

Product / Project code	PROJ0XXX NIKE	Released Date	4/5/20XX
Assy Name	Pallet Stacker /Dispenser	Designer	SWAPNIL
Assy No.		Approver	
Assy Revision No.			

Manufacturing Parts											
S. No.	Drawing No.	Name / DESCRIPTION	Bom Level	Type / Part Category	Revision	Revision Date	Material	Coating	Wt. KG	Qty Req	UOM
1	PD03A0101000F	Base frame SQ1165	2	Fabrication + Machining			IS2062 E250A	Powder coating RAL 7015	140.022	1	Nos
2	PD03A0201000F	Base frame SQ1165_2	2	Fabrication + Machining			IS2062 E250A	Powder coating RAL 7015	140.022	1	Nos
3	PD03A0310000F	Moving frame_2 SQ1165	2	Fabrication + Machining			IS2062 E250A	Powder coating RAL 7015	50.826	1	Nos
4	PD03A0307000F	Moving frame_1 SQ1165	2	Fabrication + Machining			IS2062 E250A	Powder coating RAL 7015	37.640	1	Nos
5	PD03A0308000F	Moving frame_1 mir 1310	2	Fabrication + Machining			IS2062 E250A	Powder coating RAL 7015	37.640	1	Nos
6	PD03A0502000F	Support member+Motor mount SQ1165	2	Fabrication + Machining			IS2062 E250A	Powder coating RAL 7015	46.930	1	Nos
7	PD03A0602000F	Support member + Sprocket mount SQ1165	2	Fabrication + Machining			IS2062 E250A	Powder coating RAL 7015	39.743	1	Nos
8	PD03A0401000F	Support member_1 SQ1165	2	Fabrication + Machining			IS2062 E250A	Powder coating RAL 7015	11.441	2	Nos
9	PD03A0601005F	sprocket bracket	2	Machining			IS2062 E250A	Zn	4.046	2	Nos
10	PD03A0601002M	sprocket shaft	2	Machining			EN24 Fabricated	Hard Chrome (28-33 HRC)	0.832	1	Nos
11	PD01A0601004M	spacer_sprocket	2	Machining			IS2062 E250A	Zn	0.097	2	Nos
12	PD01A0601001M	30 10B3-2 sprocket	2	Machining			EN8 Fabricated	Zn (28-33 HRC)	5.36	1	Nos
13	PD01A0501000M	30 10B3 sprocket	2	Machining			EN8 Fabricated	Zn (28-33 HRC)	6.022	1	Nos
14	PD03A0309004M	Fork shaft	2	Machining			EN8	Hard Chrome (28-33 HRC)	1.768	4	Nos
15	PD03A0309009M	Bearing housing	2	Machining			EN8	Zn (28-33 HRC)	1.028	8	Nos
16	PD03A0309001M	Cam	2	Machining			IS2062 E250A	Zn	0.767	2	Nos
17	PD03A0309005M	fork	2	Fabrication + Machining			IS2062 E250A	Zn	2.877	4	Nos
18	PD03A0309002M	connecting rod	2	Machining			IS2062 E250A	Zn	0.893	2	Nos
19	PD01A0311001M	chain holder	2	Machining			EN24	Zn	0.530	2	Nos
20	PD01A0309006M	key for forks	2	Machining			EN8	Zn	0.01	10	Nos
21	PD01A0302000S	IME8 mount fork	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Zn	0.013	10	Nos
22	PD01A0202000S	IME8 mount Large	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Zn	0.252	4	Nos
23	PD01A0601003M	spacer_bearing	2	IS2062 E250A Fabricated			IS2062 E250A	Zn	0.053	1	Nos
24	PD02A0315000S	IME8_reflector	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Zn	0.033	1	Nos
25	PD01A0309008M	spacer for rodends	2	Machining			IS2062 E250A	Zn	0.004	12	Nos
26	PD03A0103000M	end stopper	2	Machining			IS2062 E250A	Powder coating RAL 7015	0.839	2	Nos
27	PD02A0104000S	shim_combined bearing	2	Laser Cutting\Machining			MS Sheetmetal IS513	Zn		12	Nos
28	PD02A0105000S	shim_guide rail	2	Laser Cutting\Machining			MS Sheetmetal IS513	Zn		12	Nos
29	PD02A0106000S	shim_motor member	2	Laser Cutting\Machining			MS Sheetmetal IS513	Zn		12	Nos
30	PD02A0107000S	shim_support member	2	Laser Cutting\Machining			MS Sheetmetal IS513	Zn		12	Nos
31	PD02A0503000S	Motor end washer	2	IS2062 E250A Fabricated			IS2062 E250A	Zn	0.131	1	Nos
32	PD01A0309010S	End washer for fork shaft	2	Laser Cutting\Machining			MS Sheetmetal IS513	Zn	0.03	10	Nos
33	PD03A0601006S	Shaft Lock Plate	2	Machining			MS Sheetmetal IS513	Zn	0.054	1	Nos
34	PD03A1200000S	PD GROUT MOLD	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Powder coating RAL 7015	0.79	10	Nos
35	PD03A0104000M	PU Strip End Stopper	2	Polyurethane Machining			Poly urathene	NA	0.075	2	Nos
36	PD03A0312001M	Cam_mir	2	IS2062 E250A Fabricated			IS2062 E250A	Zn	0.767	2	Nos
37	PD03A0317000F	Servo Motor Mount	2	IS2062 E250A Fabricated			IS2062 E250A	Zn, 10-20 microns	2.126	1	Nos
38	PD03A0309012M	Cam Fork Actuation	2	Machining			IS2062 E250A	Zn, 10-20 microns	0.929	2	Nos
39	PD03A0309011M	Connecting rod Cam	2	Machining			IS2062 E250A	Zn, 10-20 microns	0.686	2	Nos
40	PD01A1100000FRO	Panel box stand(PSD)	2	IS2062 E250A Fabricated			IS2062 E250A	Powder coating RAL 7015	25.5	1	Nos
41	PD03A0309014M	Actuation Shaft End Cap	2	Machining			IS2062 E250A	Zn, 10-20 microns	0.018	3	Nos
42	PD03A0309013M	Actuation Shaft	2	Machining			EN 31	Hard Chrome (28-33 HRC)	3.343	1	Nos
43	PD03A0309018M	Spacer For Fork Cam	2	Machining			IS2062 E250A	Zn, 10-20 microns	0.007	3	Nos
44	PD03A0316000S	PD Limit Switch Ramp	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Powder coating RAL 7015	0.539	1	Nos
45	PD03A0810000S	Limit Switch Mount	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Zn, 10-20 microns	0.066	3	Nos
46	PD03A0803003S	Moving Cover	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Powder coating RAL 7015	1.654	4	Nos
47	PD03A0306012S	Conduit Long	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Powder coating RAL 7015	0.458	8	Nos
48	PD03A0306011S	Conduit - 3 x IME08	2	Laser Cutting + Sheetmetal Bending			MS Sheetmetal IS513	Powder coating RAL 7015	0.297	5	Nos
49	PD03A0803004F	Outer Top Cover Weldment	2	Laser Cutting + Sheetmetal Bending + Fabrication			MS Sheetmetal IS513	Powder coating RAL 7015	21.839	1	Nos
50	PD03A0803014F	Outer Top Cover Weldment Mirror	2	Laser Cutting + Sheetmetal Bending + Fabrication			MS Sheetmetal IS513	Powder coating RAL 7015	21.839	1	Nos
51	PD03A0803006F	Outer Cover Lower Weldment	2	Laser Cutting + Sheetmetal Bending + Fabrication			MS Sheetmetal IS513	Powder coating RAL 7015	23.217	1	Nos
52	PD03A0803016F	Outer Lower Cover Weldment Mirror	2	Laser Cutting + Sheetmetal Bending + Fabrication			MS Sheetmetal IS513	Powder coating RAL 7015	23.217	1	Nos
53	PD03A0803001F	Back Cover Lower Weldment	2	Laser Cutting + Sheetmetal Bending + Fabrication			MS Sheetmetal IS513	Powder coating RAL 7015	24.286	1	Nos
54	PD03A0801000F	Back Cover Top Weldment	2	Laser Cutting + Sheetmetal Bending + Fabrication			MS Sheetmetal IS513	Powder coating RAL 7015	29.13	1	Nos
55	PD03A0803002S	Inner Cover Top Part PD	2	Laser Cutting + Sheetmetal Bending + Fabrication			Stainless Steel SS 304	NA	16.605	1	Nos
56	PD03A0804002S	Inner Cover Mirror Lower	2	Laser Cutting + Sheetmetal Bending + Fabrication			Stainless Steel SS 304	NA	16.605	1	Nos
57	PD03A0803001S	Inner Cover Lower Part PD	2	Laser Cutting + Sheetmetal Bending + Fabrication			Stainless Steel SS 304	NA	13.438	1	Nos

58	PD03A0804001S	Inner Cover Mirror Top	2	Laser Cutting + Sheetmetal Bending + Fabrication			Stainless Steel SS 304	NA	13.438	1	Nos
59	PD03A0808000S	FRONT TOP PART	2	Laser Cutting + Sheetmetal Bending + Fabrication			Stainless Steel SS 304	NA	17.934	1	Nos
60	PD03A0809000S	Front Cover Full-1	2	Laser Cutting + Sheetmetal Bending + Fabrication			Stainless Steel SS 304	NA	13.595	1	Nos
61	PD03A0803000F	Support Frame for Side Cover	2	Fabrication			IS2062 E250A	Powder coating RAL 7015	13.809	2	Nos
62	PD03A0700000F	support plate frame 1310	2	Fabrication			IS2062 E250A	Powder coating RAL 7015	11.324	1	Nos
63	PD03A0310016M	6x6x30 KEY	2	Machining			C45K Key Steel	Zn (28-33 HRC)	0.01	3	Nos
64	PD03A0310015M	6x6x50 Key	2	Machining			C45K Key Steel	Zn (28-33 HRC)	0.02	2	Nos

Boughtout Parts											
S. No.	Part No.	Name / DESCRIPTION	Bom Level	Type / Part Category / Make	Revision	Revision Date	Material / Specification	Coating	Wt. KG	Qty Req	UOM
1	030600001	SEW Geared motor R87 DRN90S4/BE2HR (1.1 kW, 14 RPM, Mounting: M1, Terminal Box: 0 , Cable Entry:X)	2	SEW India			R87DRN90S4BE2HR			1	Nos
2	010100004	7206 BE-2Z, SKF, Single row angular contact ball bearing	2	SKF			7206 BE-2Z			8	Nos
3	010600002	Standard Combine Bearing 4.054 with rectangular flange	2	Control tech solutions			4.054 with rectangular flange			4	Nos
4	010400001	Standard ONbv Profile (400mm length)	2	Control tech solutions			ONbv(400mm length)			4	Nos
5	010100013	6006 2RZ, SKF, Deep Groove Ball Bearing	2	SKF			6006 2RZ			2	Nos
6	020400001	Roller chain 10 B-3, Make:- Diamond	2	Diamond			Total Length 4000mm			4	M
7	050500009	Vibration Damper - DVB.6-38-35-M10-40-70 ELESA GANTER	2	ELESA GANTER			-			2	Nos
8	010600041	NTN UCF 204 Square Flange Bearing	2	NTN UCF 204						2	Nos
9	40600187	CK24 A 060 R040 Drag Chain	2	CKS Cable System			Total Length 1200mm			1.2	M
10	051200004	Flush pull handles GN 7332-155-A-1-GS	2	ELESA GANTER						12	Nos
11	051200005	Bridge handles with back mounting EBP.150-B M6-C6	2	ELESA GANTER						12	Nos
12	010800018	ROD END BEARING,PHSA M10 LH THREADED,MAKE IKO - IKO PHS10A-L M10	2	IKO			IKO PHS10A-L M10			4	Nos
13	010800019	ROD END BEARING,PHSA M10 RH THREADED,MAKE IKO - IKO PHS10A M10	2	IKO			IKO PHS10A M10			4	Nos
14	050300135	Hexagon Thin Nut IS1364-4 M10 LH10 Galvanized	3	Fasteners						10	Nos
15	50300006	Hexagon Thin Nut IS1364-4 M10 10 Galvanized	3	Fasteners						10	Nos
16	030200013	WEO40R-50 Liming worm gearbox Ratio:50	2	Gearbox						1	Nos
17	030500013	Servo Motor SIEMENS 1FL6032-2AF21-1AG1	2	Servo Motor			1FL6032-2AF21-1AG1			1	Nos
18	050500050	Thread Rod M16x200 DIN975 8.8 Galvanized	3	Fasteners			Grade 8.8	Galvanized		20	Nos
19	050300053	Hexagon Nut IS1363-3 M16 12 Galvanized	3	Fasteners				Galvanized		20	Nos
20	051600089	Internal Circlip 62x2 IS3075-2	3	Fasteners						10	Nos
21	050100928	Button Head Socket Screws M6X16, ISO 7380, 12.9, Galvanized	3	Fasteners				Galvanized		60	Nos
22	050101110	Socket CSK Head Cap Screw SS 304 ISO 10642 M4X16	3	Fasteners				SS 304		60	Nos
23	050101126	Socket CSK Head Cap Screw SS 304 ISO 10642 M5X40	3	Fasteners				SS 304		130	Nos
24	050101135	Socket CSK Head Cap Screw SS 304 ISO 10642 M6X25	3	Fasteners				SS 304		35	Nos
25	050101136	Socket CSK Head Cap Screw SS 304 ISO 10642 M6X30	3	Fasteners				SS 304		10	Nos
26	050101818	Socket Head Cap Screw M4x12 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		40	Nos
27	050101878	Socket Head Cap Screw M8X25 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		10	Nos
28	050101900	Socket Head Cap Screw M10X25 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		25	Nos
29	050101901	Socket Head Cap Screw M10X30 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		10	Nos
30	050101902	Socket Head Cap Screw M10X35 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		80	Nos
31	050101903	Socket Head Cap Screw M10X40 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		10	Nos
32	050101904	Socket Head Cap Screw M10X45 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		10	Nos
33	050101924	Socket Head Cap Screw M12X40 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		35	Nos
34	050101925	Socket Head Cap Screw M12X45 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		25	Nos
35	050101964	Socket Head Cap Screw M16X45 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		5	Nos
36	050101973	Socket Head Cap Screw M16X100 IS2269 10.9 Galvanized	3	Fasteners				Galvanized		5	Nos
37	050102432	Socket Head Cap Screw M5X16 IS2269 8.8 Galvanized	3	Fasteners			Grade 8.8	Galvanized		20	Nos
38	050102438	Socket Head Cap Screw M5X45 IS2269 8.8 Galvanized	3	Fasteners			Grade 8.8	Galvanized		10	Nos
39	050102451	Socket Head Cap Screw M6X16 IS2269 8.8 Galvanized	3	Fasteners			Grade 8.8	Galvanized		80	Nos
40	050102452	Socket Head Cap Screw M6X20 IS2269 8.8 Galvanized	3	Fasteners			Grade 8.8	Galvanized		5	Nos
41	050102455	Socket Head Cap Screw M6X35 IS2269 8.8 Galvanized	3	Fasteners			Grade 8.8	Galvanized		80	Nos
42	050103125	Socket Set Screw (Grub Screws) M5x10 IS 6094 Galvanized	3	Fasteners				Galvanized		5	Nos
43	050300047	Hexagon Nut IS1363-3 M5 12 Galvanized	3	Fasteners				Galvanized		10	Nos
44	050300053	Hexagon Nut IS1363-3 M16 12 Galvanized	3	Fasteners				Galvanized		25	Nos
45	050300099	Nylock Nut ISO 7040 M4 SS 304	3	Fasteners				SS 304		60	Nos
46	050300100	Nylock Nut ISO 7040 M5 SS 304	3	Fasteners				SS 304		130	Nos
47	050400013	Spring Washer Flat MS Galvanized, 4 MM,IS 3063	3	Fasteners				Galvanized		50	Nos
48	050400015	Spring Washer Flat MS Galvanized, 6 MM,IS 3063	3	Fasteners				Galvanized		130	Nos
49	050400016	Spring Washer Flat MS Galvanized, 8 MM,IS 3063	3	Fasteners				Galvanized		20	Nos
50	050400017	Spring Washer Flat MS Galvanized, 10 MM,IS 3063	3	Fasteners				Galvanized		100	Nos
51	050400018	Spring Washer Flat MS Galvanized, 12 MM,IS 3063	3	Fasteners				Galvanized		60	Nos
52	050400020	Spring Washer Flat MS Galvanized, 16 MM,IS 3063	3	Fasteners				Galvanized		25	Nos
53	050400053	Spring Washer Flat SS 304 , 5 MM,IS 3063	3	Fasteners				SS 304		30	Nos
54	050400074	Plain Washer MS Galvanized 4 MM ISO 7089	3	Fasteners				Galvanized		30	Nos
55	050400076	Plain Washer MS Galvanized 6 MM ISO 7089	3	Fasteners				Galvanized		200	Nos
56	050400077	Plain Washer MS Galvanized 8 MM ISO 7089	3	Fasteners				Galvanized		140	Nos
57	050400078	Plain Washer MS Galvanized 10 MM ISO 7089	3	Fasteners				Galvanized		40	Nos
58	050400079	Plain Washer MS Galvanized 12 MM ISO 7089	3	Fasteners				Galvanized		40	Nos
59	052200004	Fosroc Conbextra GP2 Grouting Cement (Non-Shrink)	3	Cement						60	Kg