212 9	326.07446 2890625	645.49725 34179688	361.11752 31933594	0.0	38.171543 12133789	12.588232 99407959	186.1	1.08553	0	0	0	2022-05- 22T14:23: 47	2022-05- 22T14:23: 47	0.0	
3295	state_start	281.07034 30175781	59.859580 99365234 4	9.9214944 83947754	0.0	0.0	3.5373032 09304809 6	352.79403 68652344	685.86468 50585938	430.62380 98144531	0.0109312 00347840 786	45.925491 33300781	15.202347 75543212 9	326.03558 34960937 5	645.42901 61132812	361.07540 89355469	0.0	38.171543 12133789	12.588232 99407959	186.8	1.08652	0	0	0	2022-05- 22T14:23: 42	2022-05- 22T14:23: 42	4.8	
3294		280.48278 80859375			0.0	0.0	3.5280973 9112854	352.56845 09277344	685.41632 08007812	430.32714 84375	0.0109312 00347840 786	45.862030 02929687 5	15.173981 66656494 1	325.84118 65234375	645.00671 38671875	360.83074 95117187 5	0.0		12.588232 99407959	944.5	219.618	2256	2236	2275	2022-05- 22T13:17: 47	2022-05- 22T14:22: 41	33.2	20220522-13
3293	nw_sup_c hange																			176.0	221.975	0	2367	2409		2022-05- 22T14:22: 51	32.7	
3292	nw_inf_ch ange																			944.5	219.618	0	2374	2418	2022-05- 22T14:22: 40	2022-05- 22T14:22: 40	32.6	
3291	reeling_ex change	258.44183 34960937 5	55.007545 47119140 6	9.1364736 55700684	0.0	0.0	3.2529654 50286865 2	324.91186 5234375	631.66394 04296875	396.51272 58300781	0.0109312 00347840 786	42.310348 51074219	13.987996 10137939 5	299.84255 98144531	595.26892 08984375	332.03955 078125	0.0		11.550563 81225586	974.9	233.698	2394	2367	2409	2022-05- 22T12:08: 58	2022-05- 22T13:17: 47	32.8	20220522-12
3290	reeling_ex change	235.06520 08056640 6	49.996929 16870117	8.3217658 99658203	0.0	0.0	2.9562554 35943603 5	295.47741 69921875	574.42639 16015625	360.53686 5234375	0.0109312 00347840 786	38.447860 71777344	12.720180 51147461	272.02905 2734375	541.88397 21679688	301.22976 68457031	0.0		10.488574 98168945 3	977.1	234.562	2394	2370	2421	2022-05- 22T11:00: 09	2022-05- 22T12:08: 58	32.9	20220522-11
3289	reeling_ex change	211.04034 42382812 5	44.883953 09448242	7.4891796 11206055	0.0	0.0	2.6487638 9503479	266.05996 70410156	517.20672 60742188	324.56283 56933594	0.0109312 00347840 786	34.588794 70825195	11.457644 46258545	244.03749 08447265 6	488.16613 76953125	270.27377 31933594	0.0	28.531795 50170898 4	9.4079103 46984863	979.3	235.701	2418	2396	2439	2022-05- 22T09:50: 36	2022-05- 22T11:00: 09	32.6	20220522-10
3288	nw_sup_c hange																			974.9	237.896	0	2374	2418	2022-05- 22T10:59: 32	2022-05- 22T10:59: 32	33.0	
3287	nw_inf_ch ange																			974.0	237.326	0	2374	2415		2022-05- 22T10:59: 26	32.8	
3286	-	72021484 4	78759765 6	5	0.0	0.0	2.3617463 11187744	236.02001 953125	458.79306 03027344	287.85583 49609375	0.0109312 00347840 786	30.671157 83691406 2	10.165511 13128662 1	215.96681 21337890 6	434.15728 75976562 5	239.18070 98388672	0.0	3			231.585	2394	2374	2418	2022-05- 22T08:41: 46	2022-05- 22T09:50: 36	32.6	20220522-09
3285	reeling_ex change	165.26560 97412109 4	35.165714 26391601 6	5.8907032 01293945	0.0	0.0						26.863748 55041504	8.8989839 553833	188.26943 96972656 2	380.78131 10351562 5	208.51065 06347656 2	0.0	21.995872 49755859 4	7.2617135 0479126	976.3	228.991	2394	2376	2420	2022-05- 22T07:32: 58	2022-05- 22T08:41: 46	32.7	20220522-08
3284		141.85383 60595703				0.0						22.990051 26953125						18.790513	6.1987910 27069092		220.116	2325	2306	2346		2022-05- 22T07:32: 58	32.6	20220522-07
3283	nw_sup_c hange																			957.7	219.764	0	2374	2415	2022-05- 22T07:32: 28	2022-05- 22T07:32: 28	33.1	
3282	nw_inf_ch ange																			956.4	219.284	0	2275	2314		2022-05- 22T07:32:	33.0	

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3282	nw_inf_ch ange																			956.4	219.284	0	2275	2314	19	19	33.0	
3281	reeling_ex change	119.49162 29248046 9	25.425575 25634765 6	4.2754878 99780273	0.0	0.0			289.77935 79101562 5									15.579948 42529296 9			228.651	2394	2374	2415		2022-05- 22T06:26: 06	32.7	20220522-06
3280	onange	0000-100	6	3.4594762 32528686 5		0.0			232.64018 24951172								0.0	12.494811 05804443 4	38861084	973.6	225.622	2394	2375	2415	2022-05- 22T04:08: 28	2022-05- 22T05:17: 15	32.9	20220522-05
3279	reeling_ex change	73.992065 4296875	15.724740 02838134 8	2.6655192 37518310 5	0.0	0.0	0.9305660 12859344 5	90.578849 79248047	176.03585 81542968 8	110.26313 01879882 8	0.0109312 00347840 786	11.719464 30206298 8	3.8933005 33294677 7	79.819816 58935547	164.42958 06884765 6	88.368484 49707031	0.0	9.2913675 30822754	3.0792477 13088989 3	928.6	210.78	2197	2180	2217	2022-05- 22T03:05: 17	2022-05- 22T04:08: 28	32.9	20220522-04
3278	nw_sup_c hange																			924.6	209.134	0	2275	2314	58	22T04:07: 58	33.1	
3277	nw_inf_ch ange																			923.3	209.614	0	2215	2257	46	22T04:07: 46	32.9	
3276	change	10322401	5	9		0.0			124.39686 58447265 6									91888428		951.8	217.957	2293	2275	2314	19	22T03:05: 17	32.6	20220522-03
3275		5				0.0			72.041526 7944336									46768188 5	1.1782176 49459838 9		220.344	2293	2276	2314	29	22T01:59: 19	33.0	20220522-02
3274	reeling_ex change	1000702	6	0.3573100 56686401 37	0.0	0.0			12.338041 30554199 2			2	86	40302031	12.178602 21862793	14113133		49643707 3	0.2085774 24287796 02		27.5531	314	315	319	13	22T00:53: 29	32.7	20220522-01
3273	state_wor king	79504394 5	79570007 3	0.2409413 00988197 33		0.0			6.0953388 21411133						6.0017337 79907227			89257812 5	0.1042487 99383640 29	213.4	3.77882	0	0	0	52	22T00:45: 52	12.6	
3272	state_start			0.2198277 26483345 03		0.0			4.7372837 06665039			43	45	4	4.6976633 07189941	21179199	0.0	85445785 5	0.0781666 48745536 8	190.8	1.45339	0	0	0	25	22T00:41: 25	5.3	
3271	state_stop	39330761	0003004	16.475965 49987793		0.0	5.7724442 48199463	693.67370 60546875	1055.4750 9765625	665.31524 65820312					5		0.0	30003709	6		1.45339	0	0	0	41	21T23:49: 41	0.0	
3270	state_start	39330761	0003004	16.475965 49987793		0.0	48199463	60546875	1055.4750 9765625	71679688					1029.9691 16210937 5			30000703	20.269535 06469726 6	186.6	1.25961	0	0	0	18	21T23:49: 18	5.3	
3269	reeling_ex change	459.37405 39550781	96.253395 0805664	16.475965 49987793	0.0	0.0	5.7724442 48199463	693.37188 72070312	1054.8801 26953125	664.94580 078125	0.0	75.481254 57763672	24.956361 77062988 3	622.79876 70898438	1029.0235 59570312 5	547.52252 19726562	0.0	61.130290 98510742	20.243492 12646484 4	943.1	217.492	2238	2215	2257	50	21T23:48: 13	33.0	20220521-23
3268	nw_sup_c hange																			176.0	0.195972	0	2373	2422	50	21T23:48: 50	33.2	
3267	nw_inf_ch ange			45.070044					1001 5001									50.4700.44	10.000000	176.0	218.643	0	2371	2415	39	21T23:48: 39	32.7	
3266	cnange	437.08029 17480469	98486328	4		0.0			1001.5634 15527343 8			25830078	5814209	81640625	977.07647 70507812	1328125	0.0	4	89770507 8		242.029	2394	2373	2422	21T21:35	2022-05- 21T22:43: 50	33.1	20220521-22
3265				14.859891 89147949 2	0.0	0.0	22412109	19720302	944.11242 67578125	91992100					921.38781 73828125			55.026210 78491211	2	977.1	234.463	2394	2378	2431	11	21121:35	33.1	20220521-21
3264	reeling_ex change	390.32437 13378906	81.610580 44433594	14.057369 23217773 4	0.0	0.0	4.9041371 34552002	606.62591 55273438	886.33001 70898438	558.95928 95507812	0.0	64.094894 40917969	21.217517 85278320 3	543.36468 50585938	864.05224 609375	459.55541 9921875	0.0		17.162986 75537109 4	970.0	229.66	2392	2371	2413	23	21T20:26: 11	33.1	20220521-20
3263	nw_sup_c hange																			965.6	230.338	0	2374	2415	32	21T20:25: 32	33.0	
3262	nw_inf_ch ange																			965.6	230.071	0	2374	2415		2022-05- 21T20:25: 29	32.8	
3261				3.7891912 46032715		0.0	27459716 8	90332031 2		06567382 8					150.36761 47460937 5				3.9701924 32403564 5		53.0334	0	0	0	21T05:56	21105:56	0.0	
3260				13.223539 35241699 2		0.0	4.6043300 62866211	576.85003 66210938	828.47576 90429688	522.55175 78125			U		807.32006 8359375	0			16.109359 74121093 8		239.197	2394	2371	2415	33	21T19:17: 23		20220521-19
3259	reeling_ex change	342.26382 44628906	71.468055 72509766	12.398667 33551025 4	0.0	0.0			769.89233 3984375						749.86059 5703125				15.069493 29376220 7		230.862	2394	2375	2423	2022-05- 21T16:59: 46			20220521-18
3258	reeling_ex change	319.50869 75097656	66.713462 82958984	11.608815 19317627	0.0	0.0	4.0079283 71429443	517.60369 87304688	713.38903 80859375	450.13705 44433594	0.0	52.545017 24243164	17.378807 06787109	461.53475 95214844	693.70098 87695312	368.85586 54785156	0.0	42.316535 94970703	14.012468 33801269	936.3	214.525	2231	2211	2248	2022-05- 21T15:55:	2022-05- 21T16:59:		20220521-17

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3258	reeling_ex change	319.50869 75097656	66.713462 82958984	11.608815 19317627 0.	.0	0.0	4.0079283 71429443	517.60369 87304688	713.38903 80859375	450.13705 44433594	0.0	52.545017 24243164	4	461.53475 95214844			0.0	42.316535 94970703	5	936.3	214.525	2231	2211	2248	34	46		20220521-17
3257	nw_sup_c hange																			929.9	213.094	0	2374	2415	2022-05- 21T16:59: 15			
3256	nw_inf_ch ange																			929.0	212.099	0	2065	2106	2022-05- 21T16:59: 06			
3255	reeling_ex change	297.24340 8203125	62.057498 93188476 6	10.825647 35412597 0. 7	.0	0.0	3.7261307 23953247	490.00009 15527344	659.81005 859375	416.40878 29589844	0.0	48.981071 47216797	16.187215 80505371	436.16452 02636719	640.98803 7109375	340.78024 29199219	0.0		13.030374 52697753 9	970.8	231.033	2394	2374	2415	2022-05- 21T14:46: 43	2022-05- 21T15:55: 34		20220521-16
3254	reeling_ex change	274.14904 78515625	57.206260 68115234 4	10.015068 05419921 0. 9	.0	0.0	3.4353418 35021972 7	460.35412 59765625	602.25335 69335938	380.16577 1484375	0.0	45.093349 45678711	14.909213 06610107 4	409.21188 35449219	584.95788 57421875	310.96865 84472656	0.0	36.215423 58398437 5	12.013685 22644043	974.0	232.521	2394	2378	2420	2022-05- 21T13:37: 55			20220521-15
3253	reeling_ex change	251.53239 44091797	52.428894 04296875	9.2121715 5456543 0.	.0	0.0	3.1515855 78918457	430.99432 37304687 5	545.22857 66601562	344.28976 44042969	0.0	41.274528 50341797	13.667392 73071289	382.29055 78613281	528.88842 7734375	281.12725 83007812 5	0.0	33.060497 28393555	10.960321 42639160 2	974.9	235.067	2439	2429	2460	2022-05- 21T12:27: 49			20220521-14
3252	nw_sup_c hange																			970.9	234.142	0	2065	2106	2022-05- 21T13:37: 18			
3251	nw_inf_ch ange																			969.6	233.654	0	2613	2653	2022-05- 21T13:37: 09			
3250	reeling_ex change	227.65130 61523437 5	47.314620 97167969	8.3726911 5447998 0.	.0	0.0	2.8558521 27075195 3	401.00082 39746094	486.98742 67578125	307.64721 6796875	0.0	37.330047 60742187 5	12.363075 25634765 6	354.62426 7578125	471.16204 83398437 5	250.48645 01953125	0.0	29.888029 09851074 2	9.8702163 69628906	896.0	201.321	2081	2065	2106	2022-05- 21T11:27: 56			20220521-13
3249	nw_inf_ch ange																			891.2	200.842	0	2381	2409	2022-05- 21T12:27: 10			
3248	reeling_ex change	207.61878 96728515 6	43.043899 53613281	7.6700820 92285156 0.	.0	0.0	2.6023321 1517334	375.36105 34667969	437.20895 38574219	276.33023 07128906	0.0	34.013664 24560547	11.271970 74890136 7	331.10046 38671875	422.00863 64746094	224.44818 11523437 5	0.0	27.123756 40869140 6	8.9731063 84277344	1015.5	254.009	2630	2613	2653	2022-05- 21T10:12: 18	2022-05- 21T11:27: 56		20220521-12
3247	nw_sup_c hange																			1011.9	252.577	0	2012	2047	2022-05- 21T11:27: 23	2022-05- 21T11:27: 23		
3246	reeling_ex change	181.88265 99121093 8	37.533000 94604492	6.7550883 29315185 0. 5	.0	0.0	2.2734041 21398926	343.14511 10839844	374.68399 04785156	236.99191 28417968 8	0.0	29.817609 78698730 5	9.9003105 16357422	301.51440 4296875	360.15652 46582031	191.71374 51171875	0.0	23.692605 97229004	7.8486089 7064209	963.8	230.14	2394	2381	2409	2022-05- 21T09:03: 40			20220521-11
3245	reeling_ex change	159.53634 64355468 8	32.727546 69189453	5.9573564 52941894 0. 5	.0	0.0	1.9844616 65153503 4	313.60464 47753906	317.36264 03808594	200.94300 84228515 6	0.0	26.013603 21044922	8.6033468 24645996	274.76461 79199219	304.20956 42089844	162.08038 33007812 5	0.0	20.596876 14440918	6.8315773 01025391	926.0	216.624	2234	2198	2236	2022-05- 21T07:59: 51			20220521-10
3244	nw_sup_c hange																			922.0	218.305	0	2012	2047	2022-05- 21T09:03: 07			
3243	nw_inf_ch ange																			921.1	217.907	0	2355	2396	2022-05- 21T09:03	21T09:03		
3242				5.2029790 8782959 0.		0.0	1.7180523 87237548 8	286.27868 65234375	264.33715 8203125	167.60426 33056640 6	0.0	22.455327 9876709						17.696817 39807129	5.8655409 81292725	887.0	198.842	2043	2012	2047	2022-05- 21T07:01: 30			20220521-09
3241	reeling_ex change	119.01306 15234375	24.035263 06152343 8	4.5296430 58776855 0. 5	.0	0.0		41992187		42724609 (0.0	19.135782 24182129	6.3261518 47839355 5	227.10368 34716797	204.55043 02978515 6	109.34223 17504882 8	0.0	15.053353 30963134 8	5.0004024 50561523	887.6	198.273	2043	2014	2048	2022-05- 21T06:03: 15			20220521-08
3240	reeling_ex change	86083984		3.8732433 31909179 0. 7	.0	0.0	1.2465138 43536377					15.927098 27423095 7	5.2650995 2545166	204.17051 69677734 4	156.55110 16845703	83.971931 45751953	0.0	12.397319 79370117 2	4.0887227 05841064 5	566.8	76.7057	815	808	815	2022-05- 21T04:35: 02			20220521-07
3239	reeling_ex change	83.471534 7290039	16.504838 94348144 5	3.2334890 36560058 0. 6	.0	0.0			139.87045 28808593 8	89.443725 5859375	0.0	14.065377 23541259 8	4.6651005 74493408	190.88200 37841797	129.63397 21679687 5	69.764320 37353516	0.0		3.5833537 57858276 4	908.5	190.021	2211	2175	2213	2022-05- 21T03:31: 48			20220521-06
3238	nw_sup_c hange																			1200.0	190.732	0	2355	2396	2022-05- 21T04:35: 19			
3237	nw_inf_ch ange																			916.7	190.212	0	304	309	2022-05- 21T04:35: 09	2022-05- 21T04:35: 09		
3236				2.4463388 91983032 0. 2		0.0				68.161682 12890625		10.727927 20794677 7	3.5427415 37094116	145.57687 37792968 8	98.879226 68457031	53.219261 16943359 4	0.0	8.2619981 76574707	2.7447354 79354858 4	943.6	208.195	2394	2355	2396	2022-05- 21T02:23: 35			20220521-05
3235	reeling_ex change	41.968605 04150390 6	8.2969522 47619629	1.6239228 24859619 0. 1	.0	0.0	0.5177023 41079711 9					7.1264505 38635254	2.3570566 17736816 4	97.298660 27832031	66.092773 4375	35.580123 90136719			1.8101739 88342285 2		7.39221	100	98	100	2022-05- 21T02:20: 35			20220521-04
3234	reeling_ex change	41.865634 91821289	8.2828788 75732422	1.6239228 24859619 0. 1	.0	0.0	0.5177023 41079711 9	109.99317 93212890 6	69.465133 66699219	44.391731 26220703	0.0	6.9977006 91223144 5	2.3017344 47479248	95.129043 57910156	64.620658 87451172	34.780460 35766601 6	0.0	5.4081344 60449219	1.7797962 42713928 2	941.4	206.889	2394	2356	2396	2022-05- 21T01:12: 15			20220521-03

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3233	reeling_ex change	20.683036 80419922	4.0675230 02624512	0.7967142 46273040 8	0.0	0.0	0.2539069 05651092 53	53.708354 94995117	33.932880 40161133	21.679437 6373291	0.0	3.3808002 47192383	1.1353169 67964172 4	45.963573 45581055	31.220691 68090820 3	16.817882 53784179 7	0.0	2.5997431 27822876	0.8641969 56157684 3	853.1	167.88	1955	1927	1953	2022-05- 21T00:16: 30	2022-05- 21T01:12: 15		20220521-02
3232	nw_sup_c hange																			845.3	166.893	0	304	309	2022-05- 21T01:11: 40	2022-05- 21T01:11: 40		
3231	nw_inf_ch ange																			844.0	164.999	0	2367	2405	2022-05- 21T01:11: 31			
3230	reeling_ex change	78509521		0.0952750 29540061 95	0.0	0.0	0.0281211 10051870 346	6.5408234 59625244	4.1368846 89331055	2.6411128 04412842	0.0	0.3896948 39715957 64	0.1442035 73465347 3	6.0496730 4 80444336 (4.1081171 0357666	2.2107799 05319214	0.0		0.1236190 79589843 75	342.9	25.4744	308	304	309	2022-05- 20T22:10: 10			20220521-01
3229	reeling_ex change	418.78561 40136719	82.102783 203125	15.922803 87878418	0.0	0.0	34430033	3313023	13020312			71.496559 1430664	23.738933 56323242 2	984.59295 6 65429688 8	656.51525 87890625	337.11956 78710937 5	0.0	55.066379 54711914	7	950.2	209.072	2404	2369	2414	2022-05- 20T21:01: 29	2022-05- 20T22:10: 10		20220520-20
3228	reeling_ex change	397.77496 33789062 5	77.914566 04003906	15.122249 60327148 4	0.0	0.0	4.9323120 1171875	1092.1302 49023437 5	676.37927 24609375	411.81137 08496094	0.0			935.54437 6 25585938 9				52.266620 63598633	17.247154 23583984 4	950.2	208.692	2404	2370	2416	2022-05- 20T19:52: 52			20220520-19
3227	rooling ov	375.47375 48828125	73 536230	14.272637	0.0	0.0	4.6545004 84466553	1034.8645 01953125	640.21875	388.68228 14941406	0.0	64.148002 62451172	21.323810 57739257 8	886.51849 5 36523438 3	589.91528 3203125	301.26620 48339844	0.0		16.346408 84399414	924.3	200.835	2310	2274	2311	2022-05- 20T18:46: 50			20220520-18
3226	nw_sup_c hange																			920.7	198.617	0	2367	2405	2022-05- 20T19:52: 21			
3225	nw_inf_ch ange																			919.3	198.093	0	2361	2401	2022-05- 20T19:52: 11			
3224	reeling_ex change		69.239898 68164062	13.443222 99957275 4	0.0	0.0	4.3893227 57720947	979.25354 00390625	605.10040 28320312	366.19830 32226562 5	0.0	60.696598 05297851 6	20.146276 47399902 3	839.07342 5 52929688 6	557.71734 61914062	283.92343 13964844	0.0	46.750747 68066406		945.8	209.498	2404	2367	2405	2022-05- 20T17:38: 09			20220520-17
3223	reeling_ex change	332.06973 26660156	65.027618 40820312	12.611124 99237060 5	0.0	0.0	4.1137537 95623779	921.88891 6015625	568.87609 86328125	343.03741 45507812 5	0.0	57.045242 30957031	18.978282 92846679 7	789.75488 5 28125 8	524.16973 37695312	265.90011 59667969	0.0	95483398	14.517999 64904785 2	946.2	210.341	2404	2371	2416	2022-05- 20T16:29: 31			20220520-16
3222	reeling_ex change	310.09289 55078125	60.645030 9753418	11.762697 21984863 3	0.0	0.0	3.8437509 53674316 4	864.53918 45703125	532.66638 18359375	319.86157 2265625	0.0	53.462665 55786133	17.768531 79931640 6	740.60009 4 765625	490.79370 1171875	247.93109 13085937 5	0.0	41.143234 25292969	13.625597 95379638 7	955.0	214.865	2469	2433	2474	2022-05- 20T15:18: 57			20220520-15
3221	nw_sup_c hange																			950.7	214.787	0	2363	2396	2022-05- 20T16:28: 52			
3220	nw_inf_ch ange																			950.2	214.825	0	2363	2396	2022-05- 20T16:28: 49			
3219	reeling_ex change	287.27969 36035156	56.101364 13574219	10.889572 14355468 8	0.0	0.0	3.5570394 99282837	805.64733 88671875	495.45147 70507812 5	296.04367 06542969	0.0	62524414	4	689.58624 4 26757812 1	13574219	4		38.277866 36352539	12.654707 90863037 1	941.8	206.173	2394	2361	2401	2022-05- 20T14:10: 35			20220520-14
3218		265.27838 13476562 5				0.0	3.2845897 67456054 7	747.74816 89453125	458.87350 46386719	272.63711 54785156	0.0			639.92803 95507812			0.0	26342773	11.728235 24475097 7	944.5	211.19	2394	2368	2407	2022-05- 20T13:02: 13	2022-05- 20T14:10: 35		20220520-13
3217	reeling_ex change	243.83180 23681640 6	47.517230 98754883	9.2332305 90820312	0.0	0.0	3.0218315 12451172	689.87255 859375	422.30349 73144531	249.22706 60400390 6	0.0	42.384181 97631836	14.081189 15557861 3	590.27893 3 06640625 6	388.70083 51816406	192.96603 39355468 8	0.0		10.780711 17401123	926.3	200.971	2307	2275	2307	2022-05- 20T11:56: 18			20220520-12
3216	nw_sup_c hange																			920.7	199.564	0	2363	2396	2022-05- 20T13:01: 44			
3215	nw_inf_ch ange																			919.3	199.037	0	2359	2391	2022-05- 20T13:01: 35			
3214	criarigo	5	90000769			0.0	2.7599515 91491699	634.06292 72460938	387.05191 04003906	226.65594 48242187 5	0.0	38.821735 38208008						7	91967773		210.216	2394	2363	2396	2022-05- 20T10:47: 55	2022-05- 20T11:56: 18		20220520-11
3213	reeling_ex change	201.01446 53320312 5	39.121505 73730469	7.6108121 87194824	0.0	0.0	/1040110	20903120	290075			4	6	492.12316 3 89453125 4	+3/5	4		27.025991 43981933 6	8.9404592 51403809	944.5	208.619	2394	2366	2399	2022-05- 20T09:39: 34	2022-05- 20T10:47: 55		20220520-10
3212	reeling_ex change	180.25825 50048828	35.091491 69921875	6.8092985 15319824	0.0	0.0	2.2266414 16549682 6	519.01214 59960938	314.42160 03417969	180.09465 02685547	0.0	31.585523 60534668	10.495185 85205078 1	442.40191 2 65039062 9 5	288.30718 99414062 5	138.89202 88085937 5	0.0		7.9889726 63879394 5	933.1	199.487	2309	2276	2308	2022-05- 20T08:33: 34			20220520-09
3211	nw_sup_c hange																			928.6	198.704	0	2359	2391	2022-05- 20T09:38: 57	20T09:38:		
3210	nw_inf_ch ange																			927.3	198.178	0	2359	2400		20T09:38:		

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3209	reeling_ex change	160.35879 51660156 2	31.247232 43713379	6.0445561 40899658	0.0	0.0	-			159.65959 16748047		28.030220 03173828	9.2994642 25769043	392.50122 0703125	255.73709 10644531 2	123.19152 06909179 7	0.0	21.494983 67309570 3	7.0932078 36151123	951.5	205.644	2394	2359	2391	2022-05- 20T07:25: 10	2022-05- 20T08:33: 34		20220520-08
3208	reeling_ex change					0.0	2	5	5	138.60908 50830078					222.02848 81591797			03020330	6.1628441 81060791	955.0	207.204	2394	2363	2394	2022-05- 20T06:16: 49	2022-05- 20T07:25: 10		20220520-07
3207	reeling_ex change	118.45028 68652343 8	23.065582 27539062 5	4.4588313 10272217	0.0	0.0	1.4645816 08772277 8	338.66714 47753906	205.15655 51757812 5	117.46688 07983398 4	0.0	20.575422 28698730 5	6.8155269 62280273	289.02325 43945312 5	188.27049 25537109 4	90.713012 6953125	0.0	15.831597 32818603 5	5.2317829 13208008	957.7	209.668	2432	2397	2439	2022-05- 20T05:07: 19	2022-05- 20T06:16: 49		20220520-06
3206	nw_sup_c hange																			952.9	208.601	0	2152	2190	2022-05- 20T06:16: 09	2022-05- 20T06:16: 09		
3205	nw_inf_ch ange																			952.9	208.726	0	2152	2190	08	20T06:16: 08		
3204	change	04070012	01000121	U		0.0	1.2008411 88430786 1	276.69631 95800781	167.62855 52978515 6	95.976379 39453125	0.0	16.821342 46826172							4.2429022 78900146 5	952.4	207.495	2394	2359	2400	55	20T05:07: 19		20220520-05
3203	reeling_ex change					0.0				74.638137 81738281					119.73336 79199218 8			85424805		950.7	207.117	2394	2362	2403	34	20T03:58: 55		20220520-04
3202	reeling_ex change	54.534248 35205078	10.669307 70874023 4	2.0571990 01312256	0.0	0.0	0.6783894 89650726 3	154.40150 45166015 6	93.562370 30029297	53.552764 89257812 5	0.0	9.3447103 50036621	3.0970003 60488891 6	131.39314 27001953	85.634056 0913086	41.236778 25927734 4	0.0	7.1241483 68835449	2.3991549 01504516 6	948.4	205.014	2393	2359	2399	12	20T02:50: 34		20220520-03
3201	nw_sup_c hange																			943.1	200.896	0	2346	2329	51	20T02:49: 51		
3200	nw_inf_ch ange																			943.1	200.603	0	2346	2329	50	20T02:49: 50		
3199				1.2319881 91604614 3		0.0	03011322	08935547	56.330112 45727539	54394531	0.0				51.898006 43920898 4			82855225		906.6	188.714	2184	2152	2190	49	20T01:42: 12		20220520-02
3198	reeling_ex change					0.0				12.839997 29156494 1					20.642019 27185058 6			01693725 6	0.5851216 91226959 2		191.362	2184	2158	2196	34	20T00:39: 49		20220520-01
3197	reeling_ex change					0.0	8.3387575 14953613	1324.6710 20507812 5	1401.5511 47460937 5	790.03387 45117188	0.0				1353.7496 33789062 5			0000004	28.567672 72949218 8		41.1475	486	484	488	04	19T23:37: 34		20220519-31
3196	reeling_ex change	738.83441 16210938	40.094371 7956543	24.801143 64624023 4	0.0	0.0	8.1041936 87438965	08007812 5	52539062 5	778.70721 43554688	0.0	92333984 4	35.678173 06518555	1141.9714 35546875	1328.7580 56640625	619.81927 49023438	0.0	84.979164 12353516	28.069293 97583007 8	959.0	227.595	2403	2368	2349	53	19T22:21: 04		20220519-30
3195	nw_sup_c hange																			1200.0	231.199	0	2345	2328	29	19T22:21: 29		
3194	nw_sup_c hange			22.052.422								402.05554		4400 5050					07.070500	1200.0	231.199	0	2345	2328	29	19T22:21: 29		
3193		74023438	07763672	6		0.0	51593018	140625	1325.1552 734375	54296875	0.0				1280.8530 2734375						227.232	2380	2346	2329	10	19T21:33: 53		20220519-29
3192	reeling_ex change					0.0	5	5	5	724.36364 74609375		2	74951172	72200020	1233.5202 63671875	1015625		00000701	26.074850 08239746	954.6	224.916	2380	2348	2334	2022-05- 19T20:00: 29 2022-05-	19T20:47: 10		20220519-28
3191	reeling_ex change	661.13250 73242188	19726562 5	40820312 5	0.0	0.0	7.2463622 09320068	1159.9697 265625	15039062 5	697.43859 86328125	0.0	96.134407 04345703	31.846836 09008789	07519531 2	49804687 5	554.70129 39453125	0.0	75.825492 85888672	25.070331 57348632 8	951.1	222.427	2352	2318	2301	19T19:14: 18	19T20:00: 29		20220519-27
3190	nw_sup_c hange																			948.4	220.853	0	2345	2328	2022-05- 19T20:00: 13 2022-05-	19T20:00: 13		
3189	nw_inf_ch ange							1112 0020							1139 0460				24.064422	947.1	220.348	0	2344	2327		19T20:00: 05		
3188	cnange	2421875	07714844	21.266622 54333496		0.0				670.55535 88867188		92.358207 70263672							24.064132 69042968 8		223.116	2380	2345	2328	19T18:27: 35	19T19:14: 18		20220519-26
3187	reeling_ex change					0.0				643.86614 99023438		5/000010	40673828	06054688	1091.5249 0234375	00097656			23.064207 07702636 7		227.47	2380	2349	2331	2022-05- 19T17:40: 53 2022-05-	19T18:27: 35		20220519-25
3186	reeling_ex change	582.16918 9453125	31.431159 97314453	79931640 6	0.0	0.0	6.3846364 02130127	19433593 8	38476562 5	616.75524 90234375	0.0	84.703430 17578125	47534179 7	896.84423 828125	1044.0745 84960937 5	490.39407 34863281	0.0	66.750961 30371094	22.070686 34033203	956.4	227.184	2408	2373	2355		2022-05- 19T17:40: 53		20220519-24

ID		A1	A2	А3	A4	A5	A6	B1	B2	ВЗ	В4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3185	nw_sup_c hange																			953.7	226.996	0	2344	2327	2022-05- 19T17:40: 38	2022-05- 19T17:40: 38		
3184	nw_inf_ch ange																			952.4	226.156	0	2088	2077	2022-05- 19T17:40: 29	2022-05- 19T17:40: 29		
3183	change	3/304666	74230957			0.0				589.29833 984375		80.794174 19433594	26.767230 98754882 8	855.64868 1640625	996.05273 4375	468.67028 80859375	0.0	15429687	21.053224 56359863 3	954.6	224.414	2380	2344	2327	2022-05- 19T16:06: 55	2022-05- 19T16:53: 37		20220519-23
3182	reeling_ex change	528.11376 953125	28.457326 88903808 6	17.643939 97192382 8	0.0	0.0	5.7877888 67950439 5	928.80902 09960938	977.17517 08984375	562.58337 40234375	.0	77.014442 44384766						15039062	20.073646 54541015 6	958.2	226.047	2380	2349	2333	2022-05- 19T15:20: 13	2022-05- 19T16:06: 55		20220519-22
3181	reeling_ex change	502.38406 37207031	27.039731 97937011 7	16.751501 08337402 3	0.0	0.0	5.5098938 94195557	882.41363 52539062	927.30322 265625	535.51831 0546875	.0	73.160850 52490234	24.207326 88903808 6	774.83642 578125	901.39758 30078125	425.96041 87011719	0.0	57.704879 76074219	19.074172 97363281 2	881.0	187.505	1984	1955	1945	2022-05- 19T14:41: 16	2022-05- 19T15:20: 13		20220519-21
3180	nw_sup_c hange																			876.2	185.49	0	2364	2344	2022-05- 19T15:19: 48	2022-05- 19T15:19: 48		
3179	nw_inf_ch ange																			875.7	185.107	0	2364	2344	2022-05- 19T15:19: 44	2022-05- 19T15:19: 44		
3178	reeling_ex change	480.13650 51269531	25.818073 27270507 8	15.999848 36578369 1	0.0	0.0	5.2669258 11767578	843.43365 47851562	885.39007 56835938	512.77105 71289062	.0	69.951148 9868164	23.139713 28735351 6	740.98132 32421875	861.66748 046875	408.10833 74023437 5	0.0	69750976 6	18.253536 22436523 4	915.9	199.819	2119	2088	2077	2022-05- 19T13:59: 40	2022-05- 19T14:41: 16		20220519-20
3177	reeling_ex change	457.32775 87890625	24.572048 18725586	15.217320 44219970 7	0.0	0.0	5.0119628 90625	802.59240 72265625	841.49523 92578125	488.92300 41503906	.0	66.548248 29101562						52.548557 28149414	17.355257 03430175 8	917.1	199.388	2119	2088	2078	2022-05- 19T13:18: 11	2022-05- 19T13:59: 40		20220519-19
3176	reeling_ex change	433.18975 83007812 5	23.261175 15563965	14.390665 05432128 9	0.0	0.0	4.7486014 3661499	761.55627 44140625	797.38134 765625	464.97045 8984375 0	.0	63.145774 84130859 4						49.874214 17236328	16.466651 91650390 6	618.4	73.2441	818	804	800	2022-05- 19T12:26: 14	2022-05- 19T13:18: 11		20220519-18
3175	reeling_ex change	413.26052 85644531	22.166986 4654541	13.760870 93353271 5	0.0	0.0	4.5294170 37963867	735.25219 7265625	769.42095 94726562	449.29040 52734375 0	.0	60.961063 38500976 6	20.161537 17041015 6	645.48004 15039062	750.01940 91796875	357.39730 83496094	0.0	25146484	15.889562 60681152 3	929.0	204.934	2160	2126	2110	2022-05- 19T11:43: 11	2022-05- 19T12:26: 14		20220519-17
3174	nw_sup_c hange																			926.4	204.078	0	2368	2344	2022-05- 19T12:25: 58	2022-05- 19T12:25: 58		
3173	nw_inf_ch ange																			926.0	203.296	0	2368	2344	2022-05- 19T12:25: 55	2022-05- 19T12:25: 55		
3172	reeling_ex change	389.26037 59765625	80529785	4		0.0			724.98510 7421875		.0	57.449031 82983398 4	18.988378 52478027 3	608.16900 63476562	707.40435 79101562	336.74639 89257812 5	0.0		14.990451 81274414	986.1	225.275	2400	2364	2344	2022-05- 19T10:55: 59	2022-05- 19T11:43: 11		20220519-16
3171	reeling_ex change	362.11883 54492187 5	19.422542 57202148 4	12.050669 67010498	0.0	0.0	3.9714667 79708862 3	646.76263 42773438	676.82208 25195312	395.16497 80273437 0 5	.0	2170200	8	567.28967 28515625	00000000	5		42.305923 46191406	5		226.754	2400	2365	2348	2022-05- 19T10:08: 49	2022-05- 19T10:55: 59		20220519-15
3170	reeling_ex change	335.67016 6015625	18.010156 63146972 7	11.221537 59002685 5	0.0	0.0	3.6879556 17904663	600.05932 6171875	627.92871 09375	366.59967 04101562 0 5	.0	49.684680 9387207	16.458221 43554687 5	526.38671 875	613.79199 21875	291.44436 64550781	0.0	39.285720 82519531	12.978511 81030273 4	951.5	213.542	2268	2234	2215	2022-05- 19T09:24: 12	2022-05- 19T10:08: 49		20220519-14
3169	nw_sup_c hange																			946.7	213.142	0	2368	2344	2022-05- 19T10:08: 23	2022-05- 19T10:08: 23		
3168	nw_inf_ch ange																			946.2	212.95	0	2368	2344	2022-05- 19T10:08: 20	2022-05- 19T10:08: 20		
3167	reeling_ex change		16.693777 08435058 6	10.372373 58093261 7	0.0	0.0	3.4152674 67498779 3	556.50549 31640625	582.36322 02148438	339.98876 953125	.0	46.057186 12670898 4	15.255518 91326904 3	487.37777 70996094	568.75659 1796875	269.87051 39160156	0.0	94702148 4	11.998048 78234863 3		224.726	2400	2368	2344	2022-05- 19T08:37: 01	2022-05- 19T09:24: 12		20220519-13
3166	reeling_ex change	285.79083 25195312 5	15.351883 88824462 9	9.5079765 31982422	0.0	0.0	3.1403944 49234009	510.38952 63671875	534.11547 8515625	311.79580 68847656	.0	42.292541 50390625					0.0	33.366107 94067383	11.013497 35260009 8	983.9	226.32	2400	2376	2353	2022-05- 19T07:49: 50	2022-05- 19T08:37: 01		20220519-12
3165	state_wor king	280.08908 08105469	15.061222 07641601 6	9.3110961 9140625	0.0	0.0	3.0774695 8732605	499.86718 75	523.11633 30078125	305.36560 05859375	.0	41.399890 8996582	13.708505 63049316 4	72001002	510.80535 88867187 5	242.32620 23925781 2	0.0	32.690700 53100586	10.793747 90191650 4	861.7	172.978	0	0	0	2022-05- 19T08:26: 31	19T08:26:		
3164	reeling_ex change	259.52014 16015625	13.964632 98797607 4	8.6409559 24987793	0.0	0.0	2.8504447 93701172	463.85418 70117187 5	485.43041 9921875	283.37069 70214844 0	.0	38.462856 29272461	12.725413 32244873	406.10644 53125	474.06732 17773437 5	224.88807 67822265 6	0.0	30.322923 66027832	10.023531 91375732 4	967.4	221.169	2366	2335	2312	2022-05- 19T07:03: 19	19T07:49:		20220519-11
3163	nw_sup_c hange																			961.2	216.614	0	2368	2344	2022-05- 19T07:49: 16	19T07:49:		
3162	nw_inf_ch ange																			959.9	215.957	0	2368	2344	2022-05- 19T07:49: 08	19T07:49:		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3161	reeling_ex change	233.74031 06689453	12.588541 98455810 5	7.7657284 7366333	0.0	0.0	2.5613844 39468384	418.18356 32324219	437.64526 3671875	255.46360 77880859 4	0.0	34.634429 93164062 5	11.448872 56622314 5	366.04977 41699219	427.37100 21972656	202.70916 74804687 5	0.0	27.347238 54064941 4	9.0355062 48474121	978.9	225.106	2400	2368	2344	2022-05- 19T06:16: 07	2022-05- 19T07:03: 19		20220519-10
3160	reeling_ex change	208.00744 62890625	11.217660 90393066 4	6.8821454 04815674	0.0	0.0	7	65625	41133900	5		30.806964 87426757 8	10.180895 80535888 7	325.19253 54003906	379.47937 01171875	180.07591 24755859 4	0.0	24.242410 65979004	8.0175294 87609863	980.6	222.984	2400	2371	2347	59	19T06:16: 07		20220519-09
3159	reeling_ex change	182.30595 39794922	9.8348541 25976562	6.0347518 92089844	0.0	0.0	1.9980522 39418029 8	325.53100 5859375	340.69158 93554687 5	198.88024 90234375	0.0	26.974967 95654297	8.9417343 13964844	284.76797 48535156	332.07409 66796875	157.71446 22802734 4	0.0	21.284126 28173828	7.0261340 14129639	947.4	213.595	2285	2256	2233	2022-05- 19T04:44	2022-05- 19T05:28: 59		20220519-08
3158	nw_sup_c hange																			936.5	208.519	0	2368	2344	12	19T05:28: 12		
3157	nw_inf_ch ange																			935.7	208.143	0	2369	2344	07	19T05:28: 07		
3156	reeling_ex change	4	03039040	5.3089714 05029297		0.0	59562683	5/910156	42089844			23.324604 03442382 8						6	22094727		223.196	2400	2368	2344		19104:44		20220519-07
3155	change	131.66569 51904297	79034424	34000133		0.0	41242501	5	4	143.44561 76757812 5				3		7		5	5.0850315 09399414	974.0	228.232	2400	2372	2348	39	19T03:56: 50		20220519-06
3154	reeling_ex change	105.04454 80346679 7	5.6787538 52844238	3.5457391 7388916	0.0	0.0	1.1559734 34448242 2	187.94416 80908203	196.66955 56640625	114.83873 74877929 7	0.0	15.603545 18890380 9	5.1494841 57562256	165.02317 81005859 4	191.66329 95605468 8	91.404067 99316406	0.0		4.0923662 18566894 5	956.8	219.762	2342	2311	2288	36	19T03:09: 39		20220519-05
3153	nw_sup_c hange																			954.2	217.735	0	2369	2344	22	19T03:09: 22		
3152	nw_inf_ch ange			0.0000054					440.70407			44 700700	2.0040702	405.05005	445 40400					952.4	217.167	0	2368	2344	15	19T03:09: 15		
3151	criarige	80.188186 64550781	0001343	5		0.0	0001210	00100200	6	86.867935 18066406			4	3	8	09375		30337330	3.0924117 56515503		223.913	2400	2369	2344	2022-05- 19T01:36: 25 2022-05-	19T02:23: 36		20220519-04
3150	change	54.237869 26269531	00041002	88616943 4 0.9826455	0.0	0.0				58.477069 85473633			4222/1/3	04492188	78125	9152832			2.0892767 90618896 5 1.0859615	968.4	224.125	2400	2375	2361		19T01:36: 25		20220519-03
3149	reeling_ex change	17700195	72790527	11627197	0.0	0.0	49073791	49.409469 60449219	20947265 6	30.175123 21472168	0.0	4.0906567 57354736			50.107925 41503906		0.0		80276489	916.2	201.969	2159	2131	2111		19T00:49: 16		20220519-02
3148	nw_sup_c hange																			913.2	200.491	0	2368	2344		19T00:48: 59		
3147	nw_inf_ch ange	5.0735411	0.2681546	0.1668259			0.0573815					0.5763686	0.1753777						0.1671908	912.3	199.866	0	2374	2344		19T00:48: 53		
3146	change	04396193	6	63		0.0	105	28503418	18170100			0.5763686 89537048 3	11653709 4 31.692655	6.8632555 00793457 1018.1038	7.5639939 3081665	3.7945585 25085449	0.0		64682197 57		224.219	2400	2368	2344		19T00:06: 47		20220519-01
3145	change	640.45123 29101562	78540039	34387207	0.0	0.0		3		671.97851 5625		95.433029 17480469						10000001	24.966823 57788086		9.89259	128	125	124		18T23:19: 43		20220518-28
3144		638.69836 42578125				0.0	88397217	12109375	3828125		0.0	95.176383 97216797						01304237	24.910774 23095703 23.896099		225.655	2400	2374	2346		18T23:17: 05		20220518-27
3143	change	612.69274 90234375	97167969	14709472 7	0.0	0.0	3604126	47460937 5	92773437 5	642.11114 50195312	0.0	91.391998 29101562	13134765 6	07617188	00195312 5	27734375	0.0	72.481826 78222656	23.896099 09057617 2	946.3	216.53	2307	2277	2254		18T22:29: 56		20220518-26
3142	nw_sup_c hange																			940.0	214.485		2374	2344	18T22:29: 37 2022-05-	18T22:29: 37 2022-05-		
3141	nw_inf_ch ange	587.89379	24 822200	10 5/7050			6 4365040	1056.3956	1136 7305	614 62020		97 660000	29.125423	03// 10570	1093 7004	491.64239		60 600240	22 800425	938.8	214.212		2368	2344	18T22:29: 31 2022-05-	18T22:29: 31 2022-05-		
3140	change	8828123	07751465	19189453		0.0				614.63928 22265625		87.669906 61621094						42020300	22.899135 58959961		224.557		2374	2344	18T20:57: 22 2022-05-	18T21:44: 33 2022-05-		20220518-25
3139		561.28857 421875				0.0				585.97454 83398438		83.743003 84521484						021 02000	21.891283 03527832 20.870407		223.365		2377	2353	18T20:10: 12 2022-05-	18T20:57: 22 2022-05-		20220518-24
3138	change	534.19976 80664062	27941894 5	42773437 5	0.0	0.0	47064209	59960938	57617187 5	557.55895 99609375	0.0	79.942787 17041016	45788574 2	38085938	72851562	41210937 5	0.0	24121094	20.870407 10449218 8	948.0	216.219	2312	2282	2259		18T20:10: 12		20220518-23

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3137	nw_sup_c hange																			944.5	214.703	0	386	383	2022-05- 18T20:09: 52	2022-05- 18T20:09: 52		
3136	nw_inf_ch ange																			943.6	214.324	0	386	383	2022-05- 18T20:09: 48	2022-05- 18T20:09: 48		
3135	reeling_ex change	509.49075 31738281	27.557950 97351074 2	16.930253 98254394 5	0.0	0.0	5.5790863 03710937 5	918.01104 73632812	991.94732 66601562	530.01538 0859375	0.0	76.149444 58007812	25.283218 38378906 2	810.51922 60742188	947.24627 68554688	423.19476 31835937 5	0.0	60.396102 90527344	19.870193 48144531 2	973.9	224.937	2400	2368	2344	2022-05- 18T18:37: 31	2022-05- 18T19:24: 43		20220518-22
3134	reeling_ex change	482.41369 62890625	26.083488 46435547	16.001291 27502441 4	0.0	0.0	5.2812638 28277588	871.34326 171875	943.10095 21484375	501.48342 89550781	0.0	72.293800 3540039	24.008666 9921875	769.06750 48828125	902.11108 3984375	400.24276 73339844	0.0		18.866744 99511718 8	972.7	224.008	2400	2369	2350	2022-05- 18T17:50: 25	2022-05- 18T18:37: 31		20220518-21
3133	reeling_ex change	455.44076 53808594	24.615207 67211914	15.068838 11950683 6	0.0	0.0	4.9852919 57855225	824.79266 35742188	894.39801 02539062	472.99569 70214844	0.0	68.422676 08642578	22.727800 36926269 5	727.26239 01367188	856.80102 5390625	377.29913 33007812 5	0.0		17.834255 21850586	881.9	186.687	2007	1982	1966	2022-05- 18T17:10: 59	2022-05- 18T17:50: 25		20220518-20
3132	nw_sup_c hange																			876.2	186.323	0	386	383	2022-05- 18T17:50: 06	2022-05- 18T17:50: 06		
3131	nw_inf_ch ange																			874.4	185.565	0	2364	2340	2022-05- 18T17:49: 57	2022-05- 18T17:49: 57		
3130	reeling_ex change	433.37582 39746094	23.403930 6640625	14.357568 74084472 7	0.0	0.0	4.7466812 13378906	785.73229 98046875	853.52868 65234375	449.09106 4453125	0.0	65.185966 49169922							16.986339 56909179 7	414.0	34.1868	391	386	383	2022-05- 18T16:54: 39	2022-05- 18T17:10: 59		20220518-19
3129	King	07 103070	20200430			0.0	14700001	00040012	00010120			64.734344 48242188						92456055	74975586	292.6	17.5841	0	0	0	2022-05- 18T17:05: 05	2022-05- 18T17:05: 05		
3128				14.210457 80181884 8		0.0	4.6914148 33068848	779.29968 26171875	846.79785 15625	445.12698 36425781	0.0	64.669853 21044922					0.0	04492187 5	16.840789 79492187 5		13.1881	0	0	0	08	18T16:58: 08		
3127	reeling_ex change	04000044	00700000	14.168461 79962158 2	0.0	0.0	01184082	51367188		38964844	0.0	64.347396 85058594					0.0	40000000			222.471	2417	2383	2362	41	18T16:54: 39		20220518-18
3126	King	27929687 5	2	09289550 8		0.0	69299316	6///3438	76757812			24511719	8/121382	04492188	2890625			50.746623 99291992			206.667	0	0	0	12	18T16:50: 12		
3125				14.031976 69982910 2		0.0	4.6268692 01660156	771.62615 96679688	838.76690 67382812	440.42626 953125	0.0	04070	07121002	00102012	200020		0.0	00304044		927.9	205.179	0	0	0	13	18T16:47: 13		
3124				13.249632 83538818 4		0.0	89959717	43164062	793.67449 95117188	68847656	0.0	60.405948 63891601 6	20.061412 81127929 7	641.89587 40234375	761.30249 0234375	329.97958 37402344	0.0	44335937	15.710180 28259277 3	964.3	223.933	2396	2367	2350	13	18T15:51: 41		20220518-17
3123	reeling_ex change	374.58645 62988281	20.265790 93933105 5	12.421867 37060546 9	0.0	0.0	4.1047048 56872559	682.34027 09960938	745.36267 08984375	385.71926 87988281	0.0			600.48693 84765625			0.0		14.703077 31628418	968.3	219.787	2379	2348	2324	06	18T14:52: 13		20220518-16
3122	nw_sup_c hange																			964.3	218.441	0	2364	2340	45	18T14:51: 45		
3121	nw_inf_ch ange																			963.0	217.247	0	2349	2325	36	18T14:51: 36		
3120	change	04002001	6	6		0.0	3.8262479 30526733 4	73242188	61132812	41113281	0.0	52.791320 80078125	17.542150 49743652 3	560.05230 71289062	668.55975 34179688	285.57119 75097656	0.0	41.746242 52319336	2		222.172	2396	2364	2340	35	18T13:53: 06		20220518-15
3119	onungo	01000100	3	10.768918 99108886 7		0.0	18133345	78515625	00004000			4	51208496	518.71978 75976562	27148438	77050781	0.0	00270207	12.702587 12768554 7		223.938	2396	2365	2342	07	18T12:53: 35		20220518-14
3118	reeling_ex change	297.85830 68847656	16.151874 54223632 8	9.9108285 90393066	0.0	0.0	3.2638773 91815185 5	544.88043 21289062	597.87640 38085938	305.24411 01074219	0.0	45.245086 66992187 5	14.993374 82452392 6	478.46160 88867187 5	574.64562 98828125	242.40866 08886718 8	0.0	35.667140 96069336	11.701928 13873291	955.0	215.098	2346	2311	2287	58	18T11:54: 07		20220518-13
3117	nw_sup_c hange																			951.1	212.507	0	2349	2325	38	18T11:53: 38		
3116	nw_inf_ch ange																			949.8	211.954	0	2349	2325	29	18T11:53: 29		
3115		274.48364 2578125				0.0	00303023	10443213	30132012			41.571403 50341797	•			-		33000400			219.086	2396	2349	2325	50	18T10:55: 58		20220518-12
3114	reeling_ex change	250.33454 89501953	13.596971 51184082	8.3300237 65563965	0.0	0.0	2.7403995 99075317 4	455.61856 07910156	501.45333 86230469	253.69799 8046875	0.0	37.841312 40844726 6	12.536980 62896728 5	398.53042 60253906	482.00128 17382812 5	200.64218 13964843 8	0.0	29.705406 18896484 4	9.7476835 2508545	965.6	220.435	2396	2351	2331	2022-05- 18T08:57: 44	2022-05- 18T09:56: 50		20220518-11

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3113	reeling_ex change	225.15609 74121093 8	12.228396 41571045	7.4733381 27136230 5	0.0	0.0	2.4682419 30007934 6	410.54986 57226562 5	451.84066 77246094	228.58862 3046875	1.0	34.054809 5703125	11.264230 72814941 4	358.33276 3671875	434.43344 11621094	180.42073 05908203	0.0	26.657184 60083007 8	8.7678546 90551758	958.6	223.053	2424	2377	2354	2022-05- 18T07:57: 53	2022-05- 18T08:57: 44		20220518-10
3112	nw_inf_ch ange																			953.7	221.907	0	2349	2325	2022-05- 18T08:57: 06	2022-05- 18T08:57: 06		
3111	nw_sup_c hange																			953.3	221.814	0	2349	2325	2022-05- 18T08:57: 05	2022-05- 18T08:57: 05		
3110	reeling_ex change	201.23976 13525390 6	10.921733 85620117 2	6.6729898 45275879	0.0	0.0				203.23814 39208984 4		30.262084 9609375	10.036094 66552734 4	318.11331 17675781	386.70217 89550781	160.14680 48095703	0.0	23.686422 34802246	7.7843441 9631958	955.5	219.09	2396	2349	2325	2022-05- 18T06:58: 46	2022-05- 18T07:57: 53		20220518-09
3109	reeling_ex change	176.37190 24658203	01223300	0449707		0.0				178.13746 64306640 6		34140020	1000702	1020120	339.37835 69335937 5	2	0.0	3273341			218.406	2396	2350	2332	2022-05- 18T05:59: 40	2022-05- 18T06:58: 46		20220518-08
3108	reeling_ex change	151.58023 07128906 2	8.2352304 45861816	5.0127248 76403809	0.0	0.0	1.6617118 12019348 1	275.02209 47265625	302.66818 23730469	153.14245 60546875	0.0	22.843086 24267578	7.5547213 55438232	238.87144 47021484 4	291.68859 86328125	120.26473 99902343 8	0.0	17.782878 87573242 2	5.8488793 37310791	948.9	212.807	2336	2291	2268	2022-05- 18T05:01: 59	2022-05- 18T05:59: 40		20220518-07
3107	nw_sup_c hange																			944.9	211.864	0	2349	2325	2022-05- 18T05:59: 09	2022-05- 18T05:59: 09		
3106	nw_inf_ch ange																				211.495	0	2349	2325	03	18T05:59: 03		
3105		5				0.0				128.75970 45898437 5	0.0		27033003	01030025	01302422	5		30120703	4.9204745 29266357		219.167	2396	2349	2325	52	18T05:01: 59		20220518-06
3104		3				0.0	02677917 5	16943359 4	5	51660156 0 2		15.444226 26495361 3						6	3.9627075 1953125		221.534	2396	2350	2332	46	18T04:02: 52		20220518-05
3103	reeling_ex change	78.350143 43261719	4.2754025 45928955	2.5957939 62478637 7	0.0	0.0	0.8504539 72816467 3	141.39547 72949218 8	155.61656 18896484 4	78.742576 5991211	0.0	11.703231 81152343 8	3.8949277 40097046	122.39253 23486328 1	149.73144 53125	61.621337 890625	0.0	9.1116132 73620605	3.0051376 81961059 6	951.5	218.158	2379	2333	2309	03	18T03:03: 46		20220518-04
3102	nw_sup_c hange																			947.1	217.462	0	2349	2325	15	18T03:03: 15		
3101	nw_inf_ch ange		0.000404	4 707000			0.5000507		405.0005	50.007540			0.0404000						0.0450470		216.997	0	2349	2325	08	18T03:03: 08		
3100		53.378574 37133789				0.0				53.627540 58837890 6		7.9595575 3326416						00070702			220.189	2396	2349	2325	55	18T02:05: 03		20220518-03
3099		5				0.0				28.465764 99938965					53.722892 76123047			13010033	1.0828239 91775512 7	959.0	218.787	2396	2351	2329	50	18T01:05: 55		20220518-02
3098	reeling_ex change	3.7095587 25357055 7	0.1983899 47414398 2	0.1240187 21282482 15	0.0	0.0	0.0447422 04248905 18	6.0010027 88543701	6.6081652 64129639	3.3410172 46246338	0.0	0.5182851 55296325 7	39075660 7	4.6782803 53546143	5.7567110 06164551	2.3603990 07797241	0.0		0.1171109 00580883 03	942.3	216.021	2335	2290	2267	10	18T00:06: 50		20220518-01
3097	nw_sup_c hange																			938.3	214.981	0	2349	2325	21	18T00:06: 21		
3096	nw_inf_ch ange		EE 441007	20 505170									20.724044		1245 0000				22 224602		214.933	0	2349	2325	15	18T00:06: 15		
3095	onango		4	5		0.0	08011475	81054666	234375			89.918655 39550781	8		5			71323020	23.324602 12707519 5	956.7	224.925	2396	2349	2325	02	17T23:09: 10		20220517-27
3094	change	570.00549 31640625	309373	30034901		0.0	34204102	2421875	69140625				42303918	1875	80859375	880/18/5		39501953	3		223.393	2396	2349	2330	57	17T22:10: 02		20220517-26
3093	reeling_ex change	545.06268 31054688	52.712627 41088867	15100097 7	0.0	0.0	6.2117295 26519775	886.29699 70703125	27539062 5	578.84686 27929688	0.0	82.403205 87158203	21.250113 34838867 2	773.51507 56835938	1148.0388 18359375	85351562 5	0.0	64.786888 1225586	21.355699 53918457	948.4	221.444	2361	2315	2292	40	17T21:10: 57		20220517-25
3092	nw_sup_c hange																			944.9	218.408	0	2349	2325	21	17T00:17: 21		
3091	nw_inf_ch ange		51 320350										26.011822		1000 1805				20.407867	943.6	219.825	0	2349	2325	21	2022-05- 17T00:17: 21 2022-05-		
3090	reeling_ex change	519.81695 55664062	64697265 6	18.030693 05419922	0.0	0.0	5.9402236 93847656	841.88037 109375	1123.4829 1015625	555.35357 66601562	0.0	78.724716 18652344	65417480 5	734.67822 265625	75195312 5	442.33139 03808594	0.0	61.864604 94995117	20.407867 43164062 5	954.2	224.041	2396	2349	2325		17T20:12: 40		20220517-24

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3089	reeling_ex change	493.64578 24707031	49.880802 15454101 6	17.168750 76293945 3	0.0	0.0	5.6574449 53918457	796.37939 453125	1072.0863 03710937 5	531.28625 48828125	0.0	74.967704 77294922	24.748823 16589355 5	695.32171 63085938	1049.6997 0703125	423.51126 09863281	0.0	58.933242 79785156	19.457622 52807617 2	966.5	222.655	2396	2349	2339	2022-05- 17T18:14: 27	2022-05- 17T19:13: 33		20220517-23
3088	reeling_ex change	468.45788 57421875	48.497978 21044922	16.336685 18066406 2	0.0	0.0	5.3763594 62738037	751.35424 8046875	1021.2423 09570312 5	507.46475 21972656	0.0	71.197418 21289062	23.508155 82275390 6	655.79412 84179688	999.91564 94140625	404.59219 36035156	0.0		18.482341 76635742 2	956.8	227.703	2422	2376	2351	2022-05- 17T17:14: 40	2022-05- 17T18:14: 27		20220517-22
3087	nw_sup_c hange																			952.9	225.08	0	2349	2325	2022-05- 17T00:17: 21	2022-05- 17T00:17: 21		
3086	nw_inf_ch ange																			951.9	224.514	0	2333	2330	2022-05- 17T00:17: 21	2022-05- 17T00:17: 21		
3085	reeling_ex change	441.63122 55859375	47.022586 82250976 6	15.449887 2756958	0.0	0.0	5.0855779 64782715	705.77844 23828125	969.66937 25585938	483.47695 92285156	0.0	67.430686 9506836	22.251182 55615234 4	615.93933 10546875	949.66882 32421875	385.64495 84960937 5	0.0	87719726	17.514429 09240722 7	954.6	219.099	2396	2349	2325	2022-05- 17T16:15: 32	2022-05- 17T17:14: 40		20220517-21
3084	state_wor king	425.08969 11621094	46.100193 02368164	14.895155 90667724 6	0.0	0.0	4.9110374 45068359	677.44909 66796875	936.90435 79101562	469.26565 55175781	0.0	65.036857 60498047						51.245666 50390625	16.902458 19091797	573.9	77.515	0	0	0	2022-05- 17T04:59: 39	2022-05- 17T04:59: 39		
3083	King	03130719	02300104			0.0	4.9110374 45068359	676.09918 21289062	935.35491 94335938	468.59680 17578125	0.0	64.907798 76708984	21.454221 72546386 7	590.06494 140625	916.30163 57421875	373.90859 98535156	0.0	95849609	16.873394 01245117 2	548.7	71.3031	0	0	0	2022-05- 17T04:59: 39	2022-05- 17T04:59: 39		
3082	state_wor king	424.88717 65136719	46.100193 02368164	14.884637 83264160 2	0.0	0.0	4.9110374 45068359	676.09918 21289062	935.35491 94335938	468.59680 17578125	0.0	64.907798 76708984	21.454221 72546386 7	590.06494 140625	916.30163 57421875	373.90859 98535156	0.0		16.873394 01245117 2	548.7	71.3031	0	0	0	2022-05- 17T04:59: 39	2022-05- 17T04:59: 39		
3081	etate wor		46 100103	14.884637		0.0	4.9110374 45068359	676.09918 21289062	935.35491 94335938	468.59680 17578125	0.0	64.907798 76708984	21.454221 72546386 7	590.06494 140625	916.30163 57421875	373.90859 98535156	0.0		16.873394 01245117 2	548.7	71.3031	0	0	0	2022-05- 17T04:59: 39	2022-05- 17T04:59: 39		
3080	change	011/18/5	08300781	14.592701 91192627		0.0	4.8100352 28729248	661.72558 59375	918.72491 45507812	461.40350 34179687 5	0.0	63.747364 04418945	21.044836 04431152 3	577.67602 5390625	900.33343 50585938	368.30227 66113281	0.0	50.226238 25073242	16.553878 78417968 8	948.9	222.641	2396	2350	2326	2022-05- 17T15:16: 27	2022-05- 17T16:15: 32		20220517-20
3079	reeling_ex change	390.81997 68066406	44.217742 91992187 5	13.737308 50219726 6	0.0	0.0	4.5318870 54443359	616.91687 01171875	866.90954 58984375	438.98980 71289062 5	0.0	60.010742 1875	19.831197 73864746	538.64752 19726562	850.04211 42578125	350.63189 69726562 5	0.0	88891601	15.599984 16900634 8	966.4	225.186	2434	2371	2367	2022-05- 17T14:16: 21	2022-05- 17T15:16: 27		20220517-19
3078	nw_inf_ch ange																			959.9	224.697	0	2337	2328	2022-05- 17T00:17: 21	2022-05- 17T00:17: 21		
3077	nw_sup_c hange																			959.5	224.697	0	2337	2328	2022-05- 17T00:17: 21	2022-05- 17T00:17: 21		
3076	reeling_ex change	364.76635 7421875	42.805454 25415039	12.886077 88085937 5	0.0	0.0	00012207	01/18/5	17382812			56.197647 09472656	87121582	93457031	7890625	2890625		44.345962 52441406	14.626067 16156005 9	956.4	227.417	2396	2333	2330	2022-05- 17T13:17: 14	2022-05- 17T14:16: 21		20220517-18
3075	criarige	37421073	01274414			0.0	3.9758701 32446289	525.07989 50195312	761.03778 07617188	393.16296 38671875	0.0	52.402965 5456543	17.327630 9967041	459.32080 078125	747.86547 8515625	314.71102 90527344	0.0	41.371189 11743164	13.659613 60931396 5	958.6	225.314	2396	2343	2332		2022-05- 17T13:17: 14		20220517-17
3074	reeling_ex change	314.53668 21289062 5	40.123550 41503906	11.248034 47723388 7	0.0	0.0	3.7052009 10568237 3	479.33297 72949219	708.19726 5625	370.31439 20898437 5	0.0	48.634826 66015625	16.073148 72741699 2	419.28784 1796875	696.35595 703125	296.58630 37109375	0.0	38.388690 94848633	12.671907 42492675 8	966.5	231.479	2445	2385	2377	2022-05- 17T11:17: 47	2022-05- 17T12:18: 07		20220517-16
3073	reeling_ex change																			963.0	227.454	0	2337	2328	2022-05- 17T00:17: 21	2022-05- 17T00:17: 21		
3072	reeling_ex change																			962.1	228.264	0	1963	1963	2022-05- 17T00:17: 21	2022-05- 17T00:17: 21		
3071	reeling_ex change	289.29974 36523437 5	38.778884 88769531	10.409607 88726806 6	0.0	0.0	3	70209531	0/8125			44.728828 43017578	14.753120 42236328 1	379.22055 05371094	644.77368 1640625	278.45202 63671875	0.0	6	11.657643 31817627		226.318	2396	2337	2328		2022-05- 17T11:17: 47		20220517-15
3070	change	4700020	54589844	9.6426925 65917969		0.0	3.1593804 35943603 5	387.09973 14453125	601.52435 30273438	324.18658 44726562 5	0.0	41.022014 61791992						37426758	10.699092 86499023 4		222.641	2396	2338	2332	2022-05- 17T09:19: 34	2022-05- 17T10:18: 39		20220517-14
3069	reeling_ex change	241.66731 26220703	36.240081 78710937 5	8.8517723 0834961	0.0	0.0			547.51080 32226562	302.39474 48730469	0.0	37.189884 18579101 6	12.275588 03558349 6	300.52035 52246094	542.07141 11328125	243.64466 85791015 6	0.0	29.535598 75488281 2	9.7395792 00744629	927.4	210.24	2239	2181	2181	2022-05- 17T08:24: 19	2022-05- 17T09:19: 34		20220517-13
3068	reeling_ex change																			922.0	207.11	0	2352	2380	2022-05- 17T00:17: 21	2022-05- 17T00:17: 21		
3067	reeling_ex change																			922.0	207.305	0	2352	2380	2022-05- 17T00:17: 21	2022-05- 17T00:17: 21		
3066	reeling_ex change	219.00213 62304687 5	35.032348 6328125	8.0983924 86572266	0.0	0.0	2.6438145 63751220 7	298.77828 97949219	497.09902 95410156	282.29052 734375	0.0	33.679416 65649414	11.123659 13391113 3	263.67953 49121094	493.35556 03027344	227.90927 12402343 8	0.0	26.834077 83508300 8	8.8352613 44909668	879.7	188.062	2013	1963	1963	2022-05- 17T07:34: 38	2022-05- 17T08:24: 19		20220517-12

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3065	reeling_ex change	198.76191 71142578	33.944648 74267578	7.4229474 06768799	0.0	0.0			451.91397 09472656		0.0	30.537242 88940429 7	10.077092 17071533 2	230.88627 62451172	449.93490 60058594	213.88163 75732422	0.0	8			194.341	2062	2012	2012	2022-05- 17T06:43: 49			20220517-11
3064				55480957		0.0				245.86419 67773437 5		27.275360 10742187 5						5	32067871		84.7472	906	872	873	2022-05- 17T04:58: 36	2022-05- 17T06:43: 49		20220517-10
3063	state_wor king	167.56636 04736328	32.288761 13891601 6	6.3877611 16027832	0.0	0.0				237.61618 04199218 8		25.814672 47009277 3						20.847839 35546875	6.8561196 32720947	233.1	7.7975	0	0	0	2022-05- 17T04:59: 39			
3062	state_start	166.16642 76123047	32.201374 05395508	6.3372006 4163208	0.0	0.0				237.10166 93115234 4		25.751277 92358398 4					0.0	43/0220/	6.8279581 06994629		3.50888	0	0	0	2022-05- 17T04:59: 39			
3061		09228515 6	95532226 6	-		0.0				230.39071 65527343 8		68/133/9	11/43164	12890625	09230201	4	0.0	04000709	6.5187382 69805908		1.66576	0	0	0	2022-05- 17T04:59: 39			
3060	reeling_ex change	146.79249 57275390 6	31.121067 04711914	5.6948404 31213379	0.0	0.0				230.39071 65527343 8		68713379	11743164	12890625	09230201	4		04000709	6.5187382 69805908	190.3	1.46979	0	0	0	2022-05- 17T04:59: 39			20220517-09
3059	reeling_ex change	145.90893 5546875	30.943231 5826416	5.6638841 62902832	0.0	0.0	1.8452045 91751098 6	188.21488 95263672	365.65615 84472656	229.60798 64501953	0.0	24.484699 24926757 8	8.0721015 93017578	168.90069 58007812 5	367.46832 27539062 5	187.00840 75927734 4	0.0	19.775928 49731445 3	6.4906649 58953857	956.8	222.336	2312	2296	2323	2022-05- 17T04:12: 45			20220517-08
3058	reeling_ex change																			956.4	221.253	0	2352	2380	2022-05- 17T00:17: 21			
3057	reeling_ex change																			955.5	220.798	0	2353	2381	2022-05- 17T00:17: 21	17T00:17: 21		
3056		,		4.7894892 69256592	0.0	0.0	4	8	0003373			20.740221 02355957	•					16.693731 3079834	5.4822421 07391357	970.5	230.181	2370	2352	2380	2022-05- 17T03:25: 48	17T04:12: 45		20220517-07
3055		85180664	2	4		0.0	6	4	6						252.93676 7578125			64947509 8	4.4763641 35742187 5		228.952	2370	2358	2384	2022-05- 17T02:38: 52	17T03:25: 48		20220517-06
3054	reeling_ex change	76.979164 12353516	16.373334 88464355 5	2.9934215 54565429 7	0.0	0.0	0.9660580 75428009	100.08187 10327148 4	194.28675 84228515 6	121.99875 64086914	0.0	12.986414 90936279 3	4.2818956 37512207	89.739707 94677734	195.68775 93994140 6	99.388061 5234375	0.0	10.516335 48736572 3	3.4359712 60070801	943.8	215.485	2234	2219	2245	2022-05- 17T01:54: 33	17T02:38: 52		20220517-05
3053	reeling_ex change																			933.9	210.355	0	2353	2381		17T00:17: 21		
3052	reeling_ex change																			933.0	209.87	0	145	147	2022-05- 17T00:17: 21	17T00:17: 21		
3051	change	71100992	70892334			0.0	1	36914062	67626953	14746094	0.0	9.3586263 65661621						73144331	2.5081572 53265381		228.574	2370	2353	2381	2022-05- 17T01:07: 42	17T01:54: 33		20220517-04
3050				1.2838833 33206176 8		0.0				52.368553 16162109 4		5.5478377 34222412							1.4682389 49775695 8	265.0	10.239	127	126	127	2022-05- 17T01:05: 04	17T01:07: 42		20220517-03
3049				1.2323122 02453613 3	0.0	0.0				50.211372 37548828		5.3570218 08624268					0.0	98339844	1.4118140 93589782 7	974.3	229.455	2370	2357	2383		17T01:05: 04		20220517-02
3048	reeling_ex change	9.3460712 43286133	2.0026521 68273926	0.3581370 71132659 9	0.0	0.0	0.1174329 44476604 46	11.653023 71978759 8	22.598354 33959961	14.205343 24645996 1	0.0	69648742	96205520		23.176380 15747070 3		0.0	35189819	0.3949943 48287582 4	943.1	214.454	2238	2222	2249	2022-05- 16T23:33: 52	17T00:18: 07		20220517-01
3047	reeling_ex change																			936.5	212.457	0	145	147	2022-05- 17T00:17: 21	17T00:17: 21		
3046	reeling_ex change																				211.871	0	0	0	2022-05- 17T00:17: 21	17T00:17: 21		
3045	criarige	03070012	8	25.741113 66271972 7		0.0				1039.5678 7109375		110.80030 05981445 3						20100100	29.747489 92919922		11.9288	148	145	147	2022-05- 16T23:30: 50	16T23:33: 52		20220516-34
3044	cnange	69921875	19482422	25.709711 0748291		0.0	20204000	00040020	0020	1037.0711 66992187 5		110.54572 29614257 8							29.690948 48632812 5		228.854	2370	2354	2381	2022-05- 16T22:43: 53	16T23:30: 50		20220516-33
3043				24.806287 76550293		0.0				1001.1520 38574218 8		106.73275 75683593 8						30/0/3/6	28.671195 98388672		229.357	2370	2355	2383	57	16T22:43: 53		20220516-32
3042	reeling_ex change	618.92022 70507812	131.51405 33447265 6	23.909971 23718261 7	0.0	0.0	7.8023414 61181641	793.28729 24804688	1538.8913 57421875	965.31072 99804688	0.0	102.90322 11303711	34.041370 3918457	716.81671 14257812	1550.2742 91992187 5	793.43554 6875	0.0	83.672683 71582031	27.655838 01269531 2	937.5	209.134	2188	2173	2196	2022-05- 16T21:13: 32			20220516-31

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
3041	nw_sup_c hange																			975.3	230.279	2370	2352	2378	2022-05- 16T21:56: 27			
3040	nw_inf_ch ange																			975.3	230.279	2370	2352	2378	2022-05- 16T21:56: 27	2022-05- 16T21:56: 27		
3039	reeling_ex change	598.45782 47070312	127.16825 10375976 6	23.105491 63818359 4	0.0	0.0	7.5478820 80078125	765.89471 43554688	1485.7866 2109375	931.99023 4375 0	.0	99.334617 6147461	32.860527 03857422	692.50360 10742188	1497.2539 0625	766.51538 0859375	0.0	80.794891 35742188	26.708889 00756836	975.3	230.279	2370	2352	2378	2022-05- 16T20:26: 34	2022-05- 16T21:13: 32		20220516-30
3038	reeling_ex change	575.19653 3203125	122.20455 93261718 8	22.210205 078125	0.0	0.0	7.2565164 56604004	736.63836 66992188	1429.0739 74609375	896.42474 36523438 0	.0	95.520683 28857422	31.597509 38415527 3	666.21905 51757812	1439.9881 59179687 5	737.44799 8046875			25.678895 95031738 3	975.3	229.189	2370	2357	2381	2022-05- 16T19:39: 44	2022-05- 16T20:26: 34		20220516-29
3037	reeling_ex change	551.86590 57617188	117.25569 15283203 1	21.303001 40380859 4	0.0	0.0	6.9569931 03027344	707.08306 88476562	1371.6743 1640625	860.42565 91796875	.0	91.698127 74658203	30.343011 8560791	639.65118 40820312	1381.9727 78320312 5	708.01190 18554688	0.0	3071209	7		13.2743	160	157	159	2022-05- 16T19:36: 30	2022-05- 16T19:39: 44		20220516-28
3036	reeling_ex change	550.80163 57421875	117.01921 08154296 9	21.261260 98632812 5	0.0	0.0	6.9479436 87438965	705.12756 34765625	1367.8959 9609375	858.04772 94921875 0	.0	91.444160 46142578	30.259876 25122070 3	637.96173 09570312	1378.2651 3671875	706.12774 65820312	0.0	74.441696 16699219	24.591291 42761230 5	958.7	221.436	2298	2279	2306	2022-05- 16T18:50: 56			20220516-27
3035	nw_sup_c hange																			978.3	232.39	2370	2349	2384	2022-05- 16T19:36: 02			
3034	nw_inf_ch ange																			978.3	232.39	2370	2349	2384	2022-05- 16T19:36: 02			
3033	change	528.30047 60742188	03881836	6		0.0				822.94793 70117188 0		87.698455 81054688							23.585695 26672363 3		232.39	2370	2349	2384	58	16T18:50: 56		20220516-26
3032		504.54647 82714844				0.0	36889648	345/0312	078125			83.817939 75830078						0000000	b		230.824	2370	2352	2387	02	16T18:03: 58		20220516-25
3031	reeling_ex change	481.35110 47363281	102.33362 57934570 3	18.599607 46765136 7	0.0	0.0	6.0779032 70721435 5	616.62438 96484375	1196.2117 91992187 5	750.28393 5546875 0	.0	79.998054 50439453	26.457378 38745117 2	558.32562 25585938	1204.7340 08789062 5	617.98974 609375	0.0	65.142372 13134766	21.544183 7310791	934.3	213.87	2168	2149	2179	08	16T17:17: 02		20220516-24
3030	nw_sup_c hange																			278.7	12.6513	152	150	152	38	16T17:16: 38		
3029	nw_inf_ch ange																			278.7	12.6513	152	150	152	38	16T17:16: 38		
3028		460.18130 49316406			0.0	0.0				716.69396 97265625		76.431045 53222656						00430047	20.594808 57849121		12.6513	152	150	152	01	16T16:34: 08		20220516-23
3027	change	458.99093 62792969	58105469	73474121	0.0	0.0	65313721	00195312	0625			76.175613 40332031							20.511306 76269531 2	966.9	228.228	2320	2298	2331	10	16T16:31: 01		20220516-22
3026		436.64788 81835937 5				0.0				677.85351 5625		72.279335 02197266						56005859 4	19.511106 49108886 7	353.6	23.6457	265	262	266	35	16T15:45: 10		20220516-21
3025				16.712972 64099121		0.0	15802002	50976562	4453125			71.768562 31689453						60253906	19.372303 00903320 3		209.206	2159	2142	2175	25	16T15:34: 25		
3024	state_start	431.81610 10742187 5				0.0	5.4515004 15802002	553.30572 50976562	1073.3481 4453125	673.12799 07226562 0	.0	71.768562 31689453							19.372303 00903320 3	941.5	209.206	2159	2142	2175	25	16T15:34: 25		
3023	state_wor king			16.712972 64099121		0.0	5.4515004 15802002	50976562	4453125	07226562		71.768562 31689453						60253906			209.206	2159	2142	2175	2022-05- 16T15:34: 25	16T15:34: 25		
3022		431.81610 10742187 5				0.0	15802002	50976562	4453125			71.768562 31689453						60253906	3	011.0	209.206	2159	2142	2175	2022-05- 16T15:34: 25	16T15:34: 25		
3021				16.712972 64099121		0.0	15802002	50976562	4453125			71.768562 31689453						0020000			209.206	2266	2245	2280	25	16T15:34: 25		20220516-20
3020	reeling_ex change	411.38064 57519531	87.466262 81738281	15.924235 34393310 5	0.0	0.0	5.1928062 43896484	526.32598 87695312	1020.9709 47265625	640.23516 84570312 0	.0	68.326400 75683594	22.576314 92614746	477.39492 79785156	1029.2435 30273437 5	528.33532 71484375	0.0	55.713962 55493164	18.428997 03979492 2	943.6	217.271	2266	2245	2280	53	16T14:50: 47		20220516-19
3019	nw_sup_c hange																			976.9	227.81	2400	2377	2415	23	16T14:50: 23		
3018	nw_inf_ch ange																			976.9	227.81	2400	2377	2415	2022-05- 16T14:50: 23	2022-05- 16T14:50: 23		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
3017	reeling_ex change	388.94882 20214844	82.720787 04833984	15.066909 79003906 2	0.0	0.0	4.9056668 28155518	498.25109 86328125	966.46221 92382812	606.03082 27539062	0.0	00390430	4	92376123	20320312			52.705734 25292969	17.431852 34069824 2	976.9	227.81	2400	2377	2415	2022-05- 16T13:18: 18	2022-05- 16T14:05: 53		20220516-18
3016	reeling_ex change	366.38372 80273437 5	77.957481 38427734	14.190847 39685058 6	0.0	0.0				569.52166 74804688		5	3	5	00001002		0.0	49.543533 32519531	16.403289 79492187 5	973.1	227.162	2400	2384	2418	2022-05- 16T12:30: 47	2022-05- 16T13:18: 18		20220516-17
3015	reeling_ex change	342.61633 30078125	72.930267 33398438	13.262857 43713378 9	0.0	0.0	4.3242182 73162842	438.47796 63085937 5	850.30004 8828125	533.11614 99023438	0.0	56.896415 71044922	18.786832 80944824 2	397.31930 54199219	858.34014 89257812	439.64566 04003906	0.0	46.379749 2980957	15.347244 26269531 2	951.5	217.557	2277	2256	2288	2022-05- 16T11:45: 37	2022-05- 16T12:30: 47		20220516-16
3014	nw_sup_c hange																			981.9	228.362	2400	2377	2410	2022-05- 16T12:30: 19	2022-05- 16T12:30: 19		
3013	nw_inf_ch ange																			981.9	228.362	2400	2377	2410	19	16T12:30: 19		
3012	change	5	20003403	3		0.0	35852051	78027344	453125							410.58618 1640625	0.0	43.288478 85131836	14.349522 59063720 7	981.9	228.362	2400	2377	2410	04	16T11:45: 37		20220516-15
3011	onango	00.0.20	6	11.534533 50067138 7		0.0				461.89700 31738281		5	5	5	4140625		0.0	40.046672 82104492	8		230.571	2400	2380	2415	31	16T10:58: 04		20220516-14
3010	reeling_ex change	273.42425 53710937 5	58.179458 61816406	10.605169 29626464 8	0.0	0.0	3.4491453 17077636 7	349.99676 51367187 5	678.22357 17773438	425.16265 86914062 5	0.0	45.365306 85424805	15.013119 6975708	316.07138 06152344	686.10351 5625	349.67819 21386719	0.0	36.850933 07495117	12.214081 76422119 1	966.2	221.858	2305	2284	2316	49	16T10:10: 31		20220516-13
3009	nw_sup_c hange																			969.6	222.157	2320	2307	2339	06	16T10:10: 06		
3008	nw_inf_ch ange																			969.6	222.157	2320	2307	2339	06	16T10:10: 06		
3007	change	2	4	25097656	0.0	0.0	4	09028906	02090312			41.694606 78100586					0.0	74707031		969.6	222.157	2320	2307	2339	17	16T09:24: 49		20220516-12
3006				8.8973999 0234375		0.0				356.16259 765625		38.047386 16943359 4					0.0	87976074 2	10.214444 16046142 6		50.7483	570	557	564	55	16T08:40: 17		20220516-11
3005		045 00450		8.3477916 7175293		0.0				341.67089 84375		36.490329 74243164					0.0	5			178.032	1861	1855	1874	52	16T07:28: 52		
3004		2	91129492			0.0				341.67089 84375						279.98623 65722656	0.0	5	9.7913179 397583		178.032	1861	1855	1874	52	16T07:28: 52		
3003		2	31123432	8.3477916 7175293		0.0				341.67089 84375		36.490329 74243164					0.0	5			178.032	1861	1855	1874	2022-05- 16T07:28: 52 2022-05-	16T07:28: 52		
3002				8.3477916 7175293		0.0				341.67089 84375		36.490329 74243164						20 544425	9.7913179 397583		178.032	1861	1855	1874		16T07:28: 52		
3001				8.3477916 7175293		0.0				341.67089 84375						279.98623 65722656		5			178.032	1861	1855	1874		16T07:27: 55		20220516-10
3000	reeling_ex change	197.81620 78857422	42.093280 79223633	7.7372064 5904541	0.0	0.0	83374023 4	258.63668 82324219	500.88424 68261719	313.96423 33984375	0.0	33.561717 98706055	18981933 6	43505859 4	505.98019 40917969	257.38983 15429687 5	0.0	03015136 7	9.0009899 1394043	959.1	220.344	2301	2264	2293		16T06:51: 04		20220516-09
2999	nw_sup_c hange																			980.7	235.922	2400	2364	2396		16T06:50: 39		
2998	nw_inf_ch ange						2 2107270		447 26071			20 078706		207 01779				24 134262		980.7	235.922	2400	2364	2396		16T06:50: 39		
2997	change	3/548828	71508789	6.9289746 28448486		0.0				280.36453 24707031		29.978796 00524902 3						08496093 8	8.0123004 91333008	980.7	235.922	2400	2364	2396		16T06:05: 49		20220516-08
2996	change	10000072	23828125	6.0165553 09295654		0.0				244.93945 3125		26.176961 89880371						40.000455		979.7	233.615	2400	2371	2402	2022-05- 16T04:31: 41 2022-05-	16T05:18: 48		20220516-07
2995	change	65917968 8	50549316 4	5.1344738 0065918	0.0	0.0	60478210 4	59960937 5	333.46426 39160156	208.98927 30712890 6	0.0	57897949 2	7.3822555 54199219	154.41267 39501953	336.13729 85839844	170.78306 57958984 4	0.0	30395507 8	5.9906935 6918335	961.5	229.014	2335	2297	2327		16T04:31: 41		20220516-06
2994	nw_sup_c hange																			975.3	235.61	2400	2362	2391		16T04:31: 14		

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2993	nw_inf_ch ange																			975.3	235.61	2400	2362	2391		2022-05- 16T04:31: 14		
2992	reeling_ex change	108.74663 54370117 2	23.230743 40820312 5	4.2735681 53381348	0.0	0.0	1.3728196 62094116 2	143.33255 00488281 2	277.79147 33886719	174.07026 67236328 0	1.0	18.657823 56262207						15.040157 31811523 4	5.0061330 79528809	975.3	235.61	2400	2362	2391		2022-05- 16T03:45: 45		20220516-05
2991	reeling_ex change	86.744560 24169922	18.531322 47924804 7	3.4096887 11166382	0.0	0.0	2	00040414	04111020	137.87030 02929687 0 5				102.11395 26367187 5				96740722	3.9678843 02139282 2	976.2	236.374	2400	2368	2394		2022-05- 16T02:58: 35		20220516-04
2990	reeling_ex change	63.849903 10668945	13.625226 97448730 5	2.5085358 61968994	0.0	0.0	0.8063673 37703704 8	83.958625 79345703	162.77615 35644531 2	101.98990 63110351 0 6	0.0	10.947410 58349609 4	3.6031296 25320434 6	75.697692 87109375	164.73271 17919922	83.734725 95214844	0.0	8.8686323 16589355	2.9577541 35131836	964.0	226.719	2350	2316	2349		2022-05- 16T02:11: 26		20220516-03
2989	nw_sup_c hange																			974.5	234.265	2400	2368	2399		2022-05- 16T02:11: 01		
2988	nw_inf_ch ange																			974.5	234.265	2400	2368	2399	16T02:11: 01	2022-05- 16T02:11: 01		
2987	oriarigo	6	0,000.0	1.6348257 06481933 6		0.0				66.486793 5180664		7.1605615 61584473	00022704	6	6	4		5.7923564 91088867	7		234.265	2400	2368	2399	16T00:38: 03	2022-05- 16T01:25: 13		20220516-02
2986	reeling_ex change	18.513597 48840332	3.9623618 12591552 7	0.7282162 90473938	0.0	0.0	0.2367845 17765045 17	24.819597 24426269 5	48.120944 97680664	30.157321 92993164 0	0.0	3.2639842 03338623						2.6288557 05261230 5			233.161	2400	2371	2403	15T23:50: 55	2022-05- 16T00:38: 03		20220516-01
2985	reeling_ex change	669.93457 03125	146.03233 33740234 4	26.138284 68322754	0.0	0.0	8.4810104 37011719	1090.1734 61914062 5	1726.0098 87695312 5	847.30426 02539062 0	0.0	114.33222 19848632 8	37.884136 19995117	961.87249 75585938	1691.9168 70117187 5	691.69818 11523438	0.0	91.270774 8413086	30.212697 98278808 6	926.9	212.266	2178	2147	2179	15T23:08: 12	2022-05- 15T23:50: 55		20220515-32
2984	nw_sup_c hange																			261.6	9.77531	124	122	124	15T23:50: 31	2022-05- 15T23:50: 31		
2983	nw_inf_ch ange			05 004500				4000 0044	1070 5070			440.74504							20 240707	261.6	9.77531	124	122	124	15T23:50: 31	2022-05- 15T23:50: 31		
2982	reeling_ex change	649.29687 5	141.61479 18701172	116333300 8	0.0	0.0				813.81896 97265625 0		6	13208008	937.25689 69726562	10/908/5	3040875	0.0	88.453376 77001953			9.77531	124	122	124	15T23:05: 39	2022-05- 15T23:08: 12 2022-05-		20220515-31
2981	change	43164062	93310547	6328125	0.0	0.0	8.2088832 85522461							935.54571 53320312			0.0		30017070		232.299	2400	2368	2400	15T22:18: 29	2022-05- 15T23:05: 39 2022-05-		20220515-30
2980				24.382970 80993652 3		0.0				774.88696 2890625 0	0.0	106.64673 61450195 3							30024414		233.047	2400	2371	2403	15T21:31: 21	15T22:18: 29 2022-05-		20220515-29
2979	reeling_ex change	602.17498 77929688	98193359 4	23.483226 77612304 7	0.0	0.0	7.6277847 29003906	1000.5227 05078125	33789062 5	738.34069 82421875	0.0	102.71830 74951171 9	34.044170 37963867	880.25946 04492188	96289062 5	601.53070 06835938	0.0	81.777740 47851562	87817382 8	953.4	225.405	2304	2279	2302	15T20:46: 02	15T21:31: 21 2022-05-		20220515-28
2978	nw_sup_c hange																			974.4	232.779	2400	2369	2399	15T21:30: 57	15T21:30: 57 2022-05-		
2977	nw_inf_ch ange		126 90541						1496 6436						1464 9144				26 043073	974.4	232.779	2400	2369	2399	15T21:30: 57	15T21:30: 57 2022-05-		
2976	reeling_ex change	580.40704 34570312	07666015 6	20004004	0.0	0.0				703.59387 20703125				853.63067 62695312				31740047	5		232.779	2400	2369	2399	15T19:58: 52	15T20:46: 02 2022-05-		20220515-27
2975				36730957		0.0				667.30963 13476562				826.55755 61523438	5			75.507980 34667969	5		231.123	2400	2372	2405	15T19:11: 43	15T19:58: 52 2022-05-		20220515-26
2974		534.80352 78320312	32348632 8	20.844448 08959961	0.0	0.0	6.7787213 32550049	912.33990 47851562	1381.0136 71875	631.10791 015625 0	0.0	91.253906 25	65441894 5	799.53442 3828125	1348.5681 15234375	512.26190 18554688	0.0	72.346015 93017578	51672363	954.2	226.023	2334	2304	2327	15T18:25: 50	15T19:11: 43 2022-05-		20220515-25
2973	nw_sup_c hange																			969.6	231.505	2400	2369	2395	15T19:11: 20	15T19:11: 20 2022-05-		
2972	nw_inf_ch ange		112.45560						1325.0865				29.021657			483.04864			22.948684	969.6	231.505	2400	2369	2395	15T19:11: 20	15T19:11:		
2971				19.954046 24938965		0.0				596.01031 49414062 0		87.497825 6225586						69.245697 02148438			231.505	2400	2369	2395	15T17:38: 39	15T18:25: 50 2022-05-		20220515-24
2970	reeling_ex change	489.46963 50097656	56762695 3	19.055067 06237793	0.0	0.0	6.2107725 14343262	854.31854 24804688	70117187	560.42840 57617188	0.0	83.729919 43359375	27.765834 80834961	746.92028 80859375	81445312 5	454.06359 86328125	0.0	66.195564 27001953	21.919935 22644043	971.4	232.681	2400	2371	2400		15T17:38: 39		20220515-23

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
2969		467.36410 52246094	102.89486 69433593 8	18.192571 64001465	0	0.0	5.9266262 05444336	825.44921 875	1212.3215 33203125	525.24987 79296875	0.0	80.019874 5727539	26.537321 09069824 2	720.44482 421875	1177.2930 90820312 5	424.81948 85253906	0.0	63.096115 11230469	20.917236 328125	945.0	222.994	2294	2259	2284		2022-05- 15T16:51: 31		20220515-22
2968	nw_sup_c hange																			968.3	231.887	2400	2364	2388	2022-05- 15T16:51: 08	2022-05- 15T16:51: 08		
2967	nw_inf_ch ange																			968.3	231.887	2400	2364	2388	2022-05- 15T16:51: 08	2022-05- 15T16:51: 08		
2966	reeling_ex change	444.80441 28417969	98.114234 9243164	17.289800 6439209 0.	0	0.0	5.6431374 54986572	797.78594 97070312	1158.5589 59960937 5	491.54159 54589844	0.0	76.432052 61230469	25.341112 13684082	695.15411 37695312	1122.2546 38671875	396.85195 92285156	0.0	60.126815 79589844		968.3	231.887	2400	2364	2388	2022-05- 15T15:19: 22	2022-05- 15T16:06: 28		20220515-21
2965	reeling_ex change	421.84545 8984375	93.222511 2915039	16.395656 58569336 0.	0	0.0		760 03686	1102.6986	456.47552 49023437 5		72.674102 78320312	24.094579 69665527 3	668.33758 54492188	1064.9807 12890625	367.22970 58105469	0.0	94311523	18.902132 03430175 8	970.5	232.949	2400	2365	2393	2022-05- 15T14:32: 16	2022-05- 15T15:19: 22		20220515-20
2964	reeling_ex change	398.93939 20898437 5	88.394500 73242188	15.506227 49328613 0. 3	0	0.0	5.0631885 52856445	739.93524 16992188	1046.1459 9609375	420.97009 27734375	0.0	68.909706 11572266	22.847633 36181640 6	641.29260 25390625	1008.1709 59472656 2	337.32174 68261719	0.0	53.842220 30639648 4		933.9	220.465	2261	2223	2254		2022-05- 15T14:32: 16		20220515-19
2963	nw_sup_c hange																			968.9	233.883	2400	2359	2392		2022-05- 15T14:31: 55		
2962	nw_inf_ch ange																			968.9	233.883	2400	2359	2392	2022-05- 15T14:31: 55	2022-05- 15T14:31: 55		
2961	reeling_ex change	377.35830 68847656	83.833000 18310547	14.663381 57653808 0. 6	0	0.0	4.7913661 00311279	712.21118 1640625	992.23254 39453125	387.11895 75195312 5	0.0	65.272628 78417969	21.655466 07971191 4	616.09625 24414062	955.09387 20703125	309.46505 73730469	0.0	50.946216 58325195		968.9	233.883	2400	2359	2392	2022-05- 15T13:00: 46	2022-05- 15T13:47: 53		20220515-18
2960	reeling_ex change	354.03964 23339844	78.904060 36376953	13.746625 90026855 0. 5	0	0.0	4.5018386 84082031	683.13098 14453125	935.67529 296875	351.60894 77539062 5	0.0	61.442783 35571289	20.415058 13598632 8	588.93261 71875	897.63146 97265625	279.44134 52148437 5	0.0	47.783164 97802734 4	15.819664 95513916	969.5	232.227	2400	2363	2397	2022-05- 15T12:13: 47	2022-05- 15T13:00: 46		20220515-17
2959	reeling_ex change	331.08084 10644531	74.021247 86376953	12.873175 62103271 0. 5	0	0.0	4.2118949 89013672	654.11456 29882812	879.18646 24023438	316.18380 73730469	0.0	57.667896 27075195						44.684001 92260742	14.816544 53277587 9	273.3	11.839	146	144	146		2022-05- 15T12:13: 47		20220515-16
2958	reeling_ex change	330.27127 07519531	73.853065 49072266	12.841907 50122070 0. 3	0	0.0	4.2031211 85302734	652.46032 71484375	875.98089 59960938	314.17550 65917969	0.0	57.476230 62133789	19.091039 65759277 3	560.67242 43164062	837.79119 87304688	248.22065 73486328	0.0	44.482109 06982422	14.730344 77233886 7	941.0	221.631	2300	2262	2295	2022-05- 15T11:25: 40	2022-05- 15T12:10: 50		20220515-15
2957	nw_sup_c hange																			938.3	219.739	2119	2083	2114		2022-05- 15T11:32: 30		
2956	nw_inf_ch ange																			937.4	219.447	2119	2083	2114		2022-05- 15T11:32: 30		
2955	reeling_ex change	308.19964 59960937 5	69.194213 8671875	11.981657 98187255 0. 9	0	0.0	3.9216549 39651489 3	624.17333 984375		279.73223 87695312 5	0.0		6	66210938	30664062	64794922	0.0	41.449287 41455078	13.721729 27856445 3	907.4	203.772	2119	2083	2114		2022-05- 15T11:25: 40		20220515-14
2954				11.205487 25128173 0. 8	0	0.0	3.6743798 25592041	597.97180 17578125	769.88763 42773438	247.81677 24609375	0.0	50.373390 19775390 6	8	5	7370123	21000200		38.678836 82250976 6		966.1	232.299	2400	2362	2396	04	15T10:44: 04		20220515-13
2953	change	05859375	64550781	4		0.0	953125	01132012	28125	211.46617 12646484 4				483.69274 90234375				5	97076416	436.4	37.9845	409	405	410	2022-05- 15T08:50	2022-05- 15T09:57: 04		20220515-12
2952	nw_sup_c hange	250.45664 97802734 4	56.872337 34130859 4	9.7460575 10375977 0.	0	0.0	3.2018170 35675049	552.33428 95507812	681.95642 08984375	193.36749 26757812 5	0.0	44.505798 33984375	14.804195 40405273 4	469.59967 04101562 5	645.43975 83007812	148.78970 33691406 2	0.0	33.893241 88232422	11.236923 21777343 8	191.5	1.5313	2119	2115	2116		2022-05- 15T08:50: 51		
2951	nw_sup_c hange																			191.5	1.5313	2119	2115	2116	2022-05- 15T08:50: 51	15T08:50:		
2950	nw_inf_ch ange																			187.8	1.33988	2431	2420	2420		2022-05- 15T08:50: 51		
2949	reeling_ex change	230.73521 42333984 4	52.413974 76196289	8.9535741 80603027 0.	0	0.0	2.9484012 12692260 7	508.61282 34863281	627.98150 63476562	178.08407 59277343 8	0.0	41.001457 21435547	13.627978 32489013 7	432.02737 42675781	594.02227 78320312	136.90814 20898437 5	0.0	32983398	10.315524 10125732 4	969.2	228.967	2431	2420	2420		2022-05- 15T08:08: 23		20220515-11
2948	nw_sup_c hange																			966.1	226.335	2401	2389	2389	59	15T08:07: 59		
2947	nw_inf_ch ange																			965.6	225.838	2401	2389	2389	59	15T08:07: 59		
2946	reeling_ex change	207.47912 59765625	47.153629 30297851 6	8.0241346 35925293 0.	0	0.0	2.6506526 47018432 6	459.23937 98828125	567.04577 63671875	160.79365 53955078	0.0	37.048305 51147461	12.304434 77630615 2	389.50564 57519531	535.51251 22070312	123.43601 22680664	0.0	28.143688 20190429 7	9.3310680 3894043	966.1	226.39	2401	2389	2389		2022-05- 15T07:20: 39		20220515-10

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2945	criarige	2	6	00042723		0.0	3311/0/0	90130719	339373	143.61734 00878906 2).0	33.035923 00415039	10.976729 39300537 1	347.94955 44433594	478.43414 30664062 5	110.28243 25561523 4	0.0	25.166288 37585449 2	8.3099327 08740234	963.7	224.626	2401	2397	2395	2022-05- 15T05:46: 24	2022-05- 15T06:33: 31		20220515-09
2944	reeling_ex change	162.63751 22070312 5	36.960174 56054687 5	6.3257241 24908447	0.0	0.0	2.0778961 18164062 5	360.91571 04492187 5	445.63723 75488281	126.41742 70629882 8	0.0	29.071756 36291504	9.6745185 85205078	306.09442 13867187 5	420.86444 09179687 5	97.015869 140625	0.0	22.125009 53674316 4	7.3097701 07269287	975.2	226.54	2423	2407	2402	2022-05- 15T04:58: 49	2022-05- 15T05:46: 24		20220515-08
2943	nw_sup_c hange																			968.7	225.1	2401	2385	2380	2022-05- 15T05:45: 59	2022-05- 15T05:45: 59		
2942	nw_inf_ch ange																			967.8	224.816	2401	2385	2380	2022-05- 15T05:45: 59	2022-05- 15T05:45: 59		
2941				5.4452409 74426269 5		0.0				108.88416 29028320 3	0.0	02308104	10309029	49609375	362.87783 81347656	05419922	0.0	3	29997229		228.924	2401	2385	2380	42	15T04:58: 49		20220515-07
2940				4.5644803 04718018		0.0	1	97558594	60546875	946///34	0.0	21.128595 35217285					0.0	30010104	5.2954516 41082764		224.288	2401	2394	2390	35	15T04:11: 42		20220515-06
2939	reeling_ex change	96.929794 31152344	22.086366 65344238 3	3.7441024 78027343 8	0.0	0.0	1.2408562 89863586 4	213.40124 51171875	263.50790 40527344	74.766059 87548828	0.0	17.220041 27502441 4	5.6959705 3527832	180.78804 01611328	248.69752 50244140 6	57.353843 68896484 4	0.0	13.079351 42517089 8	4.3321366 31011963	978.0	231.13	2445	2431	2428	35	15T03:24: 35		20220515-05
2938	nw_sup_c hange																			972.7	229.312	2401	2389	2384	07	15T03:24: 07		
2937	nw_inf_ch ange						0.0475400	400 40544				42 225267			400 54054			40.000400		971.4	228.833	2401	2389	2384	07	15T03:24: 07		
2936	change	89501953	02709961	2.8444776 53503418		0.0	0.0505704	440.05440	440.74000	57.285270 69091797	0.0				190.54954 52880859 4		0.0		3.3030724 52545166		228.471	2401	2389	2384	2022-05- 15T01:49: 26 2022-05-	15T02:36: 35		20220515-04
2935	reeling_ex change					0.0	3	2	8	39.935878 75366211		9.1914196 0144043					0.0	30002733			225.08	2401	2394	2386	2022-05- 15T01:02: 21 2022-05-	15T01:49: 26		20220515-03
2934	reeling_ex change	29.336215 97290039	6.6921095 8480835	1.1182435 75096130 4	0.0	0.0	09899139 4	65.605995 17822266	80.998649 59716797	23.010177 61230468 8	0.0	5.3191003 79943848	01554870 6	55.517116 54663086	76.399101 25732422	17.621250 15258789	0.0	4.0056729 31671143	1.3162604 57038879 4	918.0	203.846	2202	2190	2191		15T01:02: 21		20220515-02
2933	nw_sup_c hange																			915.4	201.719	2150	2137	2139		15T01:02: 02		
2932	nw_inf_ch ange	0.7100100	2.2406206	0.3672055			0.1288219	00 70 4000	05 50 40 50	7.0705740		1.6862164	0.5565634	17.636077	0.4.000000	5 0004050		1.2910170	0.4210694	915.0	201.438	2150	2137	2139		15T01:02: 02		
2931			5	0.3672055 30405044 56 20.084110		0.0	2	98413086	12210191			7	6	5	24.299966 81213379	00 101 0 10		55511474 6	13423538 2		197.0	2150	2137	2139		15T00:19: 05		20220515-01
2930	change	22200020	00357422	20.084110 26000976 6 19.885454		0.0				629.78295 8984375		45800781	29638672	3984375	1639.8212 890625	59863281			29.958276 74865722 7 29.761262		30.5586	363	361	361		14T23:37: 01		20220514-57
2929	criarige	00000010	32230320	3		0.0		-		626.38873 29101562					1629.1657 71484375 1625.7467		0.0		29.761262 89367675 8		9.44842	125	124	125		14T23:23: 11		20220514-56
2928	change	10020	8	19.843576 43127441 4 19.007966		0.0				625.52490 234375					1625.7467 04101562 5		0.0	30203123			221.955	2401	2392	2391	14T22:33: 29 2022-05-	14T23:20: 35 2022-05-		20220514-55
2927	change	875	99072265 6	19.007966 99523925 8	0.0	0.0	70056152	07421875	11914062 5	608.53717 04101562	0.0	85107422	32739258	09570312 5	1569.0952 1484375	54296875	0.0	0102539	28.737852 09655761 7				2324	2329	32 2022-05-			20220514-54
2926	nw_sup_c hange nw_inf_ch																			942.3	212.359		2304	2309	04 2022-05-			
2925	ange	612.73028	157,27033	18.144012			7.9627938	1348.1209	1569.7094	591.88110		85.164314	36.089279	1161.9677	1513.3693	461.68099		65,263351	27.748260	942.3	212.174		2304	2309	04 2022-05-	2022-05-		
2924				18.144012 45117187 5 17.358427		0.0				591.88110 3515625		27001953	17480469	734375	84/65625	97558594			27.748260 49804687 5		214.133		2304	2309	58 2022-05-	2022-05-		20220514-53
2923				17.358427 04772949 2 16.574344		0.0				575.70880 12695312		81.491104 12597656 77.736885						59.630924	26.827156 06689453 25.865619		212.174		2313	2309	29 2022-05-	14T21:01: 58 2022-05-		20220514-52
2922	reeling_ex change	8828125	24560547	63500976 6	0.0	0.0	08843994	3515625	6796875	38867188	0.0	77.736885 07080078	01220703	65039062 5	15625	4296875	0.0	22485351 6	65942382 8	1200.0	24.7369	295	280	280	14T20:10: 56	14T20:16: 29		20220514-51

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2921		566.47277 83203125		16.459707 26013183 6	0.0	0.0	7.3730072 97515869	1250.1778 56445312 5	1448.7293 70117187 5	557.53082 27539062	0.0	77.275947 57080078	33.444278 71704101 6	1078.1960 44921875	1397.5401 61132812 5	435.12890 625	0.0	59.223892 21191406	25.744819 64111328	965.2	221.919	2420	2406	2408	2022-05- 14T19:23: 26	2022-05- 14T20:10: 56		20220514-50
2920	nw_sup_c hange																			959.9	221.873	2401	2387	2389	2022-05- 14T20:10: 34	2022-05- 14T20:10: 34		
2919	nw_inf_ch ange																			959.0	221.593	2401	2387	2389	2022-05- 14T20:10: 34	2022-05- 14T20:10: 34		
2918	reeling_ex change	543.78253 17382812	141.63473 51074218 8	15.577033 99658203 1	0.0	0.0	7.0918450 35552978 5	1202.3970 94726562 5	1389.7147 21679687 5	540.75939 94140625	0.0	73.394393 92089844	32.189109 80224609 4	1036.8560 79101562 5	1340.2620 84960937 5	422.00677 49023437 5	0.0	56.303581 23779297	24.773069 38171386 7	960.5	225.344	2401	2387	2389	2022-05- 14T18:36: 18	2022-05- 14T19:23: 26		20220514-49
2917	reeling_ex change	521.26818 84765625	136.50947 57080078	14.683587 07427978 5	0.0	0.0	6.8041038 51318359	1153.4414 0625	1329.2696 53320312 5	523.57940 67382812	0.0	69.437324 52392578	30.869779 58679199 2	995.20727 5390625	1282.6097 41210937 5	408.80325 31738281	0.0	53.244434 35668945	23.765394 21081543	955.1	228.471	2401	2390	2395	2022-05- 14T17:49: 10	2022-05- 14T18:36: 18		20220514-48
2916				13.809303 28369140 6		0.0				506.39511 10839844		65.489730 83496094	29.547521 59118652 3	953.42987 06054688	1224.6689 453125	395.55947 87597656	0.0	50.241069 79370117	22.757583 61816406 2	963.4	229.462	2421	2405	2409	2022-05- 14T17:01: 39	2022-05- 14T17:49: 10		20220514-47
2915	nw_inf_ch ange																			959.5	228.229	2401	2388	2389	2022-05- 14T17:48: 47	2022-05- 14T17:48: 47		
2914	nw_sup_c hange																			959.5	228.495	2401	2388	2389	2022-05- 14T17:48: 47	2022-05- 14T17:48: 47		
2913		475.21347 04589844		12.879360 19897461	0.0	0.0	6.2146663 66577148	1055.0163 57421875	1207.6387 93945312 5	489.02133 17871094	0.0	61.503112 79296875	28.243696 21276855 5	911.17651 3671875	1166.0267 33398437 5	382.17587 28027344	0.0	47.164905 5480957	21.751205 44433593 8	961.3	235.823	2401	2388	2389	2022-05- 14T16:14: 30	2022-05- 14T17:01: 39		20220514-46
2912	reeling_ex change	451.86874 38964844	120.71720 12329101 6	11.970789 90936279 3	0.0	0.0		1004.0064	1144.6038			57.334983 82568359 4						44.101821 89941406	20.751394 27185058 6	957.7	235.624	2401	2391	2391	2022-05- 14T15:27: 24	2022-05- 14T16:14: 30		20220514-45
2911				11.040044 78454589 8		0.0				453.45220 94726562 5		53.296878 81469726 6	05 540455					41.040172 5769043	19.736816 40625	990.7	248.762	2544	2533	2535	2022-05- 14T14:37: 35	2022-05- 14T15:27: 24		20220514-44
2910	nw_sup_c hange																			984.6	247.377	451	452	454	2022-05- 14T15:27	2022-05- 14T15:27		
2909	nw_inf_ch ange																			983.3	246.507	451	452	454	2022-05- 14T15:27	2022-05- 14T15:27		
2908	reeling_ex change	403.03637 6953125	109.51295 47119140 6	10.058834 07592773 4	0.0	0.0	5.2907271 38519287	899.88433 83789062	1016.0150 14648437 5	434.55847 16796875	0.0	48.973049 16381836	24.094261 16943359 4	780.71759 03320312	985.06665 0390625	340.81866 45507812 5	0.0		18.653850 55541992 2	429.4	42.5489	451	452	454		2022-05- 14T14:37: 35		20220514-43
2907	state_wor king	393.14297 48535156	107.23726 65405273 4	9.6788301 4678955	0.0	0.0	5.1604924 20196533	877.36608 88671875	988.33630 37109375	426.50228 88183594	0.0	47.144020 08056640 6	23.483192 44384765 6	761.61834 71679688	958.68597 41210938	334.62393 18847656	0.0	36.372077 94189453		158.6	4.3711	2120	2114	2116	2022-05- 14T13:35: 04	2022-05- 14T13:35: 04		
2906	state_start	393.14297 48535156	107.23726 65405273 4	9.6788301 4678955	0.0	0.0	5.1604924 20196533	877.36608 88671875	988.33630 37109375	426.50228 88183594	0.0	47.144020 08056640 6						36.372077 94189453	18.190650 93994140 6	122.6	1.49015	2120	2114	2116	2022-05- 14T13:35: 04	2022-05- 14T13:35: 04		
2905	state_stop	393.14297 48535156	107.23726 65405273 4	9.6788301 4678955	0.0	0.0	5.1604924 20196533	877.36608 88671875	988.33630 37109375	426.50228 88183594	0.0	47.144020 08056640 6						36.372077 94189453	18.190650 93994140 6	117.7	1.38454	2120	2114	2116	2022-05- 14T13:35: 04	2022-05- 14T13:35: 04		
2904	state_start	393.14297 48535156	107.23726 65405273 4	9.6788301 4678955	0.0	0.0	5.1604924 20196533	877.36608 88671875	988.33630 37109375	426.50228 88183594	0.0	47.144020 08056640 6						36.372077 94189453	18.190650 93994140 6	117.7	1.18568	2120	2114	2116	2022-05- 14T13:35: 04	2022-05- 14T13:35: 04		
2903	reeling_ex change	393.14297 48535156	107.23726 65405273 4	9.6788301 4678955	0.0	0.0			988.33630 37109375		0.0	47.144020 08056640 6						36.372077 94189453		920.2	206.593	2120	2114	2116	2022-05- 14T12:52: 22	2022-05- 14T13:33: 59		20220514-42
2902	reeling_ex change	372.40307 6171875	101.58338 92822265 6	9.1760826 11083984	0.0	0.0	4.8884105 68237305	832.52551 26953125	937.83544 921875	404.68621 82617187 5	0.0	44.728759 765625						34.501674 65209961	17.274715 42358398 4	922.4	209.382	2119	2115	2116	2022-05- 14T12:10: 48	2022-05- 14T12:52: 22		20220514-41
2901	reeling_ex change	351.92691 04003906	96.004035 94970703	8.6745653 15246582	0.0	0.0	4.6152343 75	787.84777 83203125	887.53625 48828125	382.96722 41210937 5	0.0	42.302574 15771484 4	21.089988 70849609 4	683.80682 37304688	860.32983 3984375	300.46459 9609375	0.0		16.343807 22045898 4	955.5	221.13	2265	2255	2255	2022-05- 14T11:26: 26	2022-05- 14T12:10: 48		20220514-40
2900	nw_sup_c hange																			952.4	221.482	150	148	148	2022-05-	2022-05- 14T12:10: 25		
2899	nw_inf_ch ange																			951.1	219.251	150	148	148	2022-05-	2022-05- 14T12:10: 25		
2898	reeling_ex change	330.54217 52929687 5	90.192375 18310547	8.1484384 53674316	0.0	0.0	4.3380684 8526001	739.84191 89453125	833.46917 72460938	359.64630 12695312 5	0.0	39.807228 08837890 6	19.810401 91650390 6	642.65277 09960938	808.26263 42773438	282.39266 96777344	0.0	30.683158 87451172	15.365903 85437011 7	275.1	12.615	150	148	148	2022-05-	2022-05- 14T11:26: 26		20220514-39
2897				8.1166124 34387207		0.0	4.3289985	736.77484	830.02062 98828125	358.13854	0.0	20.610504					0.0	30.544521 33178711	15.282447 81494140 6	986.4	236.568	2400	2388	2388	2022-05- 14T10:36: 16	2022-05- 14T11:23: 23		20220514-38

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2896	reeling_ex change	306.92797 8515625	83.748077 39257812	7.5643606 18591309	0.0	0.0	4.0311808 58612060 5	685.59600 83007812	772.39843 75	333.25244 140625	0.0	36.863201 14135742	18.363178 25317382 8	596.21783 44726562	749.52386 47460938	261.98788 45214844	0.0		14.258682 25097656 2	989.9	235.544	2400	2391	2391	2022-05- 14T09:49: 11	2022-05- 14T10:36: 16		20220514-37
2895	reeling_ex change	284.03585 81542969	77.510643 0053711	6.9963130 95092773	0.0	0.0	3.7273154 25872802 7	634.75109 86328125	715.13885 49804688	308.54254 15039062 5	0.0	34.125705 71899414	17.015808 10546875	551.69006 34765625	693.42364 50195312	242.45959 47265625	0.0	26.309814 453125	13.180830 95550537 1	993.8	235.92	2425	2414	2414	2022-05- 14T09:01: 33	2022-05- 14T09:49: 11		20220514-36
2894	nw_sup_c hange																			991.2	234.64	2245	2233	2233	2022-05- 14T09:48: 50	2022-05- 14T09:48: 50		
2893	nw_inf_ch ange																			990.3	235.779	2245	2233	2233	2022-05- 14T09:48: 50	2022-05- 14T09:48: 50		
2892				6.4477543 83087158		0.0	3	23046875	25976562			31.324474 33471679 7						24.232273 10180664	12.128572 46398925 8	959.9	220.132	2245	2233	2233	2022-05- 14T08:17: 37	2022-05- 14T09:01: 33		20220514-35
2891	criarige	5	25500012	5.9341664 31427002		0.0				260.43817 13867187 5		7	8	95800781		77783203		22.225734 71069336	1		14.2946	168	166	166	2022-05- 14T08:14: 13	2022-05- 14T08:17: 37		20220514-34
2890				5.9026980 40008545		0.0	6	02539062	72851562	258.61715 69824219		28.585365 29541015 6						22.087360 38208007 8	11.071408 27178955	991.7	233.527	2400	2394	2394		2022-05- 14T08:14: 13		20220514-33
2889	reeling_ex change	215.99850 46386718 8	58.978855 13305664	5.3333010 67352295	0.0	0.0	2.8351790 90499878	481.45480 34667969	542.48736 57226562	233.99003 60107422	0.0	25.843250 27465820 3	12.910772 32360839 8	418.97662 35351562 5	526.15570 06835938	184.16569 51904297	0.0		10.006462 09716796 9	969.2	220.309	2292	2284	2285	2022-05- 14T06:42: 06	2022-05- 14T07:27: 08		20220514-32
2888	nw_sup_c hange																			965.6	219.95	2350	2343	2342	42	14T07:26: 42		
2887	nw_inf_ch ange																			964.8	219.656	2350	2343	2342	42	14T07:26: 42		
2886	change	98486328	0/519531	4.8000044 82269287		0.0				93798828		23.238241 19567871	11.601458 54949951 2	377.22857 66601562 5	473.49319 45800781	165.81672 66845703	0.0	6	9.0195589 06555176	984.1	228.064	2350	2343	2342	59	14T06:42: 06		20220514-31
2885	reeling_ex change	172.33702 08740234 4	47.058952 33154297	4.2502069 4732666	0.0	0.0				186.64106 75048828		20.643697 73864746						76220703 1	7.9955315 58990478 5		228.697	2350	2345	2346	57	14T05:55: 59		20220514-30
2884	reeling_ex change					0.0				162.58132 93457031 2		17.989881 51550293						5	27050781		19.0344	219	219	219	36	14T05:09: 57		20220514-29
2883	reeling_ex change	147.45416 25976562 5	40.274562 83569336	3.6350643 63479614 3	0.0	0.0	1.9348150 49171447 8	329.50607 29980469	371.28042 60253906	160.15785 21728515 6	0.0	17.730611 80114746	8.8176012 03918457	286.66177 36816406	359.47616 57714844	126.02384 18579101 6	0.0	13.668049 81231689 5	6.8470115 66162109	995.2	236.063	2417	2411	2410	07	14T05:05: 36		20220514-28
2882	nw_sup_c hange																			992.1	234.58	2400	2393	2392	37	14T04:26: 37		
2881	nw_inf_ch ange																			990.7	233.888	2400	2393	2392	37	14T04:26: 37		
2880	reeling_ex change	4	24804687 5	78347778 3	0.0	0.0	7	64746094		5		15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0	7	5.7876257 89642334	625.9	92.2531	2400	2393	2392	37	14T04:26: 37		20220514-27
2879	reeling_ex change	02124023 4	24804687 5	3.0796539 78347778 3	0.0	0.0				135.39874 26757812 5	0.0	15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0	11.525720 59631347 7	89642334	595.0	82.9286	2400	2393	2392	37	14T04:26: 37		20220514-26
2878	reeling_ex change	02124023 4	24804687 5	3.0796539 78347778 3	0.0	0.0	7	64746094	2421073	5		15.007548 33221435 5						7	89642334		82.9286	2400	2393	2392	37	14T04:26: 37		20220514-25
2877	reeling_ex change	02124023 4	24804687 5	3.0796539 78347778 3	0.0	0.0				135.39874 26757812 5		5		2	303.84808 34960937 5	1		/	5.7876257 89642334		82.9286	2400	2393	2392	37	14T04:26: 37		20220514-24
2876		02124023 4	24804687 5	3.0796539 78347778 3	0.0	0.0	7	04740094	2421073			5	70704000	2	303.84808 34960937 5	1		7	5.7876257 89642334	594.6	82.8294	2400	2393	2392	37	14T04:26: 37		20220514-23
2875	_	02124023 4	24804687 5		0.0	0.0				135.39874 26757812 5		15.007548 33221435 5						7	89642334	587.5	80.6164	2400	2393	2392	37	14T04:26: 37		20220514-22
2874	reeling_ex	4	24804687 5	78347778 3	0.0	0.0				135.39874 26757812 5		15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0	7	89642334	587.5	80.6164	2400	2393	2392	37	14T04:26: 37		20220514-21
2873	reeling_ex change	02124023	24804687	3.0796539 78347778 3	0.0	0.0	1.6455317 73567199 7	278.57113 64746094	313.90698 2421875	135.39874 26757812 5	0.0	15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0	11.525720 59631347 7	5.7876257 89642334	587.5	80.6164	2400	2393	2392	2022-05- 14T04:26: 37	2022-05- 14T04:26: 37		20220514-20

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2872	reeling_ex change			3.0796539 78347778 3	0.0	0.0	7	04740094	2421073	135.39874 26757812 5		15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0	11.525720 59631347 7	5.7876257 89642334	484.0	52.1093	2400	2393	2392	2022-05- 14T04:26: 37	2022-05- 14T04:26: 37		20220514-19
2871	reeling_ex change	02124023	24804687	3.0796539 78347778 3	0.0	0.0	1.6455317 73567199 7	278.57113 64746094	313.90698 2421875	135.39874 26757812 5	0.0	15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0	7	09042334	425.9	38.9299	2400	2393	2392	2022-05- 14T04:26: 37	2022-05- 14T04:26: 37		20220514-18
2870	reeling_ex change	125.13253 02124023 4	24804687	3.0796539 78347778 3	0.0	0.0	1.6455317 73567199 7	278.57113 64746094	313.90698 2421875	135.39874 26757812 5	0.0	15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0		5.7876257 89642334	425.9	38.9299	2400	2393	2392	2022-05- 14T04:26: 37	2022-05- 14T04:26: 37		20220514-17
2869	reeling_ex change	02124023	24804687	3.0796539 78347778 3	0.0	0.0	1.6455317 73567199 7	278.57113 64746094	313.90698 2421875	135.39874 26757812 5	0.0	15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0	7	5.7876257 89642334		38.9299	2400	2393	2392	2022-05- 14T04:26: 37	2022-05- 14T04:26: 37		20220514-16
2868	reeling_ex change	02124023	34.166229 24804687 5	3.0796539 78347778 3	0.0	0.0	1.6455317 73567199 7	278.57113 64746094	313.90698 2421875	135.39874 26757812 5	0.0	15.007548 33221435 5	7.4653949 73754883	242.50088 50097656 2	303.84808 34960937 5	106.60078 43017578 1	0.0	7	03042334		232.981	2400	2393	2392		2022-05- 14T04:18: 07		20220514-15
2867	reeling_ex change	102.53662 109375	28.020112 99133300 8	2.5343210 69717407 2	0.0	0.0	1.3466739 65454101 6	227.64204 40673828	256.52316 28417969	110.63587 95166015 6	0.0	12.221798 89678955	6.1010975 83770752	198.57545 47119140 6	248.58670 04394531 2	87.302490 234375	0.0	9.4583044 05212402	4.7643618 5836792	680.6	109.794	2400	2399	2400	2022-05- 14T03:51: 14	2022-05- 14T03:51: 14		20220514-14
2866	reeling_ex change	102.53662 109375	28.020112 99133300 8	2.5343210 69717407 2	0.0	0.0	1.3466739 65454101 6	227.64204 40673828	256.52316 28417969	110.63587 95166015 6	0.0	12.221798 89678955	6.1010975 83770752	198.57545 47119140 6	248.58670 04394531 2	87.302490 234375	0.0	9.4583044 05212402	4.7643618 5836792	652.3	101.442	2400	2399	2400	2022-05- 14T03:51: 14	2022-05- 14T03:51: 14		20220514-13
2865	reeling_ex change	102.53662 109375	28.020112 99133300 8	2.5343210 69717407 2	0.0	0.0	1.3466739 65454101 6	227.64204 40673828	256.52316 28417969	110.63587 95166015 6	0.0	12.221798 89678955	6.1010975 83770752	198.57545 47119140 6	248.58670 04394531 2	87.302490 234375	0.0	9.4583044 05212402	4.7643618 5836792	652.3	101.442	2400	2399	2400	2022-05- 14T03:51: 14	2022-05- 14T03:51: 14		20220514-12
2864	onango	103373	8	2.5343210 69717407 2		0.0	1.3466739 65454101 6	227.64204 40673828	256.52316 28417969	110.63587 95166015 6	0.0	12.221798 89678955	6.1010975 83770752	198.57545 47119140 6	248.58670 04394531 2	87.302490 234375	0.0	00212402			101.442	2400	2399	2400	2022-05- 14T03:51: 14	2022-05- 14T03:51: 14		20220514-11
2863	reeling_ex change	102.53662 109375		2.5343210 69717407 2	0.0	0.0	1.3466739 65454101 6	227.64204 40673828	256.52316 28417969	110.63587 95166015 6	0.0	12.221798 89678955	6.1010975 83770752	198.57545 47119140 6	248.58670 04394531 2	87.302490 234375	0.0	00212102			100.819	2400	2399	2400	2022-05- 14T03:51: 14	2022-05- 14T03:51: 14		20220514-10
2862	reeling_ex change	102.53662 109375	28.020112 99133300 8	2.5343210 69717407 2	0.0	0.0	1.3466739 65454101 6	227.64204 40673828	256.52316 28417969	110.63587 95166015 6	0.0	12.221798 89678955						00212402			98.146	2400	2399	2400	2022-05- 14T03:51: 14	2022-05- 14T03:51: 14		20220514-09
2861	onango	100010	8	2.5343210 69717407 2		0.0	1.3466739 65454101 6	227.64204 40673828	256.52316 28417969	110.63587 95166015 6	0.0	12.221798 89678955	6.1010975 83770752	198.57545 47119140 6	248.58670 04394531 2	87.302490 234375	0.0	00212402			98.146	2400	2399	2400	2022-05- 14T03:51: 14	2022-05- 14T03:51: 14		20220514-08
2860	reeling_ex change	102.53662 109375	28.020112 99133300 8	2.5343210 69717407 2	0.0	0.0	1.3466739 65454101 6	227.64204 40673828	256.52316 28417969	110.63587 95166015 6	0.0	12.221798 89678955	6.1010975 83770752	198.57545 47119140 6	248.58670 04394531 2	87.302490 234375	0.0	00212402			98.146	2400	2399	2400	2022-05- 14T03:51: 14	2022-05- 14T03:51: 14		20220514-07
2859		102.53662 109375	99133300	2.5343210 69717407 2	0.0	0.0	6	40070020	20417303									9.4583044 05212402	4.7643618 5836792	990.0	230.18	2400	2399	2400	2022-05- 14T02:43: 55	2022-05- 14T03:31: 01		20220514-06
2858	reeling_ex change	79.241195 67871094	21.653461 45629882 8	1.9538911 58103942 9	0.0	0.0	1.0381039 38102722 2	176.69215 39306640 6	199.13317 87109375	85.888236 99951172	0.0	9.5004720 68786621	4.7370800 97198486	154.39166 25976562 5	193.17529 296875	67.868736 26708984	0.0	7.3917961 12060547	3.6945831 77566528 3	957.7	218.937	2249	2239	2239	2022-05- 14T01:59: 45	2022-05- 14T02:43: 55		20220514-05
2857	nw_sup_c hange																			954.2	218.023	2250	2242	2240	2022-05- 14T02:43: 30	2022-05- 14T02:43: 30		
2856	nw_inf_ch ange																			953.3	217.783	2250	2242	2240		2022-05- 14T02:43: 30		
2855	reeling_ex change	58.021347 04589844	15.860851 28784179 7	1.4372020 95985412 6	0.0	0.0	4	5	25/32422	13230830	0.0	6.9652209 28192139	3.4900970 45898437 5	112.74921 41723632 8	141.13105 77392578	49.562110 90087890 6	0.0	5.3903789 52026367	2.6912333 96530151 4	956.4	217.462	2250	2242	2240	2022-05- 14T01:15: 31	2022-05- 14T01:59: 45		20220514-04
2854	reeling_ex change	06005859 4	41058349 6	0.9103589 05792236 3	0.0	0.0	9	02030719	30023047	39.821949 00512695		77204404	42147027	71.203376 77001953	01102012	3			1.6967881 91795349 1	1200.0	29.5327	335	319	319	2022-05- 14T01:09: 19	2022-05- 14T01:15: 31		20220514-03
2853	reeling_ex change	33.810108 18481445	9.2473678 58886719	0.8367723 82259368 9	0.0	0.0	0.4474682 80792236 33	74.976898 19335938	84.476341 2475586	36.451530 45654297	0.0	4.0329971 31347656						3.1121463 77563476 6	1.5589476 82380676 3	989.4	233.905	2400	2398	2395	2022-05- 14T00:22: 13	2022-05- 14T01:09: 19		20220514-02
2852	reeling_ex change	11.012179 37469482 4	3.0026381 01577759	0.2769632 93552398 7	0.0	0.0	0.1482124 17960166 93	24.635988 23547363 3	27.771858 21533203	11.983065 60516357 4	0.0		0.6735163 92707824 7	21.401199 34082031 2	26.812763 21411132 8	9.4137458 80126953	0.0		0.5161654 94918823 2	989.4	232.622	2416	2409	2407	2022-05- 13T23:34: 47	2022-05- 14T00:22: 13		20220514-01
2851	nw_sup_c hange																			985.9	231.819	2400	2398	2394		2022-05- 14T00:21: 42		
2850	nw_inf_ch ange																			984.1	230.394	2400	2398	2394	2022-05- 14T00:21: 42	2022-05- 14T00:21: 42		
2849	reeling_ex change	689.26043 70117188	188.28025 81787109 4	16.932609 55810547	0.0	0.0	9.0301160 81237793	1539.7860 10742187 5	1735.1683 34960937 5	748.80352 78320312	0.0	82.616775 51269531	41.197952 27050781	1334.5041 50390625	1675.0826 41601562 5	586.55206 29882812	0.0		31.942111 96899414	992.1	233.527	2400	2398	2394	2022-05- 13T22:47: 40	2022-05- 13T23:34: 47		20220513-32

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2848	reeling_ex change	666.90710 44921875	182.15444 94628906 2	16.379396 43859863 3	0.0	0.0				724.16796 875		79.872978 21044922	39.849491 11938476 6	1290.6174 31640625	1620.0451 66015625	567.25885 00976562	0.0	61.902107 23876953	30.871473 31237793	987.2	232.197	2400	2405	2405	2022-05- 13T22:00: 35	2022-05- 13T22:47: 40		20220513-31
2847	reeling_ex change	643.46124 26757812	175.74281 31103515 6	15.796574 59259033 2	0.0	0.0	8.4393768 31054688	1438.5943 60351562 5	1621.1046 14257812 5	699.61462 40234375	0.0	77.127006 53076172	38.488922 11914062 5	1246.1313 4765625	1564.1878 66210937 5	547.69995 1171875	0.0		29.804191 58935547	986.4	234.271	2401	2395	2394	2022-05- 13T21:13: 25	2022-05- 13T22:00: 35		20220513-30
2846	nw_sup_c hange																			983.3	231.09	2400	2399	2394		2022-05- 13T22:00: 14		
2845	nw_inf_ch ange																			982.8	230.894	2400	2399	2394	2022-05- 13T22:00: 14	13T22:00:		
2844	criarige	621.23864 74609375	4	2		0.0				674.92919 921875			953125	6328125	6/968/5	6796875		10449219	28.761522 29309082		232.603	2400	2399	2394	19	13T21:13: 25		20220513-29
2843		597.61798 09570312				0.0				650.34368 89648438		71.684432 98339844						00004402	27.712537 76550293	981.5	230.419	2400	2410	2403	14	13T20:26: 19		20220513-28
2842	reeling_ex change	575.47039 79492188	157.19593 81103515 6	14.118049 62158203 1	0.0	0.0	7.5423822 4029541	1286.6782 2265625	1449.8898 92578125	625.72375 48828125	0.0	68.995040 89355469	34.446819 30541992	1113.9927 97851562 5	1398.0733 64257812 5	489.60299 68261719	0.0	53.470050 81176758	26.662519 45495605 5	983.3	231.699	2410	2406	2406	55	13T19:39: 14		20220513-27
2841	nw_sup_c hange																			981.1	231.343	2400	2400	2399	49	13T19:38: 49		
2840	nw_inf_ch ange																			978.8	229.543	2400	2400	2399	49	13T19:38: 49		
2839	reeling_ex change	551.56030 2734375	150.68762 20703125	13.523658 75244140 6	0.0	0.0			7376123			66.238487 24365234						82177734 4	25.607633 59069824 2	980.7	233.247	2400	2400	2399	48	13T18:51: 55		20220513-26
2838	change	8359375	8	6		0.0				576.25946 04492188		63.495441 43676758	91021209	0203123	5	5		44335937 5	24.574888 22937011 7		232.267	2400	2405	2404	43	13T18:04: 48		20220513-25
2837	reeling_ex change	505.74749 75585937 5	138.24006 65283203	12.393360 13793945 3	0.0	0.0	6.6258473 39630127	1134.2636 71875	1278.1397 70507812 5	551.55310 05859375	0.0	60.775840 75927734 4	30.370601 65405273 4	981.71044 921875	1231.7702 63671875	431.43710 32714844	0.0	47.143749 23706055	23.515859 60388183 6	962.2	225.276	2318	2312	2314	11	13T17:17: 43		20220513-24
2836	nw_sup_c hange																			959.5	222.981	2400	2391	2393	22	13T17:17: 22		
2835	nw_inf_ch ange																			958.1	222.135	2400	2391	2393	22	13T17:17: 22		
2834	change	30302031	6	5		0.0				527.44128 41796875		58.125267 02880859 4	2	1640625	94921875	5		26611328			231.65	2400	2391	2393	14	13T16:32: 11		20220513-23
2833	reeling_ex change					0.0				502.58700 56152344		55.408348 08349609 4						30311133	21.442390 44189453		5.90606	84	83	83	27	13T15:45: 14		20220513-22
2832		459.54199 21875				0.0				501.74810 79101562 5		55.279182 43408203	Ü						21.415086 74621582	980.7	233.458	2400	2394	2396	23	13T15:43: 27		20220513-21
2831	reeling_ex change	436.05294 79980469	119.29135 89477539	10.679570 19805908 2	0.0	0.0	5.7183928 48968506	981.24865 72265625	1105.6285 40039062 5	477.14215 08789062 5	0.0	52.635025 02441406	26.256788 25378418	849.81781 00585938	1065.9699 70703125	373.43911 74316406	0.0	77099609	20.350309 37194824 2	983.4	234.399	2403	2397	2399	10	13T14:56: 23		20220513-20
2830	nw_sup_c hange																			978.4	231.454	2400	2393	2395	02	13T14:56: 02		
2829	nw_inf_ch ange			10.10000					1017				04.00555		1010 2112				10.000		231.258	2400	2393	2395	02	13T14:56: 02		
2828		413.27377 31933594				0.0				452.20693 96972656		49.866638 18359375							19.282712 93640136 7		231.889	2400	2393	2395	04	13T14:09: 10		20220513-19
2827		389.63796 99707031				0.0				427.50445 55664062 5		47.110946 65527344						36.578231 81152344	18.237483 97827148 4	986.0	231.44	2400	2395	2396	59	13T13:22: 04		20220513-18
2826	reeling_ex change	367.13858 03222656	100.46524 04785156 2	8.9961738 58642578	0.0	0.0	4.8180112 83874512	828.31091 30859375	933.19616 69921875	402.73312 37792969	0.0	44.349533 08105469	22.181198 12011718 8	717.06005 859375	899.20196 53320312	315.07733 15429687 5	0.0	34.456729 88891601 6	17.162576 67541504	991.0	236.162	2417	2410	2412	13T11:47: 31			20220513-17
2825	nw_sup_c hange																			985.5	236.14	2400	2393	2395	2022-05- 13T12:34: 31	13T12:34:		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2824	nw_inf_ch ange																			983.3	235.146	2400	2393	2395	2022-05- 13T12:34: 31	2022-05- 13T12:34: 31		
2823	reeling_ex change	343.82412 71972656	94.080589 2944336	8.4197607 04040527	0.0	0.0	4.5086507 79724121	776.46417 23632812	874.76678 46679688	377.50320 43457031	0.0	41.590694 42749023 4	20.763904 57153320 3	672.02093 50585938	842.69458 0078125	295.30545 04394531	0.0	32.266613 0065918	16.087293 62487793	987.9	235.265	2400	2393	2395	2022-05- 13T11:00: 24	2022-05- 13T11:47: 31		20220513-16
2822				7.8501200 67596435 5		0.0			815.97686 76757812		0.0	13574219	1048584	627.79290 77148438	30664062	34375		76733398	15.036616 32537841 8	987.7	234.997	2400	2396	2397		2022-05- 13T11:00: 24		20220513-15
2821	reeling_ex change	297.45086 66992187 5	81.376380 92041016	7.2892208 09936523	0.0	0.0	3.8991632 46154785	673.32397 4609375	758.57342 52929688	327.31430 05371094	0.0	36.087684 63134765 6	18.014108 65783691 4	583.25341 796875	731.20849 609375	256.31289 67285156	0.0	28.018371 58203125	13.974972 72491455	988.6	232.952	2396	2390	2392	2022-05- 13T09:26: 16	13T10:13:		20220513-14
2820	nw_sup_c hange																			986.4	232.789	2400	2393	2395	2022-05- 13T10:12: 55	13T10:12:		
2819	nw_inf_ch ange																			984.1	231.9	2400	2393	2395	2022-05- 13T10:12: 55	13T10:12:		
2818				6.7454032 89794922		0.0	30170309	79002012	13470302				ŭ	538.53649 90234375		•		23156738 3	12.906353 95050048 8	990.7	235.334	2400	2393	2395	08	13T09:26: 16		20220513-13
2817				6.1974978 44696045		0.0	3	550/8125	15025					493.71884 15527344				56066894 5	11.834234 23767089 8	994.7	237.014	2401	2395	2397	03	13T08:39: 08		20220513-12
2816	reeling_ex change	229.57575 98876953	62.815708 16040039	5.6407003 40270996	0.0	0.0	3.0107944 01168823 2	517.28015 13671875	582.83612 06054688	251.40048 21777343 8	0.0	27.781320 57189941 4	13.857769 01245117 2	448.97283 93554687 5	562.58648 68164062	197.32658 38623047	0.0	21.602659 22546386 7	10.748999 59564209	994.3	235.808	2411	2405	2407	41	13T07:52: 03		20220513-11
2815	nw_sup_c hange																			990.7	233.034	2400	2393	2395	38	13T07:51: 38		
2814	nw_inf_ch ange						0.7000570	405 44000					40.447070		505 00050			10.000710		990.3	233.047	2400	2393	2395	38	13T07:51: 38		
2813	cnange	42529297	19116211			0.0	4	5	0703125					403.86758 42285156				5			235.097	2400	2393	2395	34	13T07:04: 41		20220513-10
2812				4.4978928 565979		0.0	48654175	64746094	35449219					359.23873 90136719			0.0	30003910	8.6081867 21801758	989.9	237.728	2400	2394	2396	29	13T06:17: 34		20220513-09
2811	reeling_ex change	160.65516 66259765 6	43.932872 7722168	3.9382553 10058593 8	0.0	0.0	2.1017642 0211792	360.88366 69921875	406.62988 28125	175.41835 02197265 6	0.0	61901855 5	9.6718006 1340332	314.66397 09472656	393.93301 39160156	138.30606 07910156 2	0.0	15.119983 67309570 3	7.5463800 43029785	987.7	232.541	2388	2382	2384	36	13T05:30: 29		20220513-08
2810	nw_sup_c hange																			983.7	230.896	2400	2394	2396	59	13T05:29: 59		
2809	nw_inf_ch ange		27.040450				4 0000000			450 40000		40 000000			220 00747			40,000707		981.5	231.22	2400	2394	2396	59	13T05:29: 59		
2808		445.00455		86642456	0.0	0.0	2	92089844	7578125	8				270.14916 9921875				6	03499200		233.527	2400	2394	2396	29	13T04:43: 36		20220513-07
2807		78002929 7	98583984 4	•		0.0				125.35931 39648437 5		90270996 1	6.9135513 30566406	225.06744 38476562 5	281.65048 21777344	98.936782 83691406	0.0	5			234.283	2400	2401	2403	23	13T03:56: 29		20220513-06
2806	reeling_ex change	92.560928 34472656	13757324	2.2696874 14169311 5	0.0	0.0	1.2149000 16784668	207.23828 125	233.55822 75390625	100.73447 41821289	0.0			180.34577 94189453			0.0	8.6637744 90356445	4.3173942 56591797	987.2	231.968	2388	2383	2383	2022-05- 13T02:22: 30 2022-05-	13T03:09: 23		20220513-05
2805	nw_sup_c hange																			984.6	231.712	2400	2395	2395	13T03:08: 57	13T03:08: 57		
2804	nw_inf_ch ange		19 909149	1.6009035					175 75506						160 05700	50.760000				982.8	231.02	2400	2395	2395	2022-05- 13T03:08: 57 2022-05-	13T03:08: 57		
2803				1.6908035 27832031 2		0.0				75.806434 63134766		8.3780813 21716309	4.1878128 05175781	135.93989 56298828	22851562	10766601 6	0.0	10000170	3.2556526 66091919		235.922	2400	2395	2395	13T01:35: 22	13T02:22:		20220513-04
2802				1.1386785 50720214 8		0.0			40161132 8 59.775569	50.686714 17236328	0.0			91.262939 453125 46.625492			0.0	4.4109883 30841064 5	2.1813869 47631836 1.1268377	989.9	234.172	2400	2404	2402		13T01:35: 22		20220513-03
2801	reeling_ex change	74475097 7	6.5752701 75933838	0.5831077 09884643 6	0.0	0.0	30573272	25610351		70080566	0.0	78228759	01113891	46.625492 09594726 6	65405273	40417480	0.0	57211303	1.1268377 30407714 8	994.3	233.571	2405	2401	2401	13T00:01:	2022-05- 13T00:48: 16		20220513-02

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2800	nw_sup_c hange																			991.2	231.929	2400	2395	2395		2022-05- 13T00:47: 48		
2799	nw_inf_ch ange																			989.0	231.753	2400	2395	2395	2022-05- 13T00:47: 48	2022-05- 13T00:47: 48		
2798	reeling_ex change	91789245	0.3972074 38945770 26	35162115	0.0	0.0	0.0178733 84058475 494	1.7013678 55072021 5	1.9239350 55732727	0.8323407 76920318 0	0.0	34648513	88642454	1.8193986 41586303 7	80761718		0.0		0.0552008 11475515 366	996.6	234.718	2400	2395	2395		2022-05- 13T00:01: 04		20220513-01
2797	reeling_ex change	862.16925 04882812	98.420753 4790039	25.960298 53820800 8	0.0	0.0	9.9762554 16870117	1537.8814 69726562 5	2143.5610 3515625	798.26110 83984375	0.0	125.16284 94262695 3	46.237495 42236328	1320.8679 19921875	2029.9959 71679687 5	619.66387 93945312	0.0	95.916732 78808594	35.453762 05444336	993.0	234.619	2401	2403	2402	2022-05- 12T22:26: 52	2022-05- 12T23:13: 56		20220512-37
2796	reeling_ex change	839.48901 3671875	92.230476 37939453	25.390832 90100097 7	0.0	0.0	9.6803770 06530762	1485.9810 79101562 5	2085.0551 7578125	773.01721 19140625	1.0	122.38835 90698242 2	44.859008 7890625	1276.6281 73828125	1974.6540 52734375	600.20886 23046875	0.0	93.843139 6484375	34.385757 44628906	953.5	216.207	2241	2238	2236	12T21:42:	2022-05- 12T22:26: 52		20220512-36
2795	nw_sup_c hange																			949.3	215.403	2400	2397	2395	2022-05- 12T22:26: 31	12T22:26:		
2794	nw_inf_ch ange																			948.9	215.363	2400	2397	2395		2022-05- 12T22:26: 31		
2793	reeling_ex change	818.66918 9453125	86.526931 76269531	24.883377 07519531 2	0.0	0.0				749.31274 4140625		119.79782 10449218 8	43.544139 86206055	1234.8759 765625	1922.3757 32421875	581.85327 1484375	0.0	91.837257 3852539	33.395793 91479492	988.6	230.797	2400	2397	2395	2022-05- 12T20:55: 44	2022-05- 12T21:42: 50		20220512-35
2792	reeling_ex change	795.43151 85546875	80.189598 0834961	24.311918 25866699 2	0.0	0.0				724.23553 46679688		117.07336 42578125	42.183593 75	1190.0178 22265625	1866.1718 75	562.13360 59570312	0.0	89.689880 37109375	290875		234.718	2400	2401	2399		2022-05- 12T20:55: 44		20220512-34
2791	reeling_ex change	772.51055 90820312	73.933822 63183594	23.746070 86181640 6	0.0	0.0	8.7934064 8651123	1334.5013 42773437 5	1914.2681 88476562 5	699.33032 2265625	0.0	7	2.000.0	1145.9022 21679687 5	5	000 100 12			44100000		11.5385	144	145	145	2022-05- 12T20:05: 49	2022-05- 12T20:08: 44		20220512-33
2790	reeling_ex change	771.65032 95898438	73.710029 60205078	23.724765 77758789	0.0	0.0	8.7840166 09191895	1331.0554 19921875	1910.3771 97265625	697.66430 6640625	0.0	114.14055 63354492 2	40.695068 359375	1142.9730 22460937 5	1807.1611 328125	541.44897 4609375	0.0	87.472366 33300781	31.196662 90283203	964.8	221.508	2285	2284	2282		2022-05- 12T20:05: 49		20220512-32
2789	nw_sup_c hange																			961.7	221.982	2320	2322	2319	2022-05- 12T20:05: 25	2022-05- 12T20:05: 25		
2788	nw_inf_ch ange																			960.3	221.289	2320	2322	2319		2022-05- 12T20:05: 25		
2787	cnange	90039062	62597656		0.0	0.0	5592041	5	5		0.0	9	6	1100.9802 24609375	64453125	0703125	0.0	70209331	5	970.4	226.105	2320	2322	2319	2022-05- 12T18:35: 28	2022-05- 12T19:20: 57		20220512-31
2786				44506836	0.0	0.0				649.40252 68554688		108.76807 40356445 3						83.388854 98046875	29.159971 23718261 7	306.5	16.1773	189	189	189	12T18:31: 38	2022-05- 12T18:35: 28		20220512-30
2785	reeling_ex change	725.51440 4296875	61.144405 36499023 4	22.597640 99121093 8	0.0	0.0				647.37432 86132812				1054.3493 65234375			0.0	83.250656 12792969	8/5	986.8	232.267	2400	2413	2411	2022-05- 12T17:44: 24	2022-05- 12T18:31: 38		20220512-29
2784	reeling_ex change	702.54724 12109375	54.866386 41357422	22.029611 58752441 4	0.0	0.0	7.8760590 55328369	1175.6348 87695312 5	1735.2330 32226562 5	621.97216 796875	0.0	00634765	00537109	1009.3795 77636718 8			0.0	81.109687 80517578	27.993892 66967773 4	968.9	224.394	2297	2308	2301	12T16:59: 04	2022-05- 12T17:44: 24		20220512-28
2783	nw_sup_c hange																			963.4	222.872	2220	2231	2223	2022-05- 12T17:43: 53	2022-05- 12T17:43: 53		
2782	nw_inf_ch ange																			961.2	222.042	2220	2231	2223	12T17:43: 53	2022-05- 12T17:43: 53		
2781	cnange	679.79199 21875	9440918	2		0.0	30963135	5	0100120			103.05270 38574218 8	35.211994 17114258	966.18579 1015625	1585.1372 0703125	463.70489 50195312 5	0.0	31132344	26.979129 79125976 6		219.921	2220	2231	2223		2022-05- 12T16:59: 04		20220512-27
2780	reeling_ex change	657.56854 24804688	42.594844 81811523 4	20.952806 47277832	0.0	0.0				573.20355 22460938		1	14941400	924.46398 92578125	31171073	5		76.986450 1953125	5		221.435	2220	2231	2224	12T15:31: 36			20220512-26
2779				20.424186 70654297		0.0				549.30877 68554688		97.738075 25634766					0.0	74.962760 92529297			47.4989	498	503	545	2022-05- 12T14:29: 45	2022-05- 12T15:31: 36		20220512-25
2778	cnange	08984375	96142578			0.0				540.18743 89648438		85644531	84863281	865.70135 49804688	84765625	07910156		74.157615 6616211			1.77659	2309	2273	2262	12T14:30: 15	2022-05- 12T14:30: 15		20220512-24
2777	reeling_ex change	623.23767 08984375	33.233222 96142578	20.107679 36706543	0.0	0.0	6.8347535 13336182	1007.4557 49511718 8	1545.6245 1171875	540.18743 89648438	0.0	96.719802 85644531	32.040969 84863281	865.70135 49804688	1458.8068 84765625	419.55606 07910156	0.0	74.157615 6616211	24.556840 89660644 5	176.0	0.657709	2309	2273	2262	12T14:30:	2022-05- 12T14:30: 15		20220512-23

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	В4	B5	B6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2776	nw_sup_c hange																			176.0	0.657709	2309	2273	2262	2022-05- 12T14:30: 15	2022-05- 12T14:30: 15		
2775	nw_inf_ch ange																			176.0	216.832	2386	2351	2337	2022-05- 12T14:30: 15	2022-05- 12T14:30: 15		
2774	reeling_ex change	597.55303 95507812	31.925237 65563965	19.260107 04040527 3	0.0	0.0	6.5626673 69842529	959.96545 41015625	1490.8647 4609375	519.68035 88867188	0.0	92.843139 6484375	30.795278 54919433 6	824.76403 80859375	1406.1420 8984375	403.60845 94726562 5	0.0	71.205413 81835938	23.595401 76391601 6	965.3	219.861	2386	2351	2337	2022-05- 12T13:19: 13	2022-05- 12T13:55: 03		20220512-22
2773	reeling_ex change	572.07312 01171875	30.583559 03625488 3	18.413568 4967041	0.0	0.0	6.2786135 67352295	910.80065 91796875	1434.1705 32226562 5	498.43130 49316406	0.0	88.896278 38134766	29.462041 8548584	782.03869 62890625	1351.2213 13476562 5	386.97000 12207031	0.0	68.115707 39746094	22.566652 29797363 3	966.6	217.876	2386	2354	2342	2022-05- 12T12:43: 25	2022-05- 12T13:19: 13		20220512-21
2772	reeling_ex change	546.61773 68164062	29.156805 03845215	17.559787 75024414	0.0	0.0	5.9981455 80291748	861.60028 07617188	1377.4344 48242187 5	477.18594 36035156	0.0	84.912193 29833984	28.148200 98876953	739.64739 99023438	1296.7167 96875	370.44076 53808594	0.0	65.037330 6274414	21.572629 92858886 7	918.6	197.051	2144	2112	2102	2022-05- 12T12:11: 12	2022-05- 12T12:43: 25		20220512-20
2771	nw_sup_c hange																			915.5	195.685	2226	2191	2180	2022-05- 12T12:43: 05	2022-05- 12T12:43: 05		
2770	nw_inf_ch ange																			913.7	194.844	2226	2191	2180	2022-05- 12T12:43: 05	2022-05- 12T12:43: 05		
2769		523.58447 265625			0.0	0.0	5.7474446 29669189 5	816.79809 5703125	1325.7604 98046875	457.85223 38867187 5	0.0	81.322204 58984375	26.960670 47119140 6	701.02691 65039062	1247.1741 94335937 5	355.36950 68359375	0.0	62.285713 19580078	20.629220 96252441 4	938.9	206.662	2226	2191	2180	2022-05- 12T11:37: 47	2022-05- 12T12:11: 12		20220512-19
2768	change	04211344	8	7		0.0	5.4831213 95111084	769.94238 28125	1271.7147 21679687 5	437.62536 62109375	0.0	77.533287 04833984	25.709159 85107422	660.35186 76757812	1197.2980 95703125	339.53012 08496094	0.0	59.308403 01513672	19.662754 05883789	938.4	205.042	2225	2193	2181		2022-05- 12T11:37: 47		20220512-18
2767	reeling_ex change	475.90353 39355469	25.275917 05322265 6	15.231977 46276855 5	0.0	0.0	5.2306027 41241455	723.43908 69140625	1218.0471 19140625	417.53356 93359375	0.0	73.760185 24169922	•		•	•		56.381664 27612305	18.697517 39501953	523.3	49.5047	572	570	565	2022-05- 12T09:58: 49	2022-05- 12T11:04: 29		20220512-17
2766	state_wor king	442.36926 26953125	23.469146 72851562 5	14.138467 78869628 9	0.0	0.0		0000000	5	400.95086 66992187 5		70.666496 27685547	23.423334 1217041	587.39428 7109375	1105.7557 37304687 5	311.04293 82324219	0.0		17.932712 55493164		4.92964	2650	2623	2600	2022-05- 12T09:59: 24	12T09:59:		
2765	state_start	442 36926	23.469146 72851562 5	14.138467 78869628 9	0.0	0.0	4.8589053 1539917	685.05218 50585938	1173.7572 02148437 5	400.95086 66992187 5	0.0	70.666496 27685547	23.423334 1217041	587.39428 7109375	1105.7557 37304687 5	311.04293 82324219	0.0	6	17.932712 55493164		2.61758	2650	2623	2600	2022-05- 12T09:59: 24	12T09:59:		
2764	state_stop	442.36926 26953125	23.469146 72851562 5	14.138467 78869628 9	0.0	0.0	4.8589053 1539917	685.05218 50585938	1173.7572 02148437 5	400.95086 66992187 5	0.0	70.666496 27685547	23.423334 1217041	587.39428 7109375	1105.7557 37304687 5	311.04293 82324219	0.0	6	17.932712 55493164		2.62564	2650	2623	2600	2022-05- 12T09:59: 24	2022-05- 12T09:59: 24		
2763	state_start			14.138467 78869628 9		0.0	4.8589053 1539917	685.05218 50585938	1173.7572 02148437 5	400.95086 66992187 5	0.0	70.666496 27685547	23.423334 1217041	587.39428 7109375	1105.7557 37304687 5	311.04293 82324219	0.0	6	17.932712 55493164		2.52287	2650	2623	2600	2022-05- 12T09:59: 24	2022-05- 12T09:59: 24		
2762	reeling_ex change	442.36926 26953125	23.469146 72851562 5	14.138467 78869628 9	0.0	0.0	4.8589053 1539917	685.05218 50585938	1173.7572 02148437 5	400.95086 66992187 5	0.0	70.666496 27685547	23.423334 1217041	587.39428 7109375	1105.7557 37304687 5	311.04293 82324219	0.0	54.080726 62353515 6	17.932712 55493164	180.4	0.908877	2650	2623	2600	2022-05- 12T09:59: 24	2022-05- 12T09:59: 24		
2761	nw_sup_c hange																			180.4	0.908877	2650	2623	2600	2022-05- 12T09:59: 24	2022-05- 12T09:59: 24		
2760	nw_inf_ch ange																			176.0	0.201973	2575	2551	2526	2022-05- 12T09:59: 24	2022-05- 12T09:59: 24		
2759	reeling_ex change	414.32043 45703125	21.988080 97839355 5	13.247521 40045166	0.0	0.0	4.5539565 08636475	638.78820 80078125	1094.5139 16015625	373.88455 20019531	0.0	65.938606 26220703						50.492126 46484375	16.736034 39331054 7	952.5	255.84	2575	2551	2526	2022-05- 12T08:39: 51	2022-05- 12T09:18: 46		20220512-16
2758	reeling_ex change	385.44094 84863281	20.469694 13757324 2	12.336340 90423584	0.0	0.0	4.2370162 01019287	594.47637 93945312	1018.5628 05175781 2	347.92254 63867187 5	0.0	61.374332 42797851 6	20.331836 70043945 3	509.96914 67285156	959.32629 39453125	270.02041 62597656	0.0	46.955032 34863281		953.4	253.336	2576	2552	2527	2022-05- 12T08:00: 56	2022-05- 12T08:39: 51		20220512-15
2757	reeling_ex change	357.13589 47753906	18.970129 01306152 3	11.425973 89221191 4	0.0	0.0	3.9266636 37161255	549.45037 84179688	941.41973 87695312	321.59698 48632812 5	0.0	56.697578 43017578	18.785863 87634277 3	471.74163 81835937 5	886.81701 66015625	249.77705 38330078	0.0	75219726	14.398360 25238037 1	951.6	254.968	2575	2558	2529	2022-05- 12T07:22: 01	2022-05- 12T08:00: 56		20220512-14
2756	reeling_ex change	327.68399 04785156	17.417900 08544922	10.484060 28747558 6	0.0	0.0	3.5953562 25967407 2	503.83407 59277344	863.26538 0859375	294.87625 12207031	0.0	52.023021 69799805	17.223951 33972168	433.50204 46777344	814.10955 81054688	229.53115 84472656 2	0.0	39.940681 45751953	13.239856 71997070 3	965.7	267.319	2680	2656	2631	2022-05- 12T06:41: 32	12T07:22:		20220512-13
2755	nw_sup_c hange																			964.9	267.015	2575	2557	2527	2022-05- 12T07:21: 49	12T07:21:		
2754	nw_inf_ch ange																			963.1	266.339	2575	2557	2527	2022-05- 12T07:21: 49	2022-05- 12T07:21: 49		
2753	reeling_ex change	298.02774 04785156	15.853528 97644043	9.5397472 3815918	0.0	0.0	3.2686560 15396118	456.91656 49414062 5	782.91894 53125	267.41296 38671875	0.0	47.147171 02050781	15.622000 69427490 2	393.89291 38183594	738.62518 31054688	208.54342 65136718 8	0.0	36.268115 99731445	12.014454 84161377	949.1	254.761	2575	2557	2527	2022-05- 12T06:02: 37	2022-05- 12T06:41: 32		20220512-12

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2752	reeling_ex change	268.60760 49804687 5	14.288118 36242675 8	8.5976591 1102295 0.	0	0.0	2.9509894 84786987 3	411.81048 58398437 5	705.63812 25585938	241.03173 828125	0.0	42.531002 04467773 4	14.073697 09014892 6	355.41119 38476562 5	665.34240 72265625	188.16268 92089843 8	0.0	32.714355 46875	10.841367 72155761 7	946.9	255.714	2575	2559	2527	2022-05- 12T05:23: 41	2022-05- 12T06:02: 37		20220512-11
2751	reeling_ex change	240.51240 53955078	12.799852 37121582	7.7001056 67114258 0.	0	0.0	2.6411137 58087158	366.76419 06738281	628.46923 828125	214.63694 76318359 4		37.845066 07055664						29.164302 82592773 4		945.0	254.968	2575	2562	2527	2022-05- 12T04:44: 48	2022-05- 12T05:23: 41		20220512-10
2750	reeling_ex change	211.72340 39306640 6	11.260647 77374267 6	6.7838053 70330810 0. 5	0	0.0	2.3315947 05581665	321.67828 36914062 5	551.21472 16796875	188.24192 81005859 4	0.0	33.218811 03515625	10.994578 36151123	278.83990 47851562 5	519.83233 64257812	147.60734 55810547	0.0		8.5108861 92321777	971.7	267.197	2697	2674	2648		2022-05- 12T04:44: 48		20220512-09
2749	nw_sup_c hange																			967.5	267.715	2575	2552	2527		2022-05- 12T04:44: 31		
2748	nw_inf_ch ange																			966.2	266.806	2575	2552	2527		2022-05- 12T04:44: 31		
2747	reeling_ex change	181.82409 66796875	9.6756753 92150879	5.8271193 5043335 0.	0	0.0	1.9966623 78311157 2	274.46035 76660156	470.35150 14648437 5	160.61676 02539062 5	0.0	28.329196 92993164	9.3749284 7442627	238.80976 86767578	443.46282 95898437 5	126.36715 69824218 8	0.0	21.983549 11804199 2	44494629	946.1	256.589	2575	2552	2527	2022-05- 12T03:25: 06	2022-05- 12T04:04: 01		20220512-08
2746	reeling_ex change	152.29191 58935547	8.1274642 94433594	4.8808784 48486328 0.	0	0.0	5778656	83935547	394.95346 06933594	8828125	0.0	23.753393 17321777 3	7.8757190 7043457	201.19880 67626953	371.90188 59863281	106.48194 88525390 6	0.0	18.487567 90161132 8	6.1496634 4833374	948.5	257.099	2575	2555	2526		2022-05- 12T03:25: 06		20220512-07
2745	reeling_ex change	123.96691 13159179 7	6.6238975 52490234	3.9714252 94876098 0. 6	0	0.0	1.3628569 84138488 8	186.66529 84619140 6	319.90600 5859375	109.24906 15844726 6	0.0	5	40319824	20290020	300.22103 88183594	10044531		7210000		948.5	254.842	2576	2562	2534		2022-05- 12T02:46: 11		20220512-06
2744	reeling_ex change	95.007560 72998047	5.0821080 20782471	3.0461540 22216797 0.	0	0.0	1.0395619 86923217 8	143.68963 62304687 5	246.25334 16748047	84.089118 95751953	0.0	14.829807 28149414	4.8972797 39379883	126.10083 0078125	229.04832 45849609 4	66.702407 83691406	0.0	11.656602 85949707	3.8452365 39840698 2	866.1	214.022	2176	2159	2138		2022-05- 12T02:07: 19		20220512-05
2743	nw_sup_c hange																			864.8	213.321	167	165	164	2022-05- 12T02:07: 03	2022-05- 12T02:07: 03		
2742	nw_inf_ch ange																			863.0	212.573	167	165	164		2022-05- 12T02:07: 03		
2741	reeling_ex change	70.133499 14550781	3.7588913 44070434 6	2.2569229 60281372 0.	0	0.0	2	9	2	62.546970 36743164		11.060398 10180664						34031131	2.8829102 51617431 6		13.4723	167	165	164	2022-05- 12T01:31: 52	2022-05- 12T01:34: 29		20220512-04
2740				2.1934540 27175903 0. 3		0.0				60.927658 08105469		10.740291 59545898 4	3.5442175 86517334	91.350883 48388672	163.11968 99414062 5	48.342430 11474609 4	0.0	8.4258594 51293945	2.7839293 47991943 4	945.9	255.739	2575	2554	2529		2022-05- 12T01:31: 52		20220512-03
2739				1.2523890 73371887 0. 2		0.0	0.4305679 20207977 3	60.530818 93920898 4	103.72330 47485351 6	35.415290 83251953	0.0	0400007	3070000	11000100		8		4.9505972 86224365	1.6398111 58180236 8	945.0	253.844	2575	2554	2529	2022-05- 12T00:14: 02	2022-05- 12T00:52: 57		20220512-02
2738	reeling_ex change	11.473865 50903320 3	0.6097393 63193512	0.3658381 10446929 0. 93	0	0.0		-		131/138/	0.0	1.7339582 44323730 5						99870300 3	0.4565791 48769378 66		252.974	2575	2559	2536		2022-05- 12T00:14: 02		20220512-01
2737	change	40625	86352539			0.0				767.04724 12109375		6	53051758	53515625	2079.6552 734375	30034088		106.88002 77709961	35.354770 66040039	375.8	28.6046	326	325	323	2022-05- 11T23:23: 39	2022-05- 11T23:35: 14		20220511-34
2736	state_wor king			29.490589 14184570 0. 3		0.0	24487305	11328125	828125			6	94458008	19140625		51953125			35.125099 18212890 6	210.7	3.82322	2405	2385	2362		2022-05- 11T23:24: 40		
2735	state_start			29.490589 14184570 0. 3		0.0	9.7072582 24487305	1299.0891 11328125	2227.3798 828125	762.01348 87695312	0.0	6	94458008	19140625		51953125			35.125099 18212890 6	195.4	2.01222	2405	2385	2362	40	11T23:24: 40		
2734	reeling_ex change	885.48889 16015625	46.111049 65209961	29.490589 14184570 0. 3	0	0.0	9.7072582 24487305	1299.0891 11328125	2227.3798 828125	762.01348 87695312	0.0	134.15638 73291015 6	44.400836 94458008	1151.1096 19140625	2066.3745 1171875	610.25207 51953125	0.0	106.12999 72534179 7	35.125099 18212890 6	910.6	237.204	2405	2385	2362	2022-05- 11T22:45: 28	2022-05- 11T23:23: 39		20220511-33
2733	reeling_ex change																			910.6	237.204	2573	2540	2525	28	11T23:23: 39		20220511-32
2732	nw_inf_ch ange																			908.9	236.804	2573	2540	2525	33	11T23:23: 33		
2731				28.562559 12780761 0. 7		0.0				737.86950 68359375		5	6	5	5	49023438		102.79142 76123046 9	33.998107 91015625	939.6	251.288	2573	2540	2525	50	11T22:45: 28		20220511-31
2730				27.626724 24316406 0. 2		0.0	01035930	21875	010020			0703125	013/0953	73828125	1935.3693 84765625	40234375		02339002			256.0	2574	2544	2528	2022-05- 11T21:24: 12	2022-05- 11T22:04: 50		20220511-30
2729	reeling_ex change	800.56365 96679688	41.722667 6940918	26.644712 44812011 0. 7	0	0.0	8.7774677 27661133	1171.1079 1015625	2008.0113 52539062 5	687.11840 8203125	0.0	120.89470 67260742 2	40.013137 81738281	1036.7860 10742187 5	1867.3876 953125	549.79998 77929688	0.0	95.574645 99609375	31.622955 32226562 5	939.7	253.255	2573	2546	2530		2022-05- 11T21:24: 12		20220511-29

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2728	reeling_ex change	771.26104 73632812	40.194797 51586914	25.669343 94836425 8	0.0	0.0	8.4477195 7397461	1128.0120 84960937 5	1934.1407 47070312 5	661.85845 94726562	0.0	6	4	734375	1799.6179 19921875	65625		92.024711 60888672	30.453706 74133300 8	394.8	35.4179	360	349	357		2022-05- 11T20:43: 40		20220511-28
2727	state_start	763.27429 19921875	39.768463 13476562 5	25.398618 69812011 7	0.0	0.0	8.3641319 27490234	1118.6068 11523437 5	1917.9848 6328125	656.36053 46679688	0.0	115.48653 41186523 4	38.222251 89208984 4	989.06677 24609375	1784.2447 50976562 5	524.54473 87695312	0.0	91.207923 88916016	30.185895 91979980 5	982.8	271.134	2722	2682	2658	2022-05- 11T20:24: 36	2022-05- 11T20:24: 36		
2726	nw_sup_c hange																			970.0	270.52	2574	2536	2512		2022-05- 11T20:23: 57		
2725	nw_inf_ch ange																			968.3	269.818	2574	2536	2512	2022-05- 11T20:23: 57	2022-05- 11T20:23: 57		
2724	reeling_ex change	731.94158 93554688	38.139984 13085937 5	24.349508 28552246	0.0	0.0	80/3/305	34375	10010020	629.25836 18164062					1711.5253 90625			87.388252 25830078	28.931589 12658691 4	941.9	254.252	2574	2536	2512	2022-05- 11T19:00: 18	2022-05- 11T19:40: 56		20220511-27
2723	reeling_ex change	703.04913 33007812	36.641052 24609375	23.385900 49743652 3	0.0	0.0	7.7033028 6026001	1028.5440 67382812 5	1763.6362 3046875	603.62091 06445312	0.0				1643.4656 98242187 5				27.740821 83837890 6		256.429	2574	2540	2512	2022-05- 11T18:19: 40	11T19:00:		20220511-26
2722	reeling_ex change	673.19006 34765625	35.090923 30932617	22.406164 16931152 3	0.0	0.0	20//0123	9921875	8984375			101.52933 50219726 6	33.616756 43920898 4	869.54022 21679688	1575.3519 28710937 5	461.25173 95019531	0.0	3331211	26.549980 16357422		255.149	2574	2548	2523	2022-05- 11T17:39: 01	11T18:19:		20220511-25
2721	reeling_ex change	643.41644 28710938	33.525367 73681640 6	21.405422 21069336	0.0	0.0	7.0512566 56646728 5	938.80126 953125	1609.8469 23828125	551.01153 56445312	0.0	96.911476 1352539	32.094203 94897461	830.44171 14257812	1506.1364 74609375	440.57537 84179687 5	0.0	76.622184 75341797	25.342828 75061035	970.0	279.53	2805	2755	2726	2022-05- 11T16:54: 54	11T17:39:		20220511-24
2720	nw_sup_c hange																			967.8	278.863	2573	2525	2499	2022-05- 11T17:38: 43	11T17:38:		
2719	nw_inf_ch ange																			966.5	278.054	2573	2525	2499	2022-05- 11T17:38: 43	11T17:38:		
2718	change	22460938	35192871			0.0	6.7030482 29217529	889.45623 77929688	1525.2698 97460937 5	522.06176 7578125	0.0	91.832641 6015625	30.393333 43505859 4	787.58294 67773438	1432.1254 8828125	417.85671 99707031	0.0	72.670310 9741211	24.032512 66479492 2	928.6	253.336	2573	2525	2499	27	11T16:54: 54		20220511-23
2717	reeling_ex change					0.0				495.68173 21777344									22.853576 66015625		254.434	2574	2528	2500		2022-05- 11T16:14: 27		20220511-22
2716				18.376077 65197754		0.0	6.0563149 45220947	799.96240 234375	1371.9112 54882812 5	469.56759 64355469	0.0				1296.6295 16601562 5			33304433			250.307	2573	2535	2512	2022-05- 11T14:53: 33	2022-05- 11T15:34		20220511-21
2715	reeling_ex change	522.71508 7890625	27.291103 36303711	17.407848 35815429 7	0.0	0.0	5.7293663 02490234	754.85375 9765625	1294.5805 6640625	443.09527 58789062 5	0.0	77.920654 296875	25.803127 28881836	669.96594 23828125	1229.2150 87890625	355.51467 89550781	0.0	61.834331 51245117	20.456970 21484375	938.3	255.37	2602	2553	2528	2022-05- 11T14:12: 38	2022-05- 11T14:53: 33		20220511-20
2714	nw_sup_c hange																			935.7	255.035	2473	2431	2406	11T14:53:	2022-05- 11T14:53: 10		
2713	nw_inf_ch ange																			933.9	254.163	2473	2431	2406		2022-05- 11T14:53: 10		
2712	reeling_ex change	494.13839 72167969	25.808086 39526367 2	16.460140 22827148 4	0.0	0.0	71984863	140625	9140625	417.49252 31933594		73.422569 27490234							19.264606 47583007 8	916.3	240.734	2473	2431	2406	51	11T14:12: 38		20220511-19
2711	change	70117187 5	13146972 7			0.0				393.17034 91210937 5					1096.1694 3359375			63891601 6	18.102338 79089355 5		27.9366	319	313	310	2022-05- 11T13:17: 07	2022-05- 11T13:33: 51		20220511-18
2710	reeling_ex change	459.49197 38769531	24.011869 43054199 2	15.300011 63482666	0.0	0.0				388.79779 05273437 5					1084.2772 21679687 5			54.144950 86669922	17.904167 17529297	934.8	248.326	2569	2524	2502	2022-05- 11T12:26: 35	2022-05- 11T13:17: 07		20220511-17
2709	change	08007812 5	11877441 4	14.319581 98547363 3		0.0				364.12246 70410156		6	97008457	58398438	1017.6254 8828125	9/303281		95068359 4	16.772891 99829101 6	935.7	251.095	2569	2529	2508	2022-05- 11T11:36: 03	2022-05- 11T12:26: 35		20220511-16
2708	reeling_ex change	401.25546 26464844	20.925979 61425781 2	13.334999 08447265 6	0.0	0.0	4.3985338 21105957	578.30078 125	991.73596 19140625	339.37994 38476562 5	0.0	59.668777 46582031	19.770378 11279297	512.04632 56835938	950.59942 62695312	271.79321 2890625	0.0	27978515	15.647971 15325927 7	978.8	274.184	2808	2753	2731	48	11T11:36: 03		20220511-15
2707	nw_sup_c hange																			978.0	273.69	2569	2526	2501	11T11:35: 49			
2706	nw_inf_ch ange																			976.7	270.873	2569	2526	2501	11T11:35: 49			
2705			98352050	12.257479 66766357 4	0.0	0.0	4.0435333 25195312 5	532.95660 40039062	914.01263 42773438	312.74737 54882812 5	0.0	55.007801 0559082	18.204421 99707031 2	471.22659 30175781	876.79034 42382812	250.14314 27001953	0.0	43.515598 29711914	14.414265 63262939 5	943.6	254.144	2569	2526	2501	2022-05- 11T09:50: 15	2022-05- 11T10:40: 48		20220511-14

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2704	cnange	340.56820 67871094	3	1		0.0	3.7367842 19741821 3	491.02294 921875	842.12829 58984375	288.12246 70410156	0.0	50.673450 4699707	16.779424 6673584	433.83270 26367187 5	808.48773 19335938	230.32107 54394531 2	0.0	39.980072 02148437 5	13.260313 03405761 7	942.7	253.863	2569	2526	2505		2022-05- 11T09:50: 15		20220511-13
2703	reeling_ex change	311.39627 07519531	16.243410 11047363 3	10.348644 25659179 7	0.0	0.0	3.4129426 4793396	449.30868 53027344	770.58648 68164062	263.63998 41308594	0.0	46.400905 60913086	15.358420 37200927 7	396.47280 88378906	739.89770 5078125	210.49713 13476562 5	0.0	36.574512 48168945	12.125774 38354492 2	942.3	254.942	2569	2532	2507	2022-05- 11T08:09: 11	2022-05- 11T08:59: 43		20220511-12
2702	reeling_ex change	282 51275	14.764684 67712402	9.4035358 42895508	0.0	0.0	3.0982880 59234619	407.24539 18457031	698.44506 8359375	238.94486 99951172	0.0	42.048240	13.926659	358.69699	670.57141 11328125	190.46492	0.0	33.091400	10.964430 80902099 6		272.204	2776	2729	2708		2022-05- 11T08:09: 11		20220511-11
2701	nw_sup_c hange																			978.8	274.234	2570	2526	2511	2022-05- 11T08:08: 47	2022-05- 11T08:08: 47		
2700	nw_inf_ch ange																			978.0	271.293	2570	2526	2511	2022-05- 11T08:08: 47	2022-05- 11T08:08: 47		
2699	reeling_ex change	251.67251 58691406 2	13.147792 81616211	8.3636903 76281738	0.0	0.0	2.7576262 95089721 7	362.24017 33398437 5	621.26739 50195312	212.56175 23193359 4	0.0	37.359748 84033203	12.377033 23364257 8	318.42120 36132812 5	595.82519 53125	169.08905 02929687 5	0.0	29.398302 07824707	9.7262544 631958	944.0	255.27	2570	2526	2511	2022-05- 11T06:24: 02	2022-05- 11T07:14: 35		20220511-10
2698		221.80635 07080078				0.0	67605591	2421875	548.59564 20898438	4		33.000362 39624023 4	10.932311 05804443 4	281.34570 3125	525.85424 8046875	149.39871 21582031 2	0.0	25.991891 86096191 4	8.5854272 84240723	941.8	251.866	2569	2530	2511	2022-05- 11T05:33: 31	2022-05- 11T06:24: 02		20220511-09
2697	reeling_ex change	192.77708 43505859 4	10.106298 44665527 3	6.4071130 75256348	0.0	0.0				163.11163 33007812 5		28.694944 38171386 7	9.5075731 27746582	244.69523 62060547	456.91036 98730469	129.92729 18701172	0.0	50036621	7.4640583 99200439 5	943.8	250.24	2569	2535	2511	2022-05- 11T04:42: 59	2022-05- 11T05:33: 31		20220511-08
2696	reeling_ex change	164.68322 75390625	8.6355228 42407227	5.4653925 89569092	0.0	0.0	1.8033219 57588195 8	235.81874 08447265 6	404.40042 11425781	138.37236 02294922	0.0	24.323156 35681152 3	8.0583295 82214355	207.58207 70263672	387.53094 48242187 5	110.23295 59326171 9	0.0	19.181550 97961425 8	6.3260703 08685303	942.4	252.266	2577	2534	2519	2022-05- 11T03:52: 16	2022-05- 11T04:42: 59		20220511-07
2695	nw_sup_c hange																			939.6	250.781	2559	2516	2501	2022-05- 11T04:42: 33	2022-05- 11T04:42: 33		
2694	nw_inf_ch ange																			938.3	250.089	2559	2516	2501	2022-05- 11T04:42: 33	2022-05- 11T04:42: 33		
2693	change	135.14404 296875	99847412	4251709		0.0	9	5	3071073						318.42233 27636719			33702333	5.2169194 22149658		249.029	2559	2516	2501		2022-05- 11T03:52: 16		20220511-06
2692						0.0	7	62841797	13574219			15.635696 41113281 2						12.391228 67584228 5			249.337	2559	2518	2501	2022-05- 11T02:11: 35	2022-05- 11T03:01: 55		20220511-05
2691	reeling_ex change	76.831443 7866211	4.0338430 40466309	2.5446081 16149902 3	0.0	0.0				64.452545 16601562		11.331224 44152832						03037017			250.205	2559	2517	2501	2022-05- 11T01:21: 20	2022-05- 11T02:11: 35		20220511-04
2690	change	47.684658 05053711	01328125	215/135		0.0				39.676525 1159668			•	ŭ				33100700	1.8326216 93611145	319.6	22.1885	248	244	243	2022-05- 11T01:16: 21	2022-05- 11T01:21: 20		20220511-03
2689	reeling_ex change	44.647747 03979492	2.3356864 45236206	1.4750692 84439087	0.0	0.0	0.4950018 52512359 6	63.803291 32080078	109.43829 34570312 5	37.444210 05249023 4	0.0	6.5779142 37976074	2.1987214 08843994	56.640674 59106445	104.06355 28564453 1	30.103483 20007324 2	0.0	5.2595171 92840576	1.7241488 69514465 3	988.1	277.214	2808	2759	2745	2022-05- 11T00:21: 07	2022-05- 11T01:16: 21		20220511-02
2688	nw_sup_c hange																			985.5	273.791	2520	2475	2464	56	11T01:15: 56		
2687	nw_inf_ch ange																			984.1	272.851	2520	2475	2464	2022-05- 11T01:15: 56	2022-05- 11T01:15: 56		
2686	reeling_ex change	12.411607 74230957	0.6489802 00290679 9	0.4057975 11339187 6	0.0	0.0	91195297 24	41284179 7	3	48107910 2		5	5	4	5	96826172	0.0	89997863 8	0.4666419 32725906 37		246.55	2520	2475	2464	2022-05- 10T23:31: 33	2022-05- 11T00:21: 07		20220511-01
2685	change	692.07604 98046875	37090023	7		0.0				1021.6252 44140625					1708.9234 61914062 5			23779297	30.606260 29968261 7		247.129	2519	2474	2467	2022-05- 10T22:42: 01	2022-05- 10T23:31: 33		20220510-33
2684	criarige	662.87835 69335938	6	5		0.0	8.2627811 43188477	858.65002 44140625	1652.6573 48632812 5	997.40893 5546875	0.0	1	48510742	19726562	1641.6391 6015625	1015625			29.484189 98718261 7		250.343	2519	2487	2475	2022-05- 10T21:52: 33	2022-05- 10T22:42: 01		20220510-32
2683	reeling_ex change	633.07769 77539062	129.76222 22900390 6	23.635503 7689209	0.0	0.0				973.00054 93164062					1573.4654 54101562 5				28.349546 43249511 7		10.4468	129	127	126	2022-05- 10T21:49: 59	2022-05- 10T21:52: 33		20220510-31
2682	reeling_ex change	631.84143 06640625	129.70063 78173828	23.594848 6328125	0.0	0.0	7.9249563 21716309	814.84210 20507812	1577.5172 11914062 5	971.69439 69726562	0.0	105.22016 14379882 8	34.823600 76904297	740.21765 13671875	1570.2843 01757812 5	799.37554 93164062	0.0	85.492935 18066406	28.295545 57800293	774.3	173.978	1762	1741	1719	10T21:15:	2022-05- 10T21:49: 59		20220510-30
2681	nw_inf_ch ange																			767.7	171.822	387	384	381	2022-05- 10T21:49: 01	2022-05- 10T21:49: 01		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
2680	nw_sup_c hange																			762.9	168.675	387	384	381	2022-05- 10T21:49: 01	2022-05- 10T21:49: 01		
2679	reeling_ex change	610.81176 7578125	128.58792 11425781 2	22.913780 21240234 4	0.0	0.0	7.6954360 00823975	786.38085 9375	1528.7257 08007812 5	954.98663 33007812	1.0	8	81347656	714.71331 78710938	23828125	61132812		44370703		386.6	34.6597	387	384	381	2022-05- 10T20:25: 38	2022-05- 10T21:15: 22		20220510-29
2678	reeling_ex change	602.76184 08203125	127.94725 79956054 7	22.635295 86791992 2	0.0	0.0	7.5987310 4095459	777.58911 1328125	1513.4991 45507812 5	949.37841 796875	0.0	101.39756 77490234 4	33.564998 62670898 4	706.84368 89648438	1507.8740 234375	781.17901 61132812	0.0	82.372070 3125	27.269588 47045898 4	920.2	208.592	2187	2157	2180	10T19:42:	2022-05- 10T20:25: 38		20220510-28
2677	nw_sup_c hange																			919.8	210.31	2400	2370	2396	21	10T20:25: 21		
2676	nw_inf_ch ange																			917.6	209.181	2400	2370	2396	10T20:25: 21			
2675	change		07055664	5		0.0				916.59295 65429688		97.848327 63671875						69042969	′		233.331	2400	2370	2396	30	10T19:42: 35		20220510-27
2674				21.026792 52624511 7		0.0	10906982	05078125	9296875				•	655.84191 89453125				00010020			14.7421	178	175	177	10T18:51: 54	2022-05- 10T18:55: 30		20220510-26
2673				20.936826 70593261 7		0.0	12040484	82220302	1328125					653.96154 78515625				76.238952 63671875	25.240003 58581543	963.0	226.706	2400	2374	2400	10T18:04: 43	2022-05- 10T18:51: 54		20220510-25
2672	reeling_ex change	534.98992 91992188	113.54410 55297851 6	20.060157 77587890 6	0.0	0.0	6.7559185 02807617	690.22802 734375	1343.4460 44921875	842.57641 6015625	0.0	89.960662 84179688	29.794994 35424804 7	627.63348 38867188	1336.8546 14257812 5	693.57543 9453125	0.0	73.184310 91308594	24.221048 35510254	940.5	217.701	2308	2267	2291	10T17:19: 19			20220510-24
2671	nw_sup_c hange																			936.1	215.359	2400	2357	2380	14	10T18:04: 14		
2670	nw_inf_ch ange		400.07400	40.020055					1000 0170				20.500400						22 227247	935.7	215.18	2400	2357	2380	10T18:04:	2022-05- 10T18:04: 14		
2669	reeling_ex change			19.239055 63354492 2	0.0	0.0				808.40295 41015625				602.39221 19140625				33203072			232.949	2400	2357	2380	10T16:32: 05	10T17:19: 19		20220510-23
2668		65820312 5	4	04565429 7		0.0	69805908	09179688	94140625					575.73278 80859375					22.206205 36804199 2		230.813	2400	2371	2396	10T15:44:	2022-05- 10T16:32: 05		20220510-22
2667	reeling_ex change	466.86911 01074219	99.194274 90234375	17.524614 33410644 5	0.0	0.0	5.8901500 7019043	602.76708 984375	1173.0517 578125	735.65881 34765625	0.0	78.555236 81640625	26.015163 42163086	548.82897 94921875	1166.4006 34765625	606.30206 29882812	0.0	64.010482 78808594	21.186359 40551757 8	941.5	220.732	2305	2272	2299	10T14:59: 34	2022-05- 10T15:44: 56 2022-05-		20220510-21
2666	nw_sup_c hange																			939.2	220.583	2400	2367	2396		10T15:44: 34		
2665	nw_inf_ch ange								1117 7552				24 779027						20.177865 98205566	937.9	219.836	2400	2367	2396	10T15:44: 34	10T15:44:		
2664	cnange	05957031	12695312			0.0				700.95288 0859375		74.880081 17675781	93884277 3 23.473052	523.14898 68164062 495.69598	1110.8234 86328125	577.86187 74414062	0.0	95800781	4	968.3	237.096	2400	2367	2396		10T14:59: 34		20220510-20
2663		39648437 5	72509766	62371826 2	0.0	0.0	95159912	09900938	10546875			70.932556 15234375	97851562 5	38867187 5	1051.4873 046875	547.47821 04492188	0.0	72000094	06872558 6		236.092	2400	2371	2401	10T13:25: 11	10T14:12: 22 2022-05-		20220510-19
2662	cnange	396.60665 89355469	93652344	04730224 6	0.0	0.0	5.0183715 8203125	513.97454 83398438	15722656 2	627.02203 36914062	0.0	66.994514 46533203	64184570 3	24023437 5	992.59588 62304688	517.33874 51171875	0.0	64208984 4	18.077276 2298584	961.3	233.493	2363	2330	2351	10T12:38: 40 2022-05-	10T13:25: 11		20220510-18
2661	nw_sup_c hange																			958.1	233.985	2400	2366	2388	10T13:24: 46	10T13:24: 46 2022-05-		
2660	nw_inf_ch ange	373.50482	70.400000	14.123315			4.7000004	404 44401	040.00704	F00 40FF0		62.00000	20.880250	444 40000	024 20452	407 40075		54 404070	17.046491	957.3	233.481	2400	2366	2388		10T13:24: 46		
2659				14.123315 81115722 7 13.277168		0.0	21826172	24511719	92382812			63.069660 18676758							17.046491 62292480 5 15.983057		237.547	2400	2366	2388	10T11:51: 27	10T12:38:		20220510-17
2658				13.277168 27392578 1 12.409733		0.0				554.01727 29492188		59.203868 8659668 55.276546							15.983057 02209472 7 14.939909		236.756	2401	2371	2393		10T11:51: 27		20220510-16
2657	reeling_ex change	20507812	69.590003 96728516	12.409733 77227783 2	0.0	0.0	4.1303119 65942383	424.14566 04003906	825.31158 44726562	517.19085 69335938	0.0	55.276546 47827148 4	18.291402 81677246	97851562 5	816.83972 16796875	69726562	0.0	45.158630 37109375	14.939909 93499755 9	948.0	226.792	2318	2284	2308	10T10:18:	10T11:04: 18		20220510-15

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2656	nw_sup_c hange																			944.9	224.514	2400	2364	2390	2022-05- 10T11:03: 53	2022-05- 10T11:03: 53		
2655	nw_inf_ch ange																			943.6	224.712	2400	2364	2390	2022-05- 10T11:03: 53	2022-05- 10T11:03: 53		
2654	reeling_ex change	304.74716 18652344	64.879943 84765625	11.568878 17382812 5	0.0	0.0	37033490	01021094	1790073	482.10211 18164062 5		45727539	08959961	360.85910 03417969	81835938	60546875	0.0	42.107822 41821289	13.922692 29888916	962.2	237.918	2400	2364	2390	2022-05- 10T09:31: 28	2022-05- 10T10:18: 42		20220510-14
2653	reeling_ex change	281.01138 30566406	59.827968 59741211	10.708085 06011962 9	0.0	0.0	3.5557878 01742553 7	365.65573 12011719	711.43743 89648438	445.77575 68359375	0.0	47.634113 31176758	15.773192 40570068 4	333.68777 46582031	701.87780 76171875	368.30932 6171875	0.0	38.898674 01123047	12.874754 90570068 4	972.2	240.619	2400	2369	2395	2022-05- 10T08:44: 18	2022-05- 10T09:31: 28		20220510-13
2652	reeling_ex change	258.05358 88671875	54.940254 21142578	9.8763904 5715332	0.0	0.0	3.2646009 92202759	335.50341 796875	652.75726 31835938	408.94448 85253906	0.0	43.739299 77416992	14.486359 59625244 1	306.54519 65332031	643.46661 37695312	338.33157 34863281	0.0	35.788803 10058594	11.827252 38800048 8	950.7	229.021	2313	2279	2301	47	10T08:44: 18		20220510-12
2651	nw_sup_c hange																			948.0	228.284	2400	2364	2388	2022-05- 10T08:43: 53	2022-05- 10T08:43: 53		
2650	nw_inf_ch ange																			946.7	226.852	2400	2364	2388	2022-05- 10T08:43: 53	2022-05- 10T08:43: 53		
2649	onango	4	01111011	9.0808906 55517578		0.0	4	67480469	6/5/8125			39.971366 88232422						00000111	3		240.068	2400	2364	2388	2022-05- 10T07:11: 35	2022-05- 10T07:58: 47		20220510-11
2648	reeling_ex change	213.04621 88720703	45.324337 00561523 4	8.1799716 94946289	0.0	0.0				336.74832 15332031			73002295	73095703	92382812	87792909	0.0	29.394044 87609863 3	9.7253141 40319824	966.9	239.134	2400	2371	2393	2022-05- 10T06:24: 23	2022-05- 10T07:11: 35		20220510-10
2647	reeling_ex change	189.90817 26074218 8	40.401187 89672851 6	7.3150987 62512207	0.0	0.0	2.4004087 44812011 7	246.21762 08496093 8	479.08435 05859375	300.11419 67773437 5	0.0			225.01974 48730468 8	472.18545 53222656	248.38298 03466797	0.0	26.245836 25793457	8.6873550 41503906	952.4	232.768	2328	2294	2317	2022-05- 10T05:38: 34	2022-05- 10T06:24: 23		20220510-09
2646	nw_sup_c hange																			949.3	232.251	2400	2366	2388	57	10T06:23: 57		
2645	nw_inf_ch ange																			948.0	229.52	2400	2366	2388	57	10T06:23: 57		
2644				6.4559254 64630127		0.0	92791748	66748047	421.93447 87597656	98535156	0.0	28.247613 90686035						00400001	7.6564474 10583496		241.001	2400	2366	2388	22	10T05:38: 34		20220510-08
2643				5.6065106 39190674		0.0				227.68870 54443359 4		24.391891 47949218 8						19.960985 18371582	6.6075792 31262207	970.9	240.237	2400	2373	2391	11	10T04:51: 22		20220510-07
2642	reeling_ex change	121.44190 97900390 6	25.766626 35803222 7	4.7335858 34503174	0.0	0.0	1.5298970 93772888 2	156.68083 19091797	304.87112 42675781	190.93315 12451172	0.0	20.487834 93041992 2	6.7655987 73956299	143.46974 18212890 6	299.32760 62011719	158.37875 36621093 8	0.0	16.732679 36706543	5.5324010 84899902	951.5	229.716	2335	2303	2328	13	10T04:04: 11		20220510-06
2641	nw_sup_c hange																			948.4	230.394	2400	2367	2393	45	10T04:03: 45		
2640	nw_inf_ch ange																			947.1	231.35	2400	2367	2393	45	10T04:03: 45		
2639	reeling_ex change	98.194732 66601562	4/090210	3.8228805 06515503	0.0	0.0				155.06965 63720703		16.604824 06616211						13.659627 91442871 1	4.5119423 86627197	970.9	238.2	2400	2367	2393	01	10T03:18: 13		20220510-05
2638	change	75.502853 39355469	09289550 8	2.9243826 86614990 2		0.0				118.40758 51440429 7		12.717174 53002929 7					0.0		89111328	970.5	235.157	2400	2373	2396	50	10T02:31: 01		20220510-04
2637	reeling_ex change	51.101188 65966797	10.816603 66058349 6	1.9766300 91667175 3	0.0	0.0	0.6480439 30530548 1	67.261764 52636719	130.92156 98242187 5	81.954437 25585938	0.0	8.7694559 09729004	2.9003598 69003296	61.610977 17285156	127.46111 29760742 2	68.042991 6381836	0.0	7.2265725 13580322	2.3674702 64434814 5	946.2	227.788	2284	2247	2274	2022-05- 10T00:58: 53	2022-05- 10T01:43: 50		20220510-03
2636	nw_sup_c hange																			940.0	225.228	2400	2361	2389	26	10T01:43: 26		
2635	nw_inf_ch ange																			939.2	224.726	2400	2361	2389	26	10T01:43: 26		
2634	reeling_ex change	28.779083 25195312 5	6.0889339 44702148	1.1178050 04119873	0.0	0.0				46.796909 33227539		5.0131773 94866943						4.1395773 88763428	1.3527538 77639770 5	966.9	239.855	2400	2361	2389	42	10T00:58: 53		20220510-02
2633	reeling_ex change	6.0549011 23046875	1.2752488 85154724 1	0.2336236 98353767 4	0.0	0.0	0.0800614 95304107 67	8.1168975 83007812	15.782779 69360351 6	9.8446645 73669434	0.0	1.0640070 43838501	0.3591609 89522933 96	7.4896683 69293213	15.551372 52807617 2	8.3022861 48071289	0.0		0.2775434 55362319 95	968.3	239.404	2400	2365	2392	2022-05- 09T23:24: 30	2022-05- 10T00:11: 42		20220510-01

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2632	reeling_ex change	469.77166 74804687 5	94.004699 70703125	16.840805 05371093 8	0.0	0.0	5.8371367 45452881	755.51708 984375	1252.9593 50585937 5	479.90975 95214844	0.0	77.652389 52636719	25.759452 81982422	678.86395 26367188	1188.6002 19726562 5	391.13977 05078125	0.0	62.842872 61962890 6	20.718803 40576172	956.8	232.265	2347	2307	2337		2022-05- 09T23:24: 30		20220509-24
2631	nw_sup_c hange																			953.7	230.927	2127	2094	2121		2022-05- 09T23:24: 08		
2630	nw_inf_ch ange																			953.3	229.76	2127	2094	2121	2022-05- 09T23:24: 08	2022-05- 09T23:24: 08		
2629	reeling_ex change	447.01724 24316406	89.136146 54541016	15.965319 63348388 7	0.0	0.0	5.5514497 75695801	726.47644 04296875	1196.4224 85351562 5	444.50457 76367187 5	0.0	73.900077 81982422	24.497558 59375	652.24737 54882812	1133.0708 0078125	361.72708 12988281	0.0	30393306	4		211.628	2127	2094	2121	2022-05- 09T21:56: 37	2022-05- 09T22:38: 22		20220509-23
2628	change	426.09823 60839844	40300072	7		0.0	5.2893743 51501465	699.62854 00390625	1144.1719 97070312 5	411.82342 52929687 5	0.0	70.411453 24707031	23.348039 62707519 5	627.84442 13867188	1082.5383 30078125	334.81811 5234375	0.0	56.837608 33740234 4	18.724691 39099121	482.3	52.5117	542	535	542	2022-05- 09T19:58: 38	2022-05- 09T21:56: 37		20220509-22
2627	state_wor king	403.11727 90527344	79.820587 15820312	14.290820 12176513 7	0.0	0.0	4.9968748 09265137	674.99212 64648438	1096.5181 88476562 5	382.41567 99316406	0.0	67.252861 02294922	22.305541 9921875	605.14666 74804688	1037.8189 69726562 5	310.14648 4375	0.0	54.220191 95556640 6	17.858785 62927246	211.5	3.43951	2118	2085	2111	2022-05- 09T19:59: 37	2022-05- 09T19:59: 37		
2626	state_start	403.11727 90527344	79.820587 15820312	14.290820 12176513 7	0.0	0.0	4.9968748 09265137	674.99212 64648438	1096.5181 88476562 5	382.41567 99316406	0.0	67.252861 02294922	22.305541 9921875	605.14666 74804688	1037.8189 69726562 5	310.14648 4375	0.0	54.220191 95556640 6	17.858785 62927246	188.9	1.17667	2118	2085	2111	09T19:59:	2022-05- 09T19:59: 37		
2625	state_stop	403.11727 90527344	79.820587 15820312	14.290820 12176513 7	0.0	0.0	4.9968748 09265137	674.99212 64648438	1096.5181 88476562 5	382.41567 99316406	0.0	67.252861 02294922	22.305541 9921875	605.14666 74804688	1037.8189 69726562 5	310.14648 4375	0.0	54.220191 95556640 6		188.7	1.26398	2118	2085	2111	2022-05- 09T19:59: 37	2022-05- 09T19:59: 37		
2624	state_start	403.11727 90527344	79.820587 15820312	14.290820 12176513 7	0.0	0.0	4.9968748 09265137	674.99212 64648438	1096.5181 88476562 5	382.41567 99316406	0.0	67.252861 02294922	22.305541 9921875	605.14666 74804688	1037.8189 69726562 5	310.14648 4375	0.0	54.220191 95556640 6	17.858785 62927246	189.9	1.08341	2118	2085	2111	2022-05- 09T19:59: 37	2022-05- 09T19:59: 37		
2623		403.11727 90527344	70 000507	14.290820		0.0	4.9968748 09265137	674.99212 64648438	1096.5181 88476562 5	382.41567 99316406	0.0	67.252861 02294922	22.305541 9921875	605.14666 74804688	1037.8189 69726562 5	310.14648 4375	0.0	54.220191 95556640 6	17.858785 62927246	909.7	189.276	2118	2085	2111	2022-05- 09T19:16: 58	2022-05- 09T19:58: 38		20220509-21
2622	reeling_ex change	384.96014 40429687 5	76.231544 4946289	13.609562 87384033 2	0.0	0.0	4.7754325 86669922	643.10815 4296875	1044.7482 91015625	364.35559 08203125	0.0	64.048835 75439453	21.240308 76159668	575.83911 1328125	989.78649 90234375	295.14770 5078125	0.0	90844726	17.007640 83862304 7	948.0	204.519	2306	2260	2289	2022-05- 09T18:31: 36	2022-05- 09T19:16: 58		20220509-20
2621	nw_sup_c hange																			944.5	203.189	2400	2352	2382	2022-05- 09T19:16: 36	2022-05- 09T19:16: 36		
2620	nw_inf_ch ange																			943.6	202.741	2400	2352	2382	2022-05- 09T19:16: 36	2022-05- 09T19:16: 36		
2619	reeling_ex change	363.62237 54882812 5	72.001304 62646484	12.809986 11450195 3	0.0	0.0	4.5027198 79150391	607.96313 4765625	987.64221 19140625	344.44784 54589844	0.0	51611328	88659668	543.76287 84179688	18004688	73730469		48.768581 39038086	16.060699 46289062 5	968.4	213.545	2400	2352	2382	2022-05- 09T17:44: 23	2022-05- 09T18:31: 36		20220509-19
2618		341.90859 98535156				0.0	4.2381525 03967285	571.37207 03125	928.19537 35351562	323.73013 30566406	0.0	56.953144 07348633	18.873470 30639648 4	510.80935 66894531	882.86889 6484375	261.84481 81152344	0.0	45.789348 60229492	15.076364 51721191 4	971.3	214.736	2400	2358	2390		2022-05- 09T17:44: 23		20220509-18
2617	reeling_ex change	319.50976 5625	63.300495 14770508	11.179916 38183593 8	0.0	0.0	3.9634051 32293701	534.84808 34960938	868.83654 78515625	303.03854 37011719	0.0	53.260940 55175781	17.673599 24316406 2	477.26574 70703125	827.81951 90429688	244.67924 49951172	0.0	94335937	14.110261 91711425 8	859.0	169.149	1903	1866	1890	2022-05- 09T16:19: 46	2022-05- 09T16:57: 14		20220509-17
2616	nw_sup_c hange																			855.9	166.978	2099	2063	2087		2022-05- 09T16:56: 48		
2615	nw_inf_ch ange																			854.1	167.643	2099	2063	2087	2022-05- 09T16:56: 48	2022-05- 09T16:56: 48		
2614	reeling_ex change	302.60891 72363281	59.930068 96972656	10.556205 74951171 9	0.0	0.0	4	63378906	84375				16.722640 99121093 8	450.86297 60742187 5	784.53167 72460938	231.17427 06298828	0.0		13.333017 34924316 4	901.8	187.554	2099	2063	2087	2022-05- 09T15:38: 34	2022-05- 09T16:19: 46		20220509-16
2613	King		99707031	89892578		0.0	5	46464375	09179088			0130310	14440510	421.78842 16308594	02/040/0	6		35742187	12.468639 37377929 7	580.9	74.5954	923	910	921	2022-05- 09T15:55: 29	2022-05- 09T15:55: 29		
2612	state_wor king	283.20104 98046875	56.095046 99707031	9.8365058 89892578	0.0	0.0				268.63235 47363281		47.185558 3190918							12.468639 37377929 7	580.5	74.4172	923	910	921	2022-05- 09T15:55: 29	09T15:55:		
2611	change	283.20104 98046875	99707031	89892578		0.0	3.5140135 28823852 5	474.14001 46484375	770.17694 09179688	268.63235 47363281	0.0	47.185558 3190918	15.675001 14440918	421.78842 16308594	736.68103 02734375	216.27455 13916015 6	0.0	35742187	12.468639 37377929 7	410.4	81.1555	923	910	921		2022-05- 09T15:38: 34		20220509-15
2610		273.61529 54101562 5				0.0				259.64282 2265625		45.609703 06396484 4						24755859 4	12.039018 63098144 5		22.0846	272	266	270	2022-05- 09T14:32: 57	2022-05- 09T14:56: 38		20220509-14
2609	reeling_ex change	267.51470 94726562 5	53.030502 31933594	9.2402791 97692871	0.0	0.0	3.3167612 55264282 2	452.42599 48730469	734.90222 16796875	256.33319 09179687 5	0.0	45.028854 37011719	14.947925 56762695 3	402.36962 890625	703.20367 43164062	206.31172 18017578	0.0	36.101543 42651367	11.896253 58581543	890.3	180.384	2043	2010	2034	2022-05- 09T13:34: 25	2022-05- 09T14:32: 57		20220509-13

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2608	reeling_ex change	249.28112 79296875	49.454627 99072265 6	8.5493240 35644531	0.0	0.0	3.0852553 84445190 4	421.85577 39257812 5	685.24206 54296875	239.01109 31396484 4	0.0	42.019615 17333984 4	13.923110 00823974 6	375.54330 44433594	655.06506 34765625	192.54891 96777343 8	0.0	33.690666 19873047	11.101189 61334228 5	948.9	199.506	2310	2271	2298		2022-05- 09T13:34: 25		20220509-12
2607	nw_sup_c hange																			944.9	200.651	2414	2372	2400		2022-05- 09T13:33: 40		
2606	nw_inf_ch ange																			943.6	199.669	2414	2372	2400	2022-05- 09T13:33: 40	2022-05- 09T13:33: 40		
2605				7.8515181 54144287		0.0	2.8345227 24151611 3	387.67321 77734375	629.68713 37890625	219.62849 42626953	0.0	38.625572 20458984 4	12.808280 94482421 9	345.45736 69433594	601.22552 49023438	177.14442 44384765 6	0.0	30.997354 50744629	10.227991 10412597 7	975.9	213.997	2414	2372	2400	2022-05- 09T11:19: 08	2022-05- 09T12:28: 15		20220509-11
2604	reeling_ex change	207.95738 22021484 4	41.220108 03222656	7.1459374 42779541	0.0	0.0	2.5802030 56335449	351.89703 36914062 5	571.56292 72460938	199.35713 19580078	0.0	39404297	55065918	314.08364 86816406	4140625	14648437 5		28.198703 76586914	9.2795543 6706543	975.3	213.285	2414	2375	2403		2022-05- 09T11:19: 08		20220509-10
2603	reeling_ex change	186.29762 26806640 6	36.919818 87817383	6.3993062 97302246	0.0	0.0	2.3088080 88302612 3	316.32638 54980469	513.74859 61914062	179.19381 71386718 8	0.0	31.495117 1875	10.450956 34460449 2	282.50961 30371094	488.59274 29199219	144.89834 59472656 2	0.0		8.3364057 54089355	949.8	200.824	2290	2248	2278	2022-05- 09T09:04: 28	2022-05- 09T10:10: 04		20220509-09
2602	nw_sup_c hange																			945.8	201.325	2414	2369	2400	2022-05- 09T10:09: 24	2022-05- 09T10:09: 24		
2601	nw_inf_ch ange																			944.5	200.878	2414	2369	2400	2022-05- 09T10:09: 24	2022-05- 09T10:09: 24		
2600	reeling_ex change	166.29513 54980468 8	32.957523 34594726 6	5.7158250 80871582	0.0	0.0			90527344			28.111009 59777832	9.3257637 02392578	252.49560 546875	435.82635 49804687 5	129.48745 72753906 2	0.0	22.709897 99499511 7	7.4483022 68981934	977.0	211.149	2414	2369	2400	2022-05- 09T07:55: 21	2022-05- 09T09:04: 28		20220509-08
2599	reeling_ex change	146.21273 80371093 8	28.938455 58166504	5.0169348 71673584	0.0	0.0	1.8062270 87974548 3	245.95603 94287109 4	399.46774 29199219	139.30372 61962890 6	0.0	24.473857 87963867 2	8.1228399 2767334	220.95713 80615234 4	380.80572 50976562 5	113.31462 09716796 9	0.0	19.855785 36987304 7	6.5127253 53240967	977.6	213.032	2414	2375	2405	2022-05- 09T06:46: 17	2022-05- 09T07:55: 21		20220509-07
2598	reeling_ex change	124.28238 67797851 6	24.585504 53186035	4.2643389 70184326	0.0	0.0	1.5341843 36662292 5	210.35289 00146484 4	341.64282 2265625	119.15299 98779296 9	0.0	20.971662 52136230 5	6.9525084 49554443	189.17729 18701172	325.26525 87890625	97.012710 57128906	0.0	17.016517 63916015 6	5.5885548 59161377	950.7	204.913	2298	2260	2284	09T05:40:	2022-05- 09T06:46: 17		20220509-06
2597	nw_sup_c hange																			946.2	204.325	2414	2374	2397	2022-05- 09T06:45: 37	2022-05- 09T06:45: 37		
2596	nw_inf_ch ange																			945.8	202.32	2414	2374	2397		2022-05- 09T06:45: 37		
2595	reeling_ex change	70800781	76416015	3.5874602 79464721 7	0.0	0.0	9	6	12207031			8	92236328		5	12890625		14.290777 20642089 8	4.6952562 33215332	974.9	216.541	2414	2374	2397	2022-05- 09T04:31: 19	2022-05- 09T05:40: 26		20220509-05
2594	onango	00110201	3	2.8728184 70001220 7		0.0	3	5/801328	83154297			13.956130 02777099 6	4.6600623 13079834	126.93888 85498046 9	216.53942 87109375	65.109458 92333984	0.0	17285156	3.7503952 98004150 4	978.4	212.002	2414	2379	2402		2022-05- 09T04:31: 19		20220509-04
2593	reeling_ex change	62.693931 57958984 4	12.331967 3538208	2.1334724 42626953	0.0	0.0	0.7755964 99443054 2	104.74655 15136718 8	170.13798 52294922	59.313369 75097656	0.0	10.421683 31146240 2	3.4825477 60009765 6	95.050750 73242188	161.50563 04931640 6	48.747276 30615234 4	0.0	8.5190362 93029785	2.8159430 02700805 7	957.7	205.17	2327	2289	2312	2022-05- 09T02:15: 45	2022-05- 09T03:22: 21		20220509-03
2592	nw_sup_c hange																			953.3	203.241	2414	2377	2397		2022-05- 09T03:21: 41		
2591	nw_inf_ch ange																			952.4	202.593	2414	2377	2397	2022-05- 09T03:21: 41	2022-05- 09T03:21: 41		
2590	reeling_ex change	41.831531 5246582	8.1655063 62915039	1.4255369 90165710 4	0.0	0.0				95605469	0.0	7.0532026 29089355 5	2.3336691 85638427 7	63.779830 93261719	108.52846 52709961	32.713001 2512207	0.0	5.7203326 22528076	1.8884525 29907226 6	978.0	212.943	2414	2377	2397	2022-05- 09T01:06: 38	2022-05- 09T02:15: 45		20220509-02
2589	change	20.935323 71520996	14147949	5		0.0	0.2642691 43342971 8	34.735515 59448242	56.439990 99731445	19.671724 31945800 8	0.0	3.4675841 33148193 4	1.1327384 71031189	31.144302 36816406 2	53.445938 11035156	15.985747 33734130 9	0.0	2.8009808 06350708	0.9345678 09104919 4	974.9	210.89	2414	2384	2410	2022-05- 08T23:57: 34	2022-05- 09T01:06: 38		20220509-01
2588	reeling_ex change	446.72442 62695312 5	87.138961 79199219	17.031501 77001953	0.0	0.0	5.5493593	751.41247		566.96575		73.354972 83935547	24.252424 24011230 5	664.24053 95507812	1008.6558 83789062 5	454.09048 46191406	0.0	58.022556 30493164	19.163282 39440918	956.4	203.59	2325	2280	2312	2022-05- 08T22:50: 57	08T23:57:		20220508-22
2587	nw_sup_c hange																			951.9	202.076	2414	2371	2402	2022-05- 08T23:56: 51	2022-05- 08T23:56: 51		
2586	nw_inf_ch ange																			950.7	201.103	2414	2371	2402	2022-05- 08T23:56: 51	2022-05- 08T23:56: 51		
2585	reeling_ex change	426.25723 26660156	83.168037 41455078	16.330593 10913086	0.0	0.0	5.2905368 80493164	717.28192 13867188	971.62677 00195312	547.65576 171875	0.0	69.954132 08007812	23.125123 97766113 3	633.01232 91015625	955.25830 078125	438.06893 92089844	0.0	55.273231 50634765 6	18.241855 62133789	971.4	214.012	2414	2371	2402	2022-05- 08T21:41: 50	2022-05- 08T22:50: 57		20220508-21

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
2584	reeling_ex change	404.23376 46484375	78.908378 60107422	15.534817 69561767 6		0.0	5.0184307 09838867	681.27819 82421875	913.13745 1171875	527.26312 25585938	0.0	66.349555 96923828	21.925985 33630371	601.53857 421875	899.68389 89257812	421.95278 93066406	0.0		17.330924 98779297	971.4	215.552	2414	2374	2405	2022-05- 08T20:32: 45	2022-05- 08T21:41: 50		20220508-20
2583	reeling_ex change	382.23733 52050781	74.628341 67480469	14.789373 39782714 8	0.0	0.0	4.7566308 97521973	645.51617 43164062	855.04528 80859375	507.01907 34863281	0.0	62.762851 71508789	20.765800 47607422	570.56616 2109375	843.55926 51367188	406.05322 265625	0.0	49.712715 14892578	16.405864 71557617 2	941.4	200.73	2274	2231	2262	2022-05- 08T19:27: 38	2022-05- 08T20:32: 45		20220508-19
2582	nw_sup_c hange																			937.4	198.269	2213	2171	2201	2022-05- 08T20:32: 01	2022-05- 08T20:32: 01		
2581	nw_inf_ch ange																			936.1	197.825	2213	2171	2201	2022-05- 08T20:32: 01	2022-05- 08T20:32: 01		
2580	change	19824219	16845703			0.0	62084961	34179688	5/4218/5			50040025	05090332	87890625	789.32513 42773438	08309370	0.0	47.022449 4934082	15.526362 41912841 8	931.7	202.679	2213	2171	2201	2022-05- 08T18:24: 23	2022-05- 08T19:27: 38		20220508-18
2579	reeling_ex change	340.16983 03222656	66.375602 72216797	13.158198 35662841 8	0.0	0.0	4.2322602 27203369	577.41015 625	744.44451 90429688	468.43960 57128906	0.0				5			44.435310 36376953	14.666097 64099121 1	232.2	5.96318	81	79	80		2022-05- 08T18:24: 23		20220508-17
2578	reeling_ex change	339.43722 53417969	66.241470 33691406	13.121497 15423584	0.0	0.0	2913208	77929688	57617188		0.0	12192383	94885254	95019531	734.30151 3671875	58300781		11200403			206.262	2314	2277	2311	2022-05- 08T17:15: 50	2022-05- 08T18:21: 57		20220508-16
2577	criarige	310/4219	30370900			0.0	6	30078125	17 1875						678.53564 453125			41.544109 34448242	13.721272 46856689 5	393.0	28.3593	317	315	319	2022-05- 08T15:30: 16	2022-05- 08T17:15: 50		20220508-15
2576	reeling_ex change	293.25970 45898437 5	57.257793 42651367	11.362304 6875	0.0	0.0	3.6536743 64089966	516.12915 0390625	645.00744 62890625	433.60571 2890625	0.0	49.860618 59130859 4	16.487466 81213379	458.10528 56445312 5	640.99523 92578125	348.29177 85644531	0.0	56103515	13.100475 31127929 7	961.2	225.161	2380	2370	2370	56	08T15:30: 16		20220508-14
2575	nw_sup_c hange																			961.2	225.161	2414	2403	2403	06	08T15:30: 06		
2574	nw_inf_ch ange																			959.9	225.877	2414	2403	2403	06	08T15:30: 06		
2573	change	5	4	10.494034 76715087 9		0.0				400.99606 32324219		5	2	3313023	592.49578 85742188	5		107 40047	12.125416 75567627		230.222	2414	2403	2403	50	08T14:21: 56		20220508-13
2572				9.6309232 711792		0.0	79309082	09375	33789062			12903007	14042334	32128906	543.29479 98046875	04785156		30003010		971.8	229.666	2414	2405	2405	46	08T13:12: 50		20220508-12
2571	reeling_ex change	225.16519 16503906 2	43.843334 19799805	8.7819776 53503418	0.0	0.0	2.8037388 32473755	399.06488 03710937 5	498.71246 33789062 5	335.24685 66894531	0.0	38.552707 67211914	12.744706 15386962 9	355.33944 70214844	495.44534 30175781	270.24548 33984375	0.0	63598632	10.171497 34497070 3	966.9	223.461	2402	2391	2391	58	08T12:03: 46		20220508-11
2570	nw_sup_c hange																			963.4	221.865	2414	2400	2399	06	08T12:03: 06		
2569	nw_inf_ch ange																			962.6	221.85	2414	2400	2399	06	08T12:03: 06		
2568				7.9263963 69934082		0.0				303.39373 77929687 5					29589844			6	61950684		221.543	2414	2400	2399	51	08T10:54: 58		20220508-10
2567	criarige	00232422	10004236	7.0839071 27380371		0.0				271.58020 01953125		31.187808 99047851 6					0.0	25.037790 29846191 4	8.2452144 62280273	973.1	220.945	2414	2404	2403	08T08:36: 47	2022-05- 08T09:45: 51		20220508-09
2566	reeling_ex change	161.18661 49902343 8	31.388750 07629394 5	6.2462825 77514648	0.0	0.0	1.9995274 54376220 7	285.74322 50976562 5	357.16189 57519531	240.01054 38232422	0.0	27.569025 03967285	9.1267576 21765137	254.73045 34912109 4	353.47683 71582031	193.81861 87744140 6	0.0		7.2960414 88647461	973.1	220.021	2402	2392	2392	58	08T08:36: 47		20220508-08
2565	nw_sup_c hange																			969.2	217.928	2414	2405	2403	06	08T08:36: 06		
2564	nw_inf_ch ange																				215.823	2414	2405	2403	06	08T08:36: 06		
2563	change	91748047	/0900332	5.4168848 99139404		0.0				208.50726 31835937 5	0.0	3	5	6	306.53265 38085937 5	30126953		0007 1302	6.3479351 99737549		220.047	2414	2405	2403	08T06:18: 52	2022-05- 08T07:27: 58		20220508-07
2562	change	9	4	4.6256818 77136230 5		0.0	50134277 3	38867187 5	5	29492187 (5					259.01187 13378906			16.340255 73730468 8			220.432	2414	2407	2405	08T05:09: 47	2022-05- 08T06:18: 52		20220508-06
2561	reeling_ex change	97.093505 859375	19.016492 84362793	3.8047986 03057861 3	0.0	0.0	1.1935178 04145813	172.25422 66845703	215.30090 33203125	144.72604 37011718 8	0.0	16.625446 31958007 8	5.4829092 02575684	154.52586 36474609 4	210.58985 90087890 6	117.66651 91650390 6	0.0	13.403946 87652587 9	4.4219617 84362793	966.5	215.438	2366	2357	2357		2022-05- 08T05:09: 47		20220508-05

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2560	nw_sup_c hange																			963.0	214.067	2414	2405	2405	2022-05- 08T05:09: 07	2022-05- 08T05:09: 07		
2559	nw_inf_ch ange																			961.7	213.699	2414	2405	2405	2022-05- 08T05:09: 07	2022-05- 08T05:09: 07		
2558	change	91002/34	3/6//002			0.0	44542694 1	90820312 5	4	95556640 (6		13.009950 63781738 3	4.2933087 34893799	121.19100 18920898 4	164.13995 36132812 5	92.278442 3828125	0.0	7	3.4571771 6217041		223.86	2414	2405	2405	2022-05- 08T02:52: 54	2022-05- 08T04:02: 01		20220508-04
2557	reeling_ex change	54.576892 8527832	10.675408 36334228 5	2.1716594 69604492	0.0	0.0	0.6701338 88721466 1	96.275398 25439453	120.36257 17163086	80.902832 03125	0.0			86.628120 42236328				7.5234179 49676514	2.4794332 98110962	976.2	223.168	2414	2409	2411	2022-05- 08T01:43: 50	2022-05- 08T02:52: 54		20220508-03
2556	reeling_ex change	33.018714 90478515 6	6.4164280 89141846	1.3208303 45153808 6	0.0	0.0	0.3993379 17566299 44	57.934906 00585937 5	72.417831 42089844	48.671592 71240234 (4	0.0	5.5625543 59436035	1.8279062 50953674 3	51.578052 52075195	70.194572 44873047	39.262687 68310547	0.0	4.5104894 63806152	1.4636100 53062439	974.2	223.468	2397	2384	2390	2022-05- 08T00:35: 08	2022-05- 08T01:43: 50		20220508-02
2555	nw_sup_c hange																			968.3	219.996	2414	2400	2411	2022-05- 08T01:43: 07	2022-05- 08T01:43: 07		
2554	nw_inf_ch ange																			967.4	219.436	2414	2400	2411	2022-05- 08T01:43: 07	2022-05- 08T01:43: 07		
2553	reeling_ex change	11.441647 52960205	2.2279143 33343506	0.4557305 57441711 4	0.0	0.0	0.1389897 16768264 77	20.151456 83288574 2	25.185953 14025879	16.921669 00634765 6	0.0	62922668	52668762	17.536727 90527343 8	17834472		0.0	86047363	0.4899929 16584014 9	974.5	221.451	2414	2400	2411	2022-05- 07T23:26: 03	2022-05- 08T00:35: 08		20220508-01
2552	reeling_ex change	453.65826 41601562 5	57.650085 44921875	16.620500 56457519 5	0.0	0.0	5.2935209 27429199	816.90838 62304688	993.79760 7421875	529.73736 57226562	0.0	72.980461 12060547	24.177001 953125	719.30242 91992188	966.60607 91015625	423.28176 87988281	0.0	57.677890 77758789		972.7	219.106	2414	2405	2409	2022-05- 07T22:16: 58	2022-05- 07T23:26: 03		20220507-18
2551	reeling_ex change	432.08410 64453125	53.455833 43505859 4	15.807697 29614257 8	0.0	0.0	5.0244364 73846435 5	778.56781 00585938	945.88842 7734375	497.50866 69921875	0.0	69.270599 36523438	22.934900 28381347 7	685.58642 578125	920.37451 171875	397.63616 94335937 5	0.0	54.732906 34155273 4	18.145114 89868164	966.5	218.405	2396	2386	2387	2022-05- 07T21:08: 22	2022-05- 07T22:16: 58		20220507-17
2550	nw_sup_c hange																			962.1	218.546	2414	2403	2404		2022-05- 07T22:16: 16		
2549	nw_inf_ch ange																			961.2	218.007	2414	2403	2404	2022-05- 07T22:16: 16	2022-05- 07T22:16: 16		
2548		95507812 5		65716552 7		0.0	4.7596440 31524658	740.25329 58984375	898.01165 77148438	465.30245 97167969	0.0	65.560638 42773438	21.711790 08483886 7	651.48321 53320312	873.40124 51171875	371.67474 36523437 5	0.0	51.788188 93432617	17.169824 60021972 7	970.9	222.919	2414	2403	2404	2022-05- 07T19:59: 15	2022-05- 07T21:08: 22		20220507-16
2547	reeling_ex change	387.24533 08105469	44.782291 41235351 6	14.056876 18255615 2	0.0	0.0	4.4718685 15014648	701.22125 24414062	849.23022 4609375	432.50070 19042969	0.0	5	3	617.16888 42773438	3000-1000	5	0.0	48.838317 87109375	16.158580 78002929 7	967.4	225.87	2414	2406	2405	2022-05- 07T18:50: 09	2022-05- 07T19:59: 15		20220507-15
2546	reeling_ex change	364.44802 85644531	40.346336 36474609 4	13.172627 44903564 5	0.0	0.0	4.1932115 55480957	662.73852 5390625	801.12890 625	400.10467 52929687 (5	0.0	58.048458 09936523 4	19.266054 15344238 3	582.75439 453125	779.14538 57421875	319.35946 65527344	0.0		15.174672 12677002	965.2	222.791	2388	2378	2373	2022-05- 07T17:41: 45	2022-05- 07T18:50: 09		20220507-14
2545	nw_sup_c hange																			961.7	221.643	2414	2404	2401	2022-05- 07T18:49: 30	2022-05- 07T18:49: 30		
2544	nw_inf_ch ange																			960.3	221.172	2414	2404	2401	2022-05- 07T18:49: 30	2022-05- 07T18:49: 30		
2543				24383343		0.0	3.9170365 33355713	624.06396 484375	752.79125 9765625	367.56204 22363281	0.0	6	2	548.61810 30273438	76953125	8125	0.0	42.922531 12792969	14.197939 8727417	970.0	226.716	2414	2404	2401	2022-05- 07T16:32: 39	2022-05- 07T17:41: 45		20220507-13
2542	reeling_ex change	320.07363 89160156	31.720966 33911132 8	11.466419 21997070 3	0.0	0.0	7	13085938		60839844	0.0	50.537471 77124023 4	16.772872 92480468 8	513.83117 67578125	684.47576 90429688	266.95639 03808594	0.0	96630859	13.212400 43640136 7	971.4	227.025	2413	2426	2423	2022-05- 07T15:23: 34	2022-05- 07T16:32: 39		20220507-12
2541	reeling_ex	297.30541		10.596680 64117431 6		0.0	3.3540408 61129760 7	546.30145 26367188	655.55480 95703125	302.13046 26464844	0.0	46.784217 83447265 6	15.537918 09082031 2	479.02990 72265625	636.47833 25195312	240.43850 70800781 2	0.0		12.219770 43151855 5		216.885	2310	2317	2316	2022-05- 07T14:17: 26	2022-05- 07T15:23: 34		20220507-11
2540	nw_sup_c hange																			937.9	213.231	2173	2179	2178	2022-05- 07T15:22: 55	07T15:22:		
2539	nw_inf_ch ange																			937.0	215.071	2173	2179	2178	2022-05- 07T15:22: 55	2022-05- 07T15:22: 55		
2538	reeling_ex change	275.51608 27636719	22.938970 5657959	9.7428064 34631348	0.0	0.0				271.67431 640625		43.305362 70141601 6	14.387166 97692871 1	446.49368 28613281	591.85125 73242188	215.71722 41210937 5	0.0	34.111312 86621094	11.275653 83911132 8	918.1	197.06	2173	2179	2178	2022-05- 07T13:15: 12	2022-05- 07T14:17: 26		20220507-10
2537	reeling_ex change	256.03384 39941406	19.171861 64855957	8.9861373 90136719	0.0	0.0	2.8375613 68942260 7	475.66436 76757812 5	567.21905 51757812	242.71635 43701172	0.0	40.022144 31762695	13.287773 13232421 9	415.93902 58789062 5	549.95556 640625	192.48733 52050781 2			10.398666 38183593 8		197.406	2173	2181	2179	2022-05- 07T12:13: 04	2022-05- 07T13:15: 12		20220507-09

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2536	reeling_ex change		15.362264 63317871 1	8.2289438 24768066	0.0	0.0	2.5965940 95230102 5	440.51223 75488281	523.30572 50976562	213.17625 42724609 4	0.0	36.612403 86962890 6	12.163238 52539062 5	384.85272 21679687 5	507.32861 328125	168.84948 73046875	0.0	28.783292 77038574 2	9.5300836 56311035	487.5	51.4375	577	572	573	2022-05- 07T11:00: 34	2022-05- 07T12:13: 04		20220507-08
2535	reeling_ex change	220.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	930.0	230.0	2380	2340	2341	2022-05- 07T10:00	07T10:50		20220507-07
2534	reeling_ex change	220.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	930.0	230.0	2380	2340	2341	2022-05- 07T10:00	07T10:50		20220507-06
2533	reeling_ex change	220.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	930.0	230.0	2380	2340	2341	2022-05- 07T10:00	07T10:50		20220507-05
2532	reeling_ex change	220.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	930.0	230.0	2380	2340	2341	2022-05- 07T10:00 2022-05-	07T10:50		20220507-04
2531	reeling_ex change	220.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	930.0	230.0	2380		2341	07T10:00 2022-05-	07T10:50		20220507-03
2530	reeling_ex change reeling_ex	220.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	930.0	230.0	2380		2341	07T10:00 2022-05-	07T10:50		20220507-02
2524	change reeling_ex	220.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	930.0	230.0	2380		2341	07T10:00 2022-05-	07T10:50		
2523	change	220.0 220.59478	100.0	100.0	100.0	100.0	100.0 2.4056050	100.0 426.78802	100.0 506.18731		100.0	100.0	100.0	100.0	100.0 489.40789	100.0 158.93821	100.0	100.0 27.691253	100.0	930.0	230.0	2380	2340	2341	07T10:00 2022-05-	07T10:50		
2520	state_stop	75976562 5		7.6127057 07550049		0.0		49023437	68945312		0.0	35.263889 31274414	11.710571 2890625	371.81277 46582031	79492187 5		0.0	00040007	9.1479539 87121582	177.8	0.273502	2383	2341	2328		07T11:00: 42		
2519	nw_sup_c hange																			969.1	217.194	2394	2349	2336	2022-05- 07T11:00: 42			
2518	nw_inf_ch ange																			959.9	216.433	2394	2349	2336	2022-05- 07T11:00: 31			
2511	nw_sup_c hange																			947.1	210.917	2404	2358	2343	2022-05- 07T07:34: 30			
2510	nw_inf_ch ange																			946.2	210.458	2404	2358	2343	2022-05- 07T07:34: 30	2022-05- 07T07:34: 30		
2503	nw_sup_c hange																			951.5	210.04	2414	2365	2353	2022-05- 07T04:09: 55			
2502	nw_inf_ch ange																			950.7	210.803	2414	2365	2353	2022-05- 07T04:09: 55			
2497	reeling_ex change	33323323	0.8972612 02335357 7	0.5301190 01865387	0.0	0.0	0.1693557 50083923 34		35.878036 49902344	14.293989 18151855 5	0.0	2.4906504 15420532 2	0.8498728 87134552	26.316322 32666015 6	34.599060 05859375	11.265321 73156738 3	0.0		0.6415884 49478149 4	993.4	230.817	2520	2465	2460	2022-05- 06T23:33: 29	2022-05- 07T00:45: 41		20220507-01
2496	nw_sup_c hange																			989.4	229.453	2374	2321	2314	2022-05- 07T00:44: 56			
2495	nw_inf_ch ange																			988.6	229.21	2374	2321	2314	2022-05- 07T00:44: 56			
2488	nw_sup_c hange																			941.0	209.833	2414	2360	2348	2022-05- 06T21:16: 55			
2487	nw_inf_ch ange																			939.6	209.274	2414	2360	2348	2022-05- 06T21:16: 55	2022-05- 06T21:16: 55		
2486		391.74276 73339844		13.483478 54614257 8		0.0	5	30443312	921.75567 62695312	12/92909		57080078	8482666	5859375	884.81060 79101562	36230469	0.0	84594726 6	15.476241 11175537 1		222.168	2414	2360	2348	2022-05- 06T19:02: 50			
2483	reeling_ex change	339.08731 07910156	43.232967 37670898 4	11.709593 77288818 4	0.0	0.0	4.0000510 21575928	574.85729 98046875	813.18975 83007812	300.14010 62011719	0.0	52.735675 81176758	17.472961 42578125	499.27740 47851562 5	782.13366 69921875	235.86038 20800781 2	0.0	41.038017 27294922	13.535446 16699218 8	943.4	212.444	2321	2272	2254	2022-05- 06T16:47: 16	06T17:53:		20220506-15
2482	nw_sup_c hange																			937.9	211.422	2414	2370	2344	2022-05- 06T17:53: 05	06T17:53:		
2481	nw_inf_ch ange																			936.5	210.848	2414	2370	2344	2022-05- 06T17:53: 05	06T17:53:		
2476	reeling_ex change	260.82104 4921875	39.018077 8503418	9.0675630 569458	0.0	0.0	3.1396932 60192871	439.84143 06640625	652.85321 04492188	236.27516 17431640 6	0.0	41.488521 57592773 4	13.765306 47277832	381.76101 68457031	628.27575 68359375	185.62562 56103515 6	0.0	18554687	10.663347 24426269 5	933.9	210.276	2270	2222	2207		06T14:29:		20220506-14
2475	nw_sup_c hange																			930.4	211.477	2083	2044	2030	2022-05- 06T14:28:	2022-05- 06T14:28:		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
2475	nw_sup_c hange																			930.4	211.477	2083	2044	2030	29	29		
2474	nw_inf_ch ange																			929.5	211.004	2083	2044	2030		2022-05- 06T14:28: 29		
2473	onango	5	00020000	17230328		0.0	7	3/319331	600.91284 1796875	6		37.860942 84057617	•			•		29.493570 32775879	9.7263460 15930176	892.5	192.567	2083	2044	2030	2022-05- 06T12:24: 26	2022-05- 06T13:24: 05		20220506-13
2472				7.4548978 80554199		0.0	2.6173665 52352905 3	356.49380 49316406	553.88659 66796875	196.81019 59228515 6	0.0	34.531768 79882812 5	11.498753 54766845 7	309.77563 4765625	534.36187 74414062	154.87719 7265625	0.0	26.946609 49707031 2	8.8766899 10888672	888.5	192.621	2083	2047	2033	2022-05- 06T11:24: 54	2022-05- 06T12:24: 26		20220506-12
2471				6.6917190 55175781		0.0	2.3690199 85198974 6	316.72048 95019531	506.68026 73339844	178.00149 53613281 2	0.0	31.267934 79919433 6	10.383738 51776123	275.13156 12792969	489.04864 50195312 5	140.05175 78125	0.0	24.380052 56652832	8.0260734 55810547	331.4	19.3266	231	227	225	2022-05- 06T11:15: 49	2022-05- 06T11:24: 54		20220506-11
2470	reeling_ex change	188.20660 40039062 5	35.087169 6472168	6.5963397 02606201	0.0	0.0	2.3418331 14624023 4	311.86196 89941406	500.91845 703125	175.70677 18505859 4	0.0	30.830722 80883789	10.247561 45477295	271.01385 49804687 5	483.54333 49609375	138.28829 95605468 8	0.0	24.089324 95117187 5	7.9409070 01495361	456.6	47.3525	512	497	512	2022-05- 06T09:50: 17	2022-05- 06T11:15: 49		20220506-10
2469			56835937	6.1653828 62091064 5	0.0	0.0	2.1895318 03131103 5	298.81814 57519531	485.46685 79101562 5	169.53868 10302734 4	0.0	29.740089 41650390 6	9.8940515 51818848	259.79727 17285156	468.67089 84375	133.49266 05224609 4	0.0	23.217626 57165527 3	7.6569600 10528564 5	180.1	0.340569	2266	2225	2251	2022-05- 06T09:50: 20	2022-05- 06T09:50: 20		
2468	nw_sup_c hange																			934.9	192.491	2414	2371	2398	2022-05- 06T09:50: 20	2022-05- 06T09:50: 20		
2467	nw_inf_ch ange																			926.9	191.38	2414	2371	2398	2022-05- 06T09:50: 12	2022-05- 06T09:50: 12		
2466	reeling_ex change	158.79159 54589843 8	31.222656 25	5.5812768 93615723	0.0	0.0	1.9931590 55709838 9	266.30499 26757812 5	432.64212 03613281	151.06356 81152343 8	0.0	26.515743 25561523 4	8.8386192 32177734	231.61123 65722656 2	417.51223 75488281	119.00769 04296875	0.0	20.713413 23852539	6.8023023 60534668	957.3	206.612	2414	2371	2398	2022-05- 06T07:36: 11	2022-05- 06T08:45: 19		20220506-09
2465	change	09111320	10363496			0.0	24940490	18945312	375.72503 66210937 5		0.0	22.989198 68469238 3	7.7030615 80657959	201.38043 21289062 5	362.83889 77050781	103.47846 22192382 8	0.0	18.027469 63500976 6	5.9391880 03540039	959.0	203.061	2414	2374	2398	2022-05- 06T06:27: 06	2022-05- 06T07:36: 11		20220506-08
2464	reeling_ex change	117.71920 77636718 8	23.141727 44750976 6	4.1379857 06329346	0.0	0.0	1.4713587 76092529 3	196.82832 33642578	319.77865 60058594	111.63249 96948242 2	0.0	19.615198 13537597 7					0.0	15.281067 84820556 6	5.0446829 7958374	973.3	207.869	2465	2416	2441	2022-05- 06T05:16: 28			20220506-07
2463	nw_inf_ch ange																			962.6	208.771	2404	2359	2384	2022-05- 06T06:26: 21	2022-05- 06T06:26: 21		
2462	nw_sup_c hange																			962.6	209.03	2404	2359	2384		2022-05- 06T06:26: 21		
2461	reeling_ex change	97.016571 04492188	19.036354 06494140 6	3.4196052 55126953	0.0	0.0	77255249	04296875	261.97427 36816406	09423828	0.0	16.044260 02502441 4	5.3788695 33538818	140.27171 32568359 4	252.47662 35351562 5	72.073852 5390625	0.0	12.549413 68103027 3	4.1255311 96594238	954.6	206.302	2404	2359	2384	2022-05- 06T04:07: 38	2022-05- 06T05:16: 28		20220506-06
2460	reeling_ex change	76.477066 04003906	14.975399 9710083	2.7039444 44656372	0.0	0.0	0.9524608 25443267 8	126.80241 39404296 9	205.99537 65869140 6	71.910224 91455078	0.0	12.598741 53137207	4.2239322 66235352	110.39339 44702148 4	198.83683 77685547	56.710514 06860351 6	0.0	9.8758573 5321045	3.2630531 78787231 4	951.1	205.748	2404	2365	2389	2022-05- 06T02:58: 50	2022-05- 06T04:07: 38		20220506-05
2459	reeling_ex change	55.456493 37768555	10.794695 85418701 2	1.9490345 71647644	0.0	0.0	0.6922149 65820312 5	92.184646 60644531	149.75947 57080078	52.275047 30224609 4	0.0	9.1446914 67285156	3.0656404 49523926	80.267021 17919922	144.80349 73144531 2	41.231182 09838867	0.0	7.1510457 99255371	2.3681607 24639892 6	913.2	188.592	2207	2163	2190	2022-05- 06T01:55: 36	2022-05- 06T02:58: 50		20220506-04
2458	nw_sup_c hange																			908.8	188.795	2414	2365	2397	2022-05- 06T02:58: 04	2022-05- 06T02:58: 04		
2457	nw_inf_ch ange																			907.4	188.359	2414	2365	2397	2022-05- 06T02:58: 04	2022-05- 06T02:58: 04		
2456		35.806396 484375			0.0	0.0	0.4448110 16321182 25	59.977180 48095703	97.440444 94628906	34.006038 66577148 4	0.0	5.9679975 50964355 5	2.0154399 87182617	52.173774 71923828	94.293853 75976562	26.807558 05969238 3	0.0	4.6615247 72644043	1.5254994 63081359 9	956.4	206.698	2414	2365	2397	2022-05- 06T00:46: 37	2022-05- 06T01:55: 36		20220506-03
2455	reeling_ex change	14.354732 51342773 4	2.7654020 7862854	0.4906112 55168914 8	0.0	0.0	0.1767086		39.616352 08129883	13.829535	0.0	2.4177944 66018676	0.8289869 42768096	04 445040		44 040400	0.0	1.8949360 84747314 5	0.6174223 42300415	195.4	7.25442	99	97	98	2022-05-			20220506-02
2454				0.4906112 55168914 8		0.0			37.400177 00195312 5		0.0	2.2567310 33325195 3					0.0	1.7800464 63012695			209.777	2414	2368	2402	2022-05-			20220506-01
2453				33.926536 56005859 4		0.0			2225.6018 06640625			143.78015 13671875	47.569976 80664062 5	1118.5804 44335937 5	2188.1286 62109375	937.75488 28125	0.0	116.74193 57299804 7		962.6	216.949	2458	2406	2445	2022-05- 05T22:24:			20220505-02
2452	nw_sup_c hange																			957.7	215.074	2414	2358	2401	2022-05- 05T23:33: 49	2022-05-		
2451	nw_inf_ch ange																			957.3	214.985	2414	2358	2401	2022-05-			

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	С3	C4	C5	C6	Diâmetr o	Peso	Compri mento		NW Superior	Início	Fim	Vel. Cast	Bobinagem
2451	nw_inf_ch ange																			957.3	214.985	2414	2358	2401	49	49		
2450	change	07220002	31982422			0.0	8	0071073	0010020			140.18937 68310547	46.391723 6328125	1087.0714 11132812 5	2131.0400 390625	921.58740 234375	0.0	113.93436 43188476 6			210.719	2414	2358	2401	2022-05- 05T21:14: 59	2022-05- 05T22:24: 07		20220505-01
2449	reeling_ex change	873.97949 21875	179.64256 28662109 4	32.404739 37988281	0.0	0.0	10.982162 47558593 8	1166.9219 97070312 5	2107.9604 4921875	1093.9750 9765625	0.0	136.65100 09765625	45.191738 12866211	1055.7014 16015625	2074.0500 48828125	905.49542 23632812	0.0	111.19048 30932617 2	36.633850 09765625	954.2	210.89	2414	2368	2402		2022-05- 05T21:14: 59		
2446	nw_sup_c hange																			926.4	202.139	2414	2362	2401		2022-05- 05T20:05: 10		
2445	nw_inf_ch ange																			925.1	201.879	2414	2362	2401		2022-05- 05T20:05: 10		
2442	cnange	609375	12109375			0.0	10.174027 44293212 9	1060.6286 62109375	1935.2916 25976562 5	1033.5955 81054687 5	0.0					858.04010 00976562		2	41723633	933.2	212.818	2414	2366	2401	2022-05- 05T16:41: 36	05T17:50:		
2441	reeling_ex change	785.94732 66601562	162.46876 52587890 6	29.012269 97375488 3	0.0	0.0	9.8842134 475708	1024.4130 859375	1876.3913 57421875	1013.0280 76171875	0.0	122.40931 70166015 6	40.486961 36474609 4	931.86022 94921875	1848.6058 34960937 5	841.94531 25	0.0	100.14677 42919921 9	33.008003 23486328	954.6	218.669	2450	2394	2437		2022-05- 05T16:41: 36		
2440	nw_sup_c hange																			949.3	218.277	2414	2361	2402	2022-05- 05T16:40: 54	05T16:40:		
2439	nw_inf_ch ange																			949.3	218.014	2414	2361	2402	54	05T16:40: 54		
2438				28.193878 17382812 5		0.0	9.6038866 04309082	988.34155 2734375	1817.7478 02734375	992.55377 19726562	0.0	5	4	30004002	73828125			24011713	3		213.203	2414	2361	2402		2022-05- 05T15:31: 26		
2437				27.442327 49938965		0.0			1760.3525 390625	972.51049 8046875	0.0	9	96948242	48046875	99609375			94.586341 85791016	31.155120 84960937 5	956.8	212.943	2414	2374	2409		2022-05- 05T14:22: 18		
2436	reeling_ex change	720.09118 65234375	149.50656 12792968 8	26.709621 42944336	0.0	0.0			1702.7255 859375	952.37481 68945312	0.0	111.70721 43554687 5	36.963493 34716797	839.20288 0859375	1679.7503 66210937 5	794.35632 32421875	0.0		30.268487 93029785	931.0	205.171	2322	2271	2313	2022-05- 05T12:06: 41	05T13:13:		
2435	nw_sup_c hange																			925.1	203.239	2414	2359	2401	2022-05- 05T13:12: 31	05T13:12:		
2434	nw_inf_ch ange																			923.8	202.591	2414	2359	2401	2022-05- 05T13:12: 31	05T13:12:		
2433				25.983737 94555664		0.0	8873291	953125	5859375							779.02441 40625		89.177246 09375	29.390415 19165039	946.7	215.338	2414	2359	2401		2022-05- 05T12:06: 41		
2432				25.294956 20727539		0.0	8.5550632 47680664	848.46051 02539062	1590.5166 015625	913.10791 015625	0.0					763.32067 87109375		86.471534 7290039	28.491952 89611816 4	960.3	211.617	2414	2364	2402	2022-05- 05T09:48: 27	05T10:57:		
2431	reeling_ex change	657.97424 31640625	137.38710 02197265 6	24.576381 68334961	0.0	0.0			1532.9143 06640625	892.95562 74414062	0.0	101.29524 23095703 1	33.499282 83691406	747.96618 65234375	1513.4870 60546875	747.49310 30273438	0.0	83.706359 86328125		967.3	213.774	2433	2369	2420		2022-05- 05T09:48: 27		
2430	nw_sup_c hange																			961.2	211.44	2414	2350	2401	2022-05- 05T09:47: 47			
2429	nw_inf_ch ange																			961.2	211.351	2414	2350	2401		2022-05- 05T09:47: 47		
2428	criarige	00001002	5	23.749296 18835449 2		0.0	13024902	40875	34700020			7006836	1315918	716.16833 49609375	20703125	18164062	0.0	00330070	8	964.8	216.066	2414	2350	2401	2022-05- 05T07:29: 37			
2427				22.987640 38085937 5		0.0				852.04058 83789062		94.132827 75878906	31.127420 42541504	684.31549 07226562	1397.7242 43164062 5	714.79559 32617188			00020047		217.563	2414	2366	2407		05T07:29: 37		
2426	reeling_ex change	595.05853 27148438	124.94600 67749023 4	22.274021 14868164	0.0	0.0	7.5183491 70684814 5	704.85266 11328125	1357.3061 5234375	831.61999 51171875	0.0	90.493812 56103516	29.927904 12902832	652.82440 18554688	1340.9101 5625	698.61157 2265625	0.0	75.137191 77246094	24.738162 99438476 6	893.3	189.833	2086	2040	2079	2022-05- 05T05:20: 56	05T06:20:		
2425	nw_sup_c hange																			888.5	185.051	604	581	591	48	05T06:19: 48		
2424	nw_inf_ch ange																			887.2	185.31	604	581	591	2022-05- 05T06:19: 48	05T06:19:		
2423	reeling_ex change	576.50115 96679688	121.33682 25097656	21.562423 70605468	0.0	0.0	7.2933473 58703613	672.66021 72851562	1305.0301 51367187	813.35363 76953125	0.0	87.275306 70166016	28.869550 70495605	624.84906 00585938	1290.7650 14648437	684.24609 375	0.0	72.660179 1381836	23.920986 17553711	471.6	55.8046	604	581	591	2022-05- 05T04:14:	2022-05- 05T05:20:		

ID		A1	A2	A3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
2423	reeling_ex change	576.50115 96679688	2	8	0.0	0.0	7.2933473 58703613	672.66021 72851562	5	813.35363 76953125	0.0	87.275306 70166016	5	624.84906 00585938	5	684.24609 375	0.0	1301030	23.920986 17553711		55.8046	604	581	591	32	56		
2422		564.11846 92382812				0.0	7.1381602 28729248	659.36236 57226562	1283.2536 62109375	805.43170 16601562	0.0	85.983070 37353516						71.512176 51367188			203.86	2018	1972	2008	2022-05- 05T03:30: 14	2022-05- 05T04:14: 32		
2421	reeling_ex change	545.00799 56054688	114.85733 79516601 6	20.358413 69628906 2	0.0	0.0	6.8893833 16040039	634.22882 08007812	1234.3515 625	774.76556 39648438	0.0	82.698928 83300781						68.816780 09033203	22.674243 92700195 3	975.8	240.634	2408	2363	2399	05T02:37:	2022-05- 05T03:30: 14		
2420	reeling_ex change	521.72613 52539062	109.96796 41723632 8	19.458482 74230957	0.0	0.0	6.5954627 99072266	603.94708 25195312	1175.4107 66601562 5	737.79302 97851562	0.0	78.769386 2915039	26.052949 90539550 8	562.04791 25976562	1159.5517 578125	621.69598 38867188	0.0	65.603469 84863281	21.626207 35168457	906.1	216.269	2154	2103	2141		2022-05- 05T02:37: 32		
2419	reeling_ex change	C																		906.1	216.269	123	119	121	2022-05- 05T01:50: 11	2022-05- 05T02:37: 32		
2418	nw_sup_c hange																			906.1	216.269	123	119	121		05T02:34:		
2417	reeling_ex change	500.96505 73730469	105.61328 88793945 3	18.666500 09155273 4	0.0	0.0	6.3273954 39147949	576.96362 3046875	1122.9082 03125	704.85290 52734375	0.0	75.224143 9819336	24.876142 50183105 5	537.31341 55273438	1106.4713 13476562 5	594.38269 04296875	0.0	62.686630 24902344	20.663934 7076416	259.6	10.2546	123	119	121	05T01:47:	2022-05- 05T01:50: 11		
2416	reeling_ex change	499.04016 11328125	105.20288 84887695 3	18.592067 71850586	0.0	0.0	6.3088541 03088379	575.43463 13476562	1119.9609 375	702.99053 95507812	0.0	75.063262 93945312	24.822595 59631347 7	535.72338 8671875	1103.0670 16601562 5	592.59027 09960938	0.0	62.514881 1340332	20.607122 42126465	977.1	242.683	2408	2353	2395		05T01:47:		
2415	reeling_ex change	476.30139 16015625	100.42839 05029296 9	17.723228 45458984 4	0.0	0.0	6.0147223 47259521 5	544.96356 20117188	1060.6365 96679687 5	665.78552 24609375	0.0	71.034751 89208984	23.509935 37902832	507.73345 94726562 5	1044.3927 00195312 5	561.65405 2734375	0.0		19.524139 40429687 5	979.0	241.503	2408	2362	2399		2022-05- 05T00:54: 31		
2414	reeling_ex change	452.00363 15917969	95.311065 67382812	16.815935 13488769 5	0.0	0.0	5.7077875 1373291	514.50579 83398438	1001.3445 43457031 2	628.59191 89453125	0.0	67.059844 97070312	22.223438 26293945 3	479.53924 56054687 5	985.44128 41796875	530.45202 63671875	0.0	55.945877 07519531	18.429918 28918457	937.1	224.102	2245	2196	2233	2022-05- 04T23:12: 21	05T00:01:		
2413	nw_sup_c hange																			934.8	223.092	2408	2370	2398	04T23:57:	2022-05- 04T23:57: 59		
2412	nw_inf_ch ange																			933.0	221.416	2408	2370	2398		2022-05- 04T23:57: 59		
2411	reeling_ex change	430.44396 97265625	90.783569 3359375	15.992671 96655273 4	0.0	0.0	5.4337081 90917969	486.02331 54296875	945.94110 10742188	593.81665 0390625	0.0			453.31362 91503906			0.0	52.874771 11816406	17.414165 49682617 2	962.1	244.074	2408	2370	2398	04T22:19:	2022-05- 04T23:12: 21		
2410	reeling_ex change	405.99957 27539062 5	85.633163 45214844	15.077882 76672363 3	0.0	0.0	5.1336746 21582031	455.64825 43945312 5	886.82196 04492188	556.72644 04296875	0.0	59.378906 25	19.678356 17065429 7	424.81277 46582031	871.89245 60546875	469.93212 890625	0.0	49.529838 56201172	16.336544 03686523 4	970.0	240.191	2408	2377	2399	04T21:26:	2022-05- 04T22:19: 29		
2409	reeling_ex change	381.87527 46582031	80.550643 92089844	14.174037 93334961	0.0	0.0	4.8253884 31549072	424.84268 18847656	826.89697 265625	519.12072 75390625	0.0	55.371341 70532226 6	18.342987 06054687 5	396.70101 92871094	813.26135 25390625	438.81060 79101562 5	0.0		15.257369 04144287 1	936.2	225.542	2248	2201	2236	04T20:37:	2022-05- 04T21:26: 39		
2408	nw_sup_c hange																			931.7	224.275	2378	2330	2365		2022-05- 04T21:26: 09		
2407	nw_inf_ch ange																			930.4	223.564	2378	2330	2365	04T21:26:	2022-05- 04T21:26: 09		
2406	reeling_ex change	359.53060 91308594	75.814369 20166016	13.351096 15325927 7	0.0	0.0	4.5497117 0425415	396.35592 65136719	771.47521 97265625	484.30758 66699219	0.0	51.679714 20288086	17.108369 82727050 8	370.71829 22363281	758.76556 39648438	410.10498 046875	0.0	43.229408 26416015 6	14.263735 7711792	955.9	238.15	2378	2330	2365		2022-05- 04T20:37: 16		
2405		335.68521 11816406				0.0	4.2478413 58184814 5	366.37710 57128906	713.17218 01757812	447.68054 19921875	0.0	47.772476 19628906	15.832521 43859863 3	342.38955 68847656	703.18225 09765625	378.77639 77050781	0.0	39.949325 56152344	13.182408 33282470 7	962.6	241.377	2378	2335	2368	04T18:52:	2022-05- 04T19:45: 02		
2404	reeling_ex change	312.36978 14941406	65.826957 70263672	11.579736 70959472 7	0.0	0.0	3.9526534 08050537	336.54318 23730469	655.11071 77734375	411.21371 45996094	0.0	43.924758 91113281	14.535032 27233886 7	314.28887 93945312 5	648.09790 0390625	347.71188 35449219	0.0	36.663974 76196289	12.103404 99877929 7	241.7	8.07939	102	100	101		2022-05- 04T18:52: 57		
2403		311.49969				0.0	3.9433872 69973755	335.27380 37109375	652.63555 90820312	409.69110 10742187 5	0.0	43.764804 84008789	14.478313 44604492 2	313.16540 52734375	645.92565 91796875	346.48519 89746094	0.0	36.550998 68774414	12.074280 73883056 6	952.9	241.323	2397	2347	2384	2022-05- 04T17:58	2022-05- 04T18:50: 39		
2402	nw_sup_c hange																			949.8	239.864	2408	2361	2390		2022-05- 04T18:50: 12		
2401	nw_inf_ch ange																			948.9	237.433	2408	2361	2390	04T18:50:	2022-05- 04T18:50: 12		
2400	change	287.07666 015625	93457031	3		0.0	3.6285278 79714966	305.12194 82421875	593.98583 984375	372.81063 84277344	0.0	39.797149 65820312 5	4	5	48242188	04/85156		33.273056 03027344		959.9	240.02	2408	2361	2390	2022-05- 04T17:05: 09	2022-05- 04T17:58		
2399	reeling_ex change	263.85528 56445312	55.543174 74365234	9.7901716 2322998	0.0	0.0	3.3337786 19766235	274.79678 34472656	534.95544 43359375	335.74987 79296875	0.0	35.855037 68920898	11.858412 74261474	256.65841 67480469	535.19995 1171875	284.02081 29882812	0.0	29.934444 42749023	9.8724346 16088867	978.8	239.737	2408	2370	2392		2022-05- 04T17:05:		

ID		A1	A2	АЗ	A4	A5	A6	B1	B2	В3	B4	B5	B6	C1	C2	C3	C4	C 5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
2399	reeling_ex change	5	4	9.7901716 2322998	0.0	0.0		34472000	43359375			4	6	256.65841 67480469		5	0.0	4	9.8724346 16088867	978.8	239.737	2408	2370	2392	18	09		
2398	reeling_ex change	239.08345 03173828	50.321365 35644531	8.8668270 11108398	0.0	0.0	3.0224156 37969970 7	244.42306 51855468 8	475.81481 93359375	298.60473 6328125	0.0	31.860153 19824218 8	10.544498 44360351 6	228.05480 95703125	479.04809 5703125	252.35800 17089843 8	0.0	26.601072 31140136 7	8.7782983 77990723	922.0	221.687	2211	2169	2194	2022-05- 04T15:23: 44			
2397	nw_sup_c hange																			918.9	221.075	2257	2227	2239	2022-05- 04T16:11: 47	04T16:11: 47		
2396	nw_inf_ch ange																				220.361	2257	2227	2239	2022-05- 04T16:11: 47	04T16:11: 47		
2395		•	-	8.0724134 44519043		0.0		81640625	515625	28417969	0.0	28.238910 67504882 8	00090210	33340073	70404044	4		4	7.7502398 49090576		228.274	2257	2227	2239		04T15:23: 44		
2394				7.2319440 84167480 5		0.0	2.4600884 91439819 3					24.519559 86022949 2							6.7286748 8861084		155.688	1515	1489	1508	2022-05- 04T14:01			
2393		440.70040	22 005200	70605469		0.0	7	13023047	79394531			21.893327 71301269 5							6.0256752 96783447		58.4748	633	612	620	04T05:43: 19 2022-05-	2022-05- 04T14:01		
2392	king	1	3	07287598	0.0	0.0	8	4	81201172			5	5		00307001	6			4.6801776 88598633		14.9437	546	543	548	04T05:46:	04T05:46: 17		
2391				4.0934534 07287598		0.0				21533203		16.888654 70886230 5 16.888654							4.6801776 88598633		14.9437	546	543	548	04T05:46:	04T05:46: 17		
2390				4.0934534 07287598		0.0				158.34358 21533203		16.888654 70886230 5 16.888654							4.6801776 88598633		14.7431	546	543	548	04T05:46: 17 2022-05-	04T05:46: 17		
2389				4.0934534 07287598 4.0934534		0.0				21533203		16.888654 70886230 5 16.888654 70886230					0.0		4.6801776 88598633		14.7431	546	543	548	04T05:46: 17 2022-05-	04T05:46: 17		
2388	olato_olari	1	3	07287598	0.0	0.0	1.3937267 06504821 8 1.3937267					5	5	3		ь			4.6801776 88598633		10.0293	546	543	548	04T05:46: 17 2022-05-	04T05:46: 17 2022-05-		
2387				4.0934534 07287598		0.0				158.34358 21533203		16.888654 70886230 5 16.888654							4.6801776 88598633		8.62521	546	543	548	04T05:46:	04T05:46: 17		
2386				4.0934534 07287598		0.0				158.34358 21533203		16.888654 70886230 5 16.888654							4.6801776 88598633		8.52492	546	543	548	04T05:46: 17 2022-05-	04T05:46: 17		
2385		•	-	07287598		0.0				158.34358 21533203 149.56723		16.888654 70886230 5 15.965336						00372990	4.6801776 88598633 4.3141303	472.9	53.2163	546	543	548	04T04:47:	04T05:43: 19		
2384			20.120534	3.5758960 24703979 5 3.5758960		0.0	4.0400500	122.50005	238.40988	149.56723 02246093 8 149.56723		15.965336 79962158 2 15.965336		111 76744				88488769 5	06243896 5 4.3141303	247.1	8.58727	1278	1247	1268	04T04:47: 43 2022-05-	04T04:47: 43		
2383	state_start	11865234	6	5		0.0	06010437	2	8	8		2	13042773		4	7		88488769 5	06243896 5 4.3141303	203.4	5.82708	1278	1247	1268	04T04:47:	04T04:47: 43		
2382	state_stop	11865234	89685058 6 20.120534	3.5758960 24703979 5 3.5758960 24703979	0.0	0.0	1.2186526 06010437			149.56723 02246093 8 149.56723	0.0	15.965336 79962158 2 15.965336						88488769 5	06243896 5 4.3141303	203.4	5.82708	1278	1247	1268	04T04:47:	04T04:47: 43		
2381	olalo_olali	11865234	6	5		0.0	06010437	2	15917968 8 238.40988	8	0.0	15.965336 79962158 2 15.965336						88488769 5	06243896 5 4.3141303	203.4	4.29364	1278	1247	1268	04T04:47: 43 2022-05-	04T04:47: 43		
2380	state_stop		20 120534	24703979 5 3.5758960 24703979	0.0	0.0	1.2186526 06010437 1.2186526	34057617 2	15917968 8	02246093 8	0.0	15.965336 79962158 2 15.965336		111 76744				88488769 5	06243896 5 4.3141303	203.4	4.08918	1278	1247	1268	04T04:47:	04T04:47: 43		
2379	olato_olari	11865234	6	5	0.0	0.0	06010437	2	8	8		2	13042773		4	7		88488769 5	4.3141303 06243896 5 4.3141303	192.7	1.94236	1278	1247	1268	04T04:47:	04T04:47: 43		
2378	nw_sup_c hange	96.486534 11865234	89685058 6	24703979 5	0.0	0.0	1.2186526 06010437	34057617	15917968 8	149.56723 02246093 8	0.0	15.965336 79962158 2	5.2770748 13842773	07958984	56787109 4	01049804	0.0	88488769	06243896 5	176.0	0.101387	1278	1247	1268	04T04:47: 43	04T04:47: 43		
2377	nw_sup_c hange																			176.0	0.101387	2063	2014	2046		04T04:47: 43		
2376	nw_inf_ch ange																			176.0	128.553	2063	2014	2046		04T04:47: 43		
2375	reeling_ex change	84.893585 20507812	17.707590 10314941	3.1436483 86001587	0.0	0.0	1.0677627 32505798	106.69723 51074218	207.69038 39111328	130.28018 18847656	0.0	13.919674 87335205	4.6082496 64306641	97.297836 30371094	208.70504 76074218	107.65917 96875	0.0		3.7486021 51870727	906.6	207.508	2063	2014	2046	2022-05- 04T03:11:	2022-05- 04T04:10:		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	C3	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
2375	change	84.893585 20507812		3.143648 86001587		0.0	3	8	207.69038 39111328	2	0.0		04300041	3037 1094		107.65917 96875		7	5	906.6	207.508	2063	2014	2046	39	43		
2374	reeling_ex change	65.248733 52050781	13.603524 20806884 8	2.422010 60171509	0.0	0.0	0.8206580 87730407 7	80.996963 50097656	157.68664 55078125	98.891365 05126953	0.0	10.543279 64782714 8	3.5074713 23013305 7	73.962142 94433594	158.53073 12011718 8	81.871337 890625	0.0	8.6215934 75341797	2.8320569 99206543	906.2	207.28	2063	2015	2046	2022-05- 04T02:12: 40	2022-05- 04T03:11: 39		
2373	reeling_ex change	45.623630 52368164	9.5161685 94360352	1.695725 79397583	6 0.0	0.0	5	69262695	107.99462 890625	61230469		7.2046484 94720459	2.4014492 03491211	50.453224 18212890 6	108.06793 97583007 8	55.832653 0456543	0.0	5.8554120 06378174	1.9359426 49841308 6	387.9	31.4943	334	327	332	04T01:57:	2022-05- 04T02:12: 40		
2372	state_wor king	40.017009 73510742	8.3434085 84594727	1.481802 05903625 5	1 5 0.0	0.0			100.03295 8984375			6.7218265 53344727	2.2126629 35256958	46.680488 58642578	100.01194 00024414	51.674510 95581055	0.0	5.3953742 98095703	1.7912887 33482360 8	207.0	3.54854	1347	1323	1341		2022-05- 04T02:04: 21		
2371	criarige	40.017009 73510742	04004121	5		0.0	2	05419922	100.03295 8984375	58203125		53344727	35256958	46.680488 58642578	00024414	95581055	0.0	30033703		740.2	136.264	1347	1323	1341	04T01:18: 01	2022-05- 04T01:57: 11		
2370		26.724008 56018066 4				0.0	35	98876953	66.955307 00683594	40600586		4.4698157 31048584						04455566	1.2138594 38896179 2	737.3	136.264	2422	2369	2406	2022-05- 04T01:57: 06	2022-05- 04T01:57: 06		
2369	reeling_ex change	26.724008 56018066 4	5.5710325 24108887	0.988417 48590087 9	0.0	0.0	0.3360160 88724136 35	34.398200 98876953	66.955307 00683594	41.985622 40600586	0.0	4.4698157 31048584	1.4840238 09432983 4	31.110630 03540039	66.710212 70751953	34.450382 23266601 6	0.0	04455566	1.2138594 38896179 2	983.8	244.995	2422	2369	2406	04T00:08: 38	2022-05- 04T01:18: 01		
2368	nw_sup_c hange																			976.7	245.148	2223	2175	2209	20	04T01:17: 20		
2367	nw_sup_c hange																			976.7	245.148	2223	2175	2209	04T01:17: 20	2022-05- 04T01:17: 20		
2366	criarige	-	7	82		0.0	0.0447055 84645271 3					0.5384531 02111816 4	0.1614294 64817047 12	3.6728522 77755737 3	7.8976931 57196045	4.0839066 50543213	0.0	40731811 5	0.1452467 14353561 4		221.973	2223	2175	2209	58	04T00:08: 38		
2365	King		6274414	36706543	,	0.0			1038.8565 67382812 5			74.044654 8461914		502.53421 02050781				61.110286 71264648 4			148.347	2223	2182	2218	03T23:46: 51	2022-05- 03T23:46: 51		
2364	King		6274414	36706543	•	0.0			1038.8565 67382812 5					502.53421 02050781			0.0	4	50077240		148.347	2223	2182	2218	51	03T23:46: 51		
2363	Killy		02/4414	36706343	,	0.0			1038.8565 67382812 5			8461914	13671875	502.53421 02050781	82421875	24804688	0.0	4	20.256246 56677246		148.347	2223	2182	2218	03T23:46: 51	2022-05- 03T23:46: 51		
2362	King		62/4414	36706543	•	0.0			1038.8565 67382812 5			74.044654 8461914	24.559265 13671875	502.53421 02050781	1047.4694 82421875	657.25604 24804688	0.0	61.110286 71264648 4			148.347	2223	2182	2218	51	03T23:46: 51		
2361	change	452.36386 10839844	6274414	36706543	,	0.0			1038.8565 67382812 5				13671875	02050781	82421875	24804688	0.0	61.110286 71264648 4			228.49	2223	2182	2218	03T22:01: 26	2022-05- 03T23:04: 58		
2360	change	430.32324 21875	0078125	41040038	'	0.0	5.3399348 25897217	518.19567 87109375	984.02111 81640625	754.54162 59765625	0.0		4	5	6953125	02929688	0.0	04000314	19.282539 36767578		42.1396	432	418	423	15	03T22:01: 26		
2359	state_wor king		9477539	9		0.0	12268066	78515625	966.85516 35742188	15234375	0.0	69.248321 53320312							18.958602 90527343 8		6.05481	2353	2355	2356	03T20:55: 20	2022-05- 03T20:55: 20		
2358	state_start	04003900		9		0.0	5.1771860 12268066	509.36779 78515625	966.85516 35742188	743.66931 15234375	0.0	69.248321 53320312						57.212131 50024414	18.958602 90527343 8	179.6	1.84723	2353	2355	2356	20	03T20:55: 20		
2357		417.20816 04003906	3411000	9		0.0			966.85516 35742188		0.0	69.248321 53320312						50024414	18.958602 90527343 8				2355	2356	03T20:55: 20	2022-05- 03T20:55: 20		
2356	state_start	417.20816 04003906		9		0.0			966.85516 35742188			69.248321 53320312						57.212131 50024414	18.958602 90527343 8	1200.0	0.307954	2353	2355	2356	20	03T20:55: 20		
2355	state_start	417.20816 04003906	82.853858 9477539	15.60826 73779296 9	6 0.0	0.0	5.1771860 12268066	509.36779 78515625	966.85516 35742188	743.66931 15234375	0.0	69.248321 53320312	22.941177 36816406 2	468.74468 99414062 5	975.16833 49609375	619.76239 01367188	0.0	57.212131 50024414	18.958602 90527343 8	1200.0	0.307954	2233	2236	2236	20	03T20:55: 20		
2354	nw_sup_c hange																			1200.0	239.659	2233	2236	2236	20	03T20:55: 20		
2353	nw_inf_ch ange																			980.7	240.78	2233	2236	2236	03T20:55: 20	2022-05- 03T20:55: 20		
2352		393.51065 06347656				0.0			913.48693 84765625				37561035	8984375	23242188	5390625		54980469	/33/6465	949.5	229.43	2233	2236	2236	55	03T19:47: 52		
2351	reeling_ex change	370.79953 00292969	73.606101 9897461	13.93868 46350097	4 0.0	0.0	4.5927033 42437744	454.75189 20898437	863.21514 89257812	663.96447 75390625	0.0	61.819725 03662109	20.470308 30383300	418.35781 86035156	870.40435 79101562	553.17095 94726562	0.0		16.903961 18164062		230.263	2233	2239	2239		2022-05- 03T18:43:		

ID		A1	A2	А3	A4	A5	A6	B1	B2	В3	B4	B5	В6	C1	C2	СЗ	C4	C5	C6	Diâmetr o	Peso	Compri mento	NW Inferior	NW Superior	Início	Fim	Vel. Cast	Bobinagem
2351	reeling_ex change	370.79953 00292969	73.606101 9897461	7	0.0	0.0	4.5927033 42437744	5	863.21514 89257812	663.96447 75390625	0.0	4	8	418.35781 86035156	870.40435 79101562	553.17095 94726562	0.0	51.018295 28808594	5	947.3	230.263	2233	2239	2239	06	55		
2350	reeling_ex change	348.71597 29003906	69.217247 00927734	13.137538 90991211	0.0	0.0				625.05627 44140625		58.215854 64477539	19.282743 45397949 2	394.08383 17871094	820.04174 8046875	521.04412 84179688	0.0	48.072525 02441406	15.939807 89184570 3	384.3	29.8322	304	387	387	2022-05- 03T17:08: 26			
2349	state_wor king	339.00927 734375	67.280853 27148438	12.785737 03765869 1	0.0	0.0	4.2025299 07226562 5	421.81378 17382812 5	800.67517 08984375	615.85168 45703125	0.0	57.357772 82714844	18.987207 41271972 7	388.35760 49804687 5	808.13922 11914062	513.46630 859375	0.0	47.380443 57299805	15.706828 11737060 5	204.4	2.27017	2372	2375	2363	2022-05- 03T17:08: 32			
2348	state_start	339.00927 734375	67.280853 27148438	12.785737 03765869 1	0.0	0.0	4.2025299 07226562 5	421.81378 17382812 5	800.67517 08984375	615.85168 45703125	0.0	57.357772 82714844	18.987207 41271972 7	388.35760 49804687 5	808.13922 11914062	513.46630 859375		47.380443 57299805	5		0.103189	2372	2375	2363	2022-05- 03T17:08: 32			
2347	state_start	339.00927 734375	67.280853 27148438	12.785737 03765869 1	0.0	0.0	4.2025299 07226562 5	421.81378 17382812 5	800.67517 08984375	615.85168 45703125	0.0	57.357772 82714844	18.987207 41271972 7	388.35760 49804687 5	808.13922 11914062	513.46630 859375	0.0	47.380443 57299805	15.706828 11737060 5	1200.0	0.103189	2414	2417	2406	2022-05- 03T17:08: 32			
2346	nw_sup_c hange																			1200.0	245.832	2414	2417	2406	2022-05- 03T17:08: 32			
2345	nw_inf_ch ange																			985.1	245.418	2414	2417	2406	2022-05- 03T17:08: 32			
2344	reeling_ex change	315.16433 71582031	62.536563 87329101 6	11.920167 92297363 3	0.0	0.0	3.9080421 92459106 4	393.57034 30175781	747.02954 1015625	574.66082 76367188	0.0	53.505615 234375	17.722757 33947754	362.16586 30371094	753.84356 68945312	478.89227 29492187 5	0.0	44.212425 23193359 4	14.663231 84967041	991.1	246.417	2414	2417	2406	2022-05- 03T14:51: 22			
2343	reeling_ex change	291.69503 78417969	57.893589 01977539	11.069599 15161132 8	0.0	0.0	3.6149988 17443847 7	364.97201 53808594	692.72308 34960938	532.94476 31835938	0.0	49.654220 58105469	16.433959 9609375	335.58444 21386719	698.49291 9921875	443.73458 86230469	0.0	40.977500 91552734 4		988.1	245.156	2414	2420	2420	2022-05- 03T13:42: 19			
2342	reeling_ex change	45507812		10.206186 29455566 4	0.0	0.0	3.3277528 28598022 5	336.18243 40820312 5	638.04278 56445312	490.94818 11523437 (5	0.0	45.731342 31567383	15.146509 17053222 7	309.34020 99609375	643.83660 88867188	409.06216 43066406	0.0	37.754104 61425781	12.522698 40240478 5	976.9	235.68	2346	2350	2337	2022-05- 03T12:35: 07			
2341	nw_sup_c hange																			970.9	233.59	2314	2316	2304	2022-05- 03T13:41: 38			
2340	nw_inf_ch ange																			969.6	233.02	2314	2316	2304	2022-05- 03T13:41: 38			
2339	reeling_ex change	244.46331 78710937 5	48.570781 70776367	9.3395404 81567383	0.0	0.0	3.0263545 51315307 6	308.03027 34375	584.57183 83789062	449.75125 12207031	0.0	41.918758 39233398 4	13.885448 45581054 7	283.28894 04296875	589.48724 36523438	374.60882 56835937 5	0.0	34.593078 61328125		967.8	235.914	2314	2316	2304	2022-05- 03T11:28: 59			