System	Sub System	Rev	Part Number	Part Description	Price	Qty on Machine	QTY_1 1-5	RMA	Disclaimers
Chasis			LV_A-100-24-AS-		100	4	0		
	ASM-00030A ASM-00030A		M24x98 WHL-00001	Levelling elements WHEEL, D=100 MM, TWIN, CASTORS 800kg	200	4	0	No No	
Z Axis Z Axis Right	•								
2 Axis riigitt	ASM-00041A		PLY-00005	PULLEY, HTD5, W=9, T=48, ALU	50	1	1	No	
	ASM-00041A		PLY-00004	PULLEY, HTD6, W=9, T=24, ST	50	1	1 0	No	
	ASM-00041A ASM-00041A		BLT-00007 MTR-00002	BELT, HTD5, W=9, L=600 Step Motor, Nema 34, 9NM, L=150, Shaft 14mm	50 150	1	1	0 Yes	
	ASM-00041A		SNS-00004	Optic Sensor	50	1	1	No	
Z Axis Left	ASM-00041A		PRT-01058A	OPEN LINEAR BEARING SPPORT	110	2	0	No	
Z AXIS LOIL	ASM-00042A		PRT-01049A	LINEAR BEARING SPPORT	130	2	0	No	
Vacuum									
Vacuum Table	ASM-00045A	1	BGA1-04-003	PUSH-PULL INSERT	20	24	1	No	
	ASM-00045A		NUT-00120	NUT HEX, M20, Zinc Plated, Din 439B	10	24	1	No	
	ASM-00045A		7432_12-1_4_2_03	T- Fitting D=12mm	17	9	1	No	
	ASM-00045A ASM-00045A		7522_12-1_4_2_03 SNS-00002	Angular Fitting D=12mm INCLINOMETR, 2 AXIS, ANALOGUE OUTPUT	400	1	0	No Yes	
Vacuum Pump		,	1						
	ASM-00046A ASM-00046A	1	PMP-00003 1.5 Flexible Tube Connctor	VACUM PUMP CONNECTOR FOR FLEXIBLE TUBE 1.5'	2000 50	1 4	0	Yes No	
	ASM-00046A		Rexible Tube	1.5' Flexible Tube	90	1	0	No No	
Electrical Cabinet			T				-		
Power Supplies	ASM-00060A		MSC-00027	FAN 120x120x38, 48VDC	150	2	0	Yes	
	ASM-00060A		PWR-00004	POWER SUPLY,12ADC,0.83A	350	1	0	Yes	
	ASM-00060A	<b>!</b>	PWR-00002	POWER SUPLY,24ADC,10A	350 350	1 5	0	Yes	
	ASM-00060A ASM-00060A	+	PWR-00001 PWR-00003	POWER SUPLY,48ADC,10A POWER SUPLY,5ADC,1.5A	350 350	5 1	0	Yes Yes	
Safety Interlocks									
PC Computer	ASM-00060A	1	PWR-00003	Safety Interlock + Electronic Locker	180	0	0	Yes	
PC Computer	COM-00009	1	COM-00009	Machine PC	3000	1	0	Yes	
	ACS Dongle		ACS Dongle	ACS Dongle	1000			Yes	
Motiom PDMT						1			
	ASM-00064A		DRV-00001	4 Axis Pulse/Direction Interface & Laser Control Module	1200		0	Yes	
X&Y Servo Drivers	ASM-00060A	1	DRV-00030	SERVO DRIVER THREE PHASE 220VAC 30A 2500 LINE EN	350	4		Yes	T.
Stepper Drivers	ASM-00060A	1	DRV-00030	SERVO DRIVER, IMREE PHASE, 220VAC, 30A, 2000 LINE EN	350	4	1	res	
Z & E						1		1	
Z & M	ASM-00065A ASM-00065A		DRV-00003 DRV-00003		150		0	Yes	
C.B									
	ASM-00060A		CBR-00001	CIRCUIT BREAKER, THERMAL-MAGNETIC, AC, 4-6.3A,3 PC	50 50	7	0	No	
	ASM-00060A ASM-00060A		CBR-00003 CBR-00004	CIRCUIT BREAKER, 10A, TWO POLE, STANDARD PAKAGI CIRCUIT BREAKER, 3A, SINGLE POLE, STANDARD PAKA	50	6	0	No No	
	ASM-00060A		CBR-00005	CIRCUIT BREAKER,6A, SINGLE POLE, STANDARD PAKAG	50	5	0	No	
	ASM-00060A ASM-00060A		CBR-00006 CBR-00007	CIRCUIT BREAKER, 1A, SINGLE POLE, STANDARD PAKAC CIRCUIT BREAKER, 0.5A, SINGLE POLE, STANDARD PAKA	50 50	2	0	No No	
	ASM-00060A		CBR-00008	CIRCUIT BREAKER, 10A, THREE POLE, STANDARD PAKA	50	1	0	No	
	ASM-00060A		REL-00002	SLIM RELAY,24VDC	35 35	4 5	0	No	
	ASM-00060A ASM-00060A	1	CON-00004 CON-00005	FUSE TERMINAL, 6MM*2,LED,10-36V DC/AC,SCREW CON FUSE TERMINAL, 6MM*2,LED,30-70V DC/AC,SCREW CON	35	9	0	No No	
	ASM-00060A		REL-00002	SLIM RELAY,24VDC	35	4	0	No	
PLC	ASM-00060A	T	COM-00003	VO Module - EtherCAT Coupler	300	1	0	Yes	
	ASM-00060A		COM-00004	I/O Module - DI	300	2	0	Yes	
	ASM-00060A		COM-00005	I/O Module - DO	300 300	3	0	Yes	
	ASM-00060A ASM-00060A	1	COM-00008 COM-00007	VO Module - AI (0-10V) VO Module - AO (0-10V)	300	1	0	Yes Yes	
Print Head - Dispenser									
	ASM-00206A	1	BLT-00001 MTR-00003	BELT, HTD3, W=9, L=309	50 150	1	1	No	
	ASM-00206A ASM-00206A	1	PMP-00001	Step Motor, Nema 23, NM, L=, Shaft 6.35mm  DESPENSER 15.3, 1.7 ML/REV, 3-5 NM, 150 RPM, L S	5600	1	1	Yes Yes	
	ASM-00206A		PRT-00162A	SHAFT, DISPENSER DRIVE	350	1	1	Yes	
	ASM-00206A	1	PRT-00650A	LOCKING RING, 10 MM	80	1	0	No	
uv	-								
7	ASM-00502A		UVL-00001	UV LED SOURCE,396nm,76mm ,6W/cm2 , FLAT GLASS	4200	4	1	Yes	
Z	ASM-00502A	T	MTR-00003	Step Motor, Nema 23, NM, L=, Shaft 6.35mm	150	4	1	Yes	
Motion System									
	ASM-00502A ASM-00502A	1	SNS-00004 BLT-00003	Optic Sensor BELT, 8MR, W=30, STEEL CORD, 30 M, OPEN	50 50	20	2	N N	
	ASM-00502A ASM-00502A		BLT-00004	BELT, 5MR, W=25, L=500, GT3	50	4	1	No No	
V Martin David	ASM-00502A	1	BLT-00005	BELT, HTD3, W=9, L=267	50	2	1	No	
X Motion System	ASM-00502A		MTR-08075	Servo Motor, 80mm Flange,1200watt,3000rpm,2500ppr	150	2	1	Yes	
Y Motion System									l.
	ASM-00502A		MTR-08120	Servo Motor, 80mm Flange,750watt,3000rpm,2500ppr	150	2	1	Yes	

Cables								
	Cables	MA-01-5001	Servo Motor Y-Axis #1 - Power	140	1	1	No	
	Cables	MA-01-5002	Servo Motor Y-Axis #1 - Encoder	100	1	1	No	
	Cables	MA-01-5006	UV #1, #2 Power	130	1	1	No	
	Cables	MA-01-5008	UV #1, #2 Intensity	130	1	1	No	
	Cables	MA-01-5014	Stepper Motor z-Axis #1 - Power	140	1	1	No	
	Cables	MA-01-5017	Stepper Motor E-Axis #1 - Power	140	1	1	No	
	Cables	MA-01-5020	Servo Motor Y-Axis #2 - Encoder	100	1	1	No	
	Cables	MA-01-5024	UV #3, #4 Power	140	1	1	No	
	Cables	MA-01-5026	UV #3, #4 Intensity	130	1	1	No	
	Cables	MA-01-5032	Stepper Motor z-Axis #2 - Power	140	1	1	No	
	Cables	MA-01-5035	Stepper Motor E-Axis #2 - Power	140	1	1	No	
	Cables	MA-01-5037	Servo Motor X-Axis #1 - Power	140	1	1	No	
	Cables	MA-01-5038	Servo Motor X-Axis #1 - Encoder	100	-			
		MA-01-5042		140	1	1	No	
	Cables	MA-01-5042 MA-01-5043	Servo Motor X-Axis #2 - Power				No	
	Cables		Servo Motor X-Axis #2 - Encoder	100	1	1	No	
	Cables	MA-01-5012	UV Extension Cable	70	4	1	No	
	Cables	MA-01-5049	Material Quantity Indication Sens	110	1	1	No	
	Cables	MA-01-5054	Stepper Motor Z Right-Axis - Power	140	1	1	No	
Material Line								
Lower Material Line - Cabinet								
	Material Line	ASM-00164A	ASSY, MECH, PUMP FITINGS	450	1	1	No	
	Material Line	PRT-00700A	Bucket plate	450	1	1	No	
	Material Line	PRT-00839A	Pneumatic Box	3000	1	0	Yes	
	Material Line	FESTO 6mm tube #159664	8mm TUBE (QTY in m)	35	20	1	No	1
	Material Line	FESTO 4mm tube #159662	4mm TUBE (QTY in m)	35	5	1	No	1
	Material Line	FESTO 8mm tube #159666	8mm TUBE (QTY in m)	35	5	1	No No	1
		FESTO 10mm tube #159668		35	5	1		+
	Material Line		10mm TUBE (QTY in m)		4	0	No	
	Material Line	 SNS-00001	PRESSURE TRANSMITTER, ANALOG 0.1-10 V, 16 BAR, G1	120	4	0	No	<u> </u>
Material Dispenser								
	ASM-00147A	ASM-00145A	ASSY, MECH, FOLLOWER PLATE	2000	1	1	Yes	1
	ASM-00147A	BLT-00002	BELT, 455 HTD5, W=9	50	1	1	No	
	ASM-00147A	MTR-00002	Step Motor, Nema 34, 9NM, L=150, Shaft 14mm	150	1	1	Yes	
	ASM-00147A	PMP-00002	DESPENCER 36, 4 ML/REV, 8-15 NM, 150 RPM, L SEAL	5600	1	1	Yes	
	ASM-00147A	PRT-00760A	Seal size 1	240	1	1	No	
	ASM-00147A	PRT-00901A	Seal size 2	250	1	1	No	
	ASM-00147A	PRT-00902A	Seal size 3	250	1	1	No	
Material Housing & Fiiting								
Material Housing & Fiiting	Motorial Line	NOVOR AST order to be #100	NOVORI ACT makes take #10200_16520100an00	250	5	0	No	
Material Housing & Fiiting	Material Line	NOVOPLAST nylon tube #1020		250 250	5	0	No No	
Material Housing & Fiiting	Material Line	NOVOPLAST nylon tube #1020	NOVOPLAST nylon tube #10200- 18050100xx00	250	5	0	No	
			NOVOPLAST nylon tube #10200- 18050100xx00					
Material Housing & Fiiting  Upper Material Line	Material Line Material Line	NOVOPLAST nylon tube #1020 NOVOPLAST nylon tube #1020	NOVOPLAST nylon tube #10200- 18050100xx00 NOVOPLAST nylon tube #10200- 27030100xx00	250 250	5	0	No No	
	Material Line Material Line Material Line	NOVOPLAST nylon tube #1020 NOVOPLAST nylon tube #1020 ASM-00917A	NOVOPLAST nylon tube #10200- 18050100xx00  NOVOPLAST nylon tube #10200- 27030100xx00  ASSY, MECH, HOT SWAP PISTON	250 250 2000	5 10	0 0	No No	
Upper Material Line	Material Line Material Line	NOVOPLAST nylon tube #1020 NOVOPLAST nylon tube #1020	NOVOPLAST nylon tube #10200- 18050100xx00 NOVOPLAST nylon tube #10200- 27030100xx00	250 250	5	0	No No	
	Material Line Material Line Material Line	NOVOPLAST nylon tube #1020 NOVOPLAST nylon tube #1020 ASM-00917A	NOVOPLAST nylon tube #10200- 18050100xx00  NOVOPLAST nylon tube #10200- 27030100xx00  ASSY, MECH, HOT SWAP PISTON	250 250 2000 350	5 10	0 0	No No	
Upper Material Line	Material Line Material Line Material Line	NOVOPLAST nylon tube #1020 NOVOPLAST nylon tube #1020 ASM-00917A	NOVOPLAST nylon tube #10200- 18050100xx00  NOVOPLAST nylon tube #10200- 27030100xx00  ASSY, MECH, HOT SWAP PISTON	250 250 2000	5 10	0 0	No No	
Upper Material Line	Material Line Material Line  Material Line  Material Line	NOVOPLAST nylon tube #1020 NOVOPLAST nylon tube #1020 ASM-00917A FLT-0001	NOVOPLAST myton tube #10200- 18050100x000 NOVOPLAST myton tube #10200- 27030100x000 ASSY, MECH, HOT SWAP PISTON FLT-0001	250 250 2000 350	5 10 2 2 2	0 0 1	No No No No	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables	Material Line Material Line  Material Line  Material Line	NOVOPLAST nylon tube #1020 NOVOPLAST nylon tube #1020 ASM-00917A FLT-0001	NOVOPLAST myton tube #10200- 18050100x000 NOVOPLAST myton tube #10200- 27030100x000 ASSY, MECH, HOT SWAP PISTON FLT-0001	250 250 2000 350	5 10 2 2 2	0 0 1	No No No No	
Upper Material Line Pneomatic Line	Material Line Material Line Material Line Material Line Material Line Material Line Main Air line regulator ASM-00084A	NOVOPLAST nylon tube #102/ NOVOPLAST nylon tube #102/ ASM-00917A FLT-0001 Main Air line regulator	NOVOPLAST nylon take #10200- 18000100xx00 NOVOPLAST nylon tube #10200- 27030100xx00 ASSY, MECH, HOT SWAP PISTON FLT 0001 Main Air line negulator	250 250 250 2000 350 300	5 10 2 2 2	0 0 1	No No No No	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables	Material Line Material Line Material Line Material Line Material Line Material Line Main Air line regulator  ASM-00084A jig-00073	NOVOPLAST nylon tube #102/ NOVOPLAST nylon tube #102/ ASM-00917A FLT-0001 Main Air line regulator	NOVOPLAST nylon tibe #10200- 18000100xx00 NOVOPLAST nylon tibe #10200- 27030100xx00 ASSY, MECH, HOT SWAP PISTON FLT-0001 Main Air line regulator ROOF LIFTING JIG JIE	250 250 2000 350	5 10 2 2 2	0 0 1	No No No No Yes Yes	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables	Material Line	NOVOPLAST nylon tube #102/ NOVOPLAST nylon tube #102/ ASM-00917A FLT-0001 Main Air line regulator	NOVOPLAST ry/on the #10200- 19000100xx00 NOVOPLAST ry/on tube #10200- 27030100xx00 ASSY, MECH, HOT SWAP PISTON PLT 0001 Main Air line regulator ROOF LETTING JIIG Jijg Jijg	250 250 2000 350 300 350 350	5 10 2 2 2	0 0 1 1 0 0 1 1	No No No No Yes Yes Yes	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables	Material Line Material Line Material Line Material Line Material Line Material Line Main Air line regulator ASM-00084A jip-00073 jip-00081 jip-00110	NOVOPLAST nylon tube #102/ NOVOPLAST nylon tube #102/ ASM-00917A FLT-0001 Main Air line regulator	NOVOPLAST nylon tibe #10200- 1900/100xx00  NOVOPLAST nylon tibe #10200- 27030100xx00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  RODOF LIFTING JIIG  Jig  Jig  Jig	250 250 200 350 300 350 350 350 350 350	5 10 2 2 2	0 0 1 0	No No No No Yes Yes Yes Yes	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables	Material Line  Materi	NOVOPLAST nylon tube #102/ NOVOPLAST nylon tube #102/ ASM-00917A FLT-0001 Main Air line regulator	NOVOPLAST rylon tibe #10200- 19000100x00 NOVOPLAST rylon tibe #10200- 27030100x00  ASSY, MECH, HOT SWAP PISTON FLT-0001  Main Air line regulator ROOF LIFTING JIG Jig Jig Jig Jig	250 250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 2	0 0 1 0	No No No No Yes Yes Yes	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables	Material Line Material Line Material Line Material Line Material Line Material Line Main Air line regulator ASM-00084A jip-00073 jip-00081 jip-00110	NOVOPLAST nylon tube #102/ NOVOPLAST nylon tube #102/ ASM-00917A FLT-0001 Main Air line regulator	NOVOPLAST nylon tise #10200- 18000100xx00 NOVOPLAST nylon tise #10200- 27030100xx00 ASSY, MECH, HOT SWAP PISTON PLT-0001 Main Air line regulator RODEF LIFTING JIG Jig Jig Jig Jig Tools	250 250 200 350 300 350 350 350 350 350	5 10 2 2 2	0 0 1 0	No No No No Yes Yes Yes Yes	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables  Jigs & Tools	Material Line  Materi	NOVOPLAST nylon tube #102/ NOVOPLAST nylon tube #102/ ASM-00917A FLT-0001  Main Air line regulator	NOVOPLAST rylon tibe #10200- 19000100x00 NOVOPLAST rylon tibe #10200- 27030100x00  ASSY, MECH, HOT SWAP PISTON FLT-0001  Main Air line regulator ROOF LIFTING JIG Jig Jig Jig Jig	250 250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 2	0 0 1 0	No No No No Yes Yes Yes Yes	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables	Material Line Malin Air line regulator  ASM-00084A jip.00073 jip.00073 jip.00081 jip.00110 pp.01180 Vacuum Table Adjustment tool	NOVOPLAST rylon side #1020 NOVOPLAST rylon side #1020 ASM 90917A PLT-0001 Main Air line regulator PRT-01190A	NOVOPLAST nylon tise #10200- 18000100xx00 NOVOPLAST nylon tise #10200- 27030100xx00  ASSY, MECH, HOT SWAP PISTON FLT-0x01  Main Air line regulator  ROOF LIFTING JIG	250 250 250 300 350 300 350 350 350 350 350 350 3	5 10 2 2 2 1 1	0 0 1 1 0	No No No No Yes Yes Yes Yes Yes	
Upper Material Line Preomatic Line Tools Jig and Consumables Jigs & Tools  Material TUBES KIT	Material Line  Materi	NOVOPLAST nylon tube #102/ NOVOPLAST nylon tube #102/ ASM-00917A FLT-0001  Main Air line regulator	NOVOPLAST nylon tise #10200- 18000100xx00 NOVOPLAST nylon tise #10200- 27030100xx00 ASSY, MECH, HOT SWAP PISTON PLT-0001 Main Air line regulator RODEF LIFTING JIG Jig Jig Jig Jig Tools	250 250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 2	0 0 1 0	No No No No Yes Yes Yes Yes	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables  Jigs & Tools	Material Line ASM-00084A ije,00073 ije,00071 ije,00010 jp,00110 pp,01190 Vacuum Table Adjustment tool Material Line	NOVOPLAST rylon side of 1020 NOVOPLAST rylon side of 1020 ASM 00017A PLT-0001 Main Air line regulator PRT-01180A MAIN TUBE TUBES KIT	NOVOPLAST nylon tise #10200- 19000100x000 NOVOPLAST nylon tise #10200- 27030100x000  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  RODE LETTING JIG Jig Jig Jig Jig Trools  Consumables  TUBES KIT	250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 2 1 1 1	0 0 1 0 0 1 1 1 1 1	No No No No No No No No Yes Yes Yes Yes Yes No	
Upper Material Line Preomatic Line Tools Jig and Consumables Jigs & Tools  Material TUBES KIT	Material Line Material Line Material Line Material Line Material Line Material Line Main Air line regulator ASM-0004A jig-00073 jig-00081 jig-00110 ph-01180 Vacuum Table Adjustment tool Material Line ASM-00206A	NOVOP-AST rylen side #102 ASM-00917A ASM-00917A FLT-0001  Main Air line regulator  PRT-01180A  MAIN TUBE TUBES KIT  PRT-00832A	NOVOPLAST rybon tube #10200- 19000100x00  ASSY, MECH, HOT SWAP PIRTON FLT 0001  Main Air tine regulator  ROOF LIFTING JIG Jig Jig Jig Jig Tools  Consumables  TUBES KIT	250 250 250 2000 350 350 350 350 350 350 150	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 2 2	0 0 1 0 0 1 1 1 1 1 1	No N	
Upper Material Line  Precomatic Line  Tools Jig and Consumables  Jigs & Tools  Material TUBES KIT  Consumables	Material Line ASM-00084A ije,00073 ije,00071 ije,00010 jp,00110 pp,01190 Vacuum Table Adjustment tool Material Line	NOVOPLAST rylon side of 1020 NOVOPLAST rylon side of 1020 ASM 00017A PLT-0001 Main Air line regulator PRT-01180A MAIN TUBE TUBES KIT	NOVOPLAST nylon tise #10200- 19000100x000 NOVOPLAST nylon tise #10200- 27030100x000  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  RODE LETTING JIG Jig Jig Jig Jig Trools  Consumables  TUBES KIT	250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 2 1 1 1	0 0 1 0 0 1 1 1 1 1	No No No No No No No No Yes Yes Yes Yes Yes No	
Upper Material Line Preomatic Line Tools Jig and Consumables Jigs & Tools  Material TUBES KIT	Material Line  Material Line  Material Line  Material Line  Material Line  Material Line  Main Air line regulator  ASM-00084A  ije-00073  jje-00081  jje-00110  pri-01180  Vacuum Table Adjustmens tool  Material Line  ASM-00086A  ASM-00086A	NOVOP-AST rylen side #102 ASM-00917A ASM-00917A FLT-0001  Main Air line regulator  PRT-01180A  MAIN TUBE TUBES KIT  PRT-00832A	NOVOPLAST rybon tube #10200- 19000100x00  ASSY, MECH, HOT SWAP PIRTON FLT 0001  Main Air tine regulator  ROOF LIFTING JIG Jig Jig Jig Jig Tools  Consumables  TUBES KIT	250 250 250 250 350 350 350 350 350 350 350 350 350 3	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 2 2	0 0 1 0 0 1 1 1 1 1 1	No N	
Upper Material Line  Precomatic Line  Tools Jig and Consumables  Jigs & Tools  Material TUBES KIT  Consumables	Material Line Material Line Material Line Material Line Material Line Material Line Main Air line regulator ASM-0004A jig-00073 jig-00081 jig-00110 ph-01180 Vacuum Table Adjustment tool Material Line ASM-00206A	NOVOP-AST rylen side #102 ASM-00917A ASM-00917A FLT-0001  Main Air line regulator  PRT-01180A  MAIN TUBE TUBES KIT  PRT-00832A	NOVOPLAST rybon tube #10200- 19000100x00  ASSY, MECH, HOT SWAP PIRTON FLT 0001  Main Air tine regulator  ROOF LIFTING JIG Jig Jig Jig Jig Tools  Consumables  TUBES KIT	250 250 250 2000 350 350 350 350 350 350 150	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 2 2	0 0 1 0 0 1 1 1 1 1 1	No N	
Upper Material Line  Precomatic Line  Tools Jig and Consumables  Jigs & Tools  Material TUBES KIT  Consumables	Material Line  Material Line  Material Line  Material Line  Material Line  Material Line  Main Air line regulator  ASM-00084A  ije-00073  jje-00081  jje-00110  pri-01180  Vacuum Table Adjustmens tool  Material Line  ASM-00086A  ASM-00086A	NOVOPLAST rylon table #1020 NOVOPLAST rylon table #1020 ASM-00917A FLT-00011 Main Air line regulator PRT-01180A  MAIN TUBE TUBES NIT PRT-00833A	NOVOPLAST rybon the #10200- 19000100x00 NOVOPLAST rybon the #10200- 27030100x00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line negulator  ROOF LETTING JIIG JIIG JIIG JIIG Tools Consumables  TUBES NT  NOZZE, ETP 1.8  NOZZE, ETP 2.3  Dispenser Grease 1kg	250 250 250 250 350 350 350 350 350 350 350 350 350 3	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 2 2	0 0 0 1 1 1 1 1 1 1 1 1 1 5 5 5 5	No	
Upper Material Line Preomatic Line Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT Consumables Grease	Material Line ASM-00006A ASM-00006A ASM-00006A	NOVOPAST rylen side #102 NOVOPAST rylen side #102 ASM/00017A RT-0001 Main All line regulator PRT-01180A  MANN TUBE TUBES NOT PRT-0003DA MTR-GR50001	NOVOPLAST nylon tise #10200- 19000100xx00 NOVOPLAST nylon tise #10200- 27030100xx00  ASSY, MECH, HOT SWAP PISTON FLT-0x01  Main Air line regulator  ROOF LIFTING JIG Jig Jig Tools Consumables  TUBES KIT  NOZZLE TIP 1.8  NOZZLE TIP 2.3	250 250 250 2000 350 350 350 350 350 350 350 150 150 60	5 5 10 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line  Precomatic Line  Tools Jig and Consumables  Jigs & Tools  Material TUBES KIT  Consumables	Material Line ASM-00084A Iji9,00073 Iji9,00073 Iji9,00010 JP0,01100 Vacuum Table Adjustment tool Material Line ASM-00006A ASM-00006A ASM-00006A MTR-GRS0001 MTR-GRS0001	NOVPR-AST rylen side #1020  ASM/00917A	NOVOPLAST rybon the #10200- 19000100x000 NOVOPLAST rybon the #10200- 27030100x000  ASSY, MECH, HOT SWAP PISTON PLT 0001  Main Air line regulator  ROOF LETING JIG Jig Jig Jig Tools Consumables  TUBES KIT  NOZZLE TIP 1.8  NOZZLE TIP 2.3  Dispensor Gresse 1kg Al Around gresse 1 kg	250 250 250 2000 300 300 300 350 350 350 350 350 350	5 5 10 2 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line Preomatic Line Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT Consumables Grease	Material Line  ASM-00084A  jig-00073  jig-00081  jig-00100  jig-00110  pr-01180  Vacuum Table Adjustment tool  Material Line  ASM-00000A  MTR-GRS0001  MTR-GRS0001  MTR-GRS0001  MTR-GRS0002  ASM-00000A	NOVOPLAST rylon side of 1020 NOVOPLAST rylon side of 1020 ASM 405917A PLT-00017 Main Air line regulator PRT-01180A  MAIN TUBE TUBES NIT PRT-00532A PRT-00532A PRT-005001 MTR-GR50001 MTR-GR50002	NOVOPLAST nylon tise #10200- 19000100x00 NOVOPLAST nylon tise #10200- 27030100x00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  ROOF LETING JIG	250 250 250 2000 350 350 350 350 350 350 350	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line  Pneomatic Line  Tools Jig and Consumables  Jigs & Tools  Material TUBES RIT  Consumables  Grease  Cleaning Station	Material Line ASM-00084A Iji9,00073 Iji9,00073 Iji9,00010 JP0,01100 Vacuum Table Adjustment tool Material Line ASM-00006A ASM-00006A ASM-00006A MTR-GRS0001 MTR-GRS0001	NOVPR-AST rylen side #1020  ASM/00917A	NOVOPLAST rybon the #10200- 19000100x000 NOVOPLAST rybon the #10200- 27030100x000  ASSY, MECH, HOT SWAP PISTON PLT 0001  Main Air line regulator  ROOF LETING JIG Jig Jig Jig Tools Consumables  TUBES KIT  NOZZLE TIP 1.8  NOZZLE TIP 2.3  Dispensor Gresse 1kg Al Around gresse 1 kg	250 250 250 2000 300 300 300 350 350 350 350 350 350	5 10 2 2 1 1 1 1 1 1 2 2 2 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line Preomatic Line Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT Consumables Grease	Material Line ASM-00068A ije 00073 ije 00073 ije 00010 prt-01180 Vacuum Table Adjustment tool Material Line ASM-00006A ASM-00006A MTR-GRS0001 MTR-GRS0002 ASM-00000A ASM-00000A	NOVOPLAST rylon side of 1020 NOVOPLAST rylon side of 1020 ASM 400H7A PLT-00011 Main Air line regulator PRT-01180A  MAN TUBE TUBES KIT PRT-00832A  MTR-GR80001 MTR-GR80001 PRT-0079A PRT-0079A	NOVOPLAST nylon tise #10200- 19000100x00 NOVOPLAST nylon tise #10200- 27030100x00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  ROOF LIFTING JIG	250 250 250 2000 350 350 350 350 350 350 350	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line Precomatic Line Tools Jig and Consumables Jigs & Tools  Material TUBES KIT Consumables Grease Cleaning Station DIMENGEI	Material Line ASM-00084A Ije 00073 Ije 00073 Ije 00081 Ije 00010 Vacuum Table Adjustment tool Material Line ASM-00000A ASM-00000A ASM-00000A ASM-00000A ASM-00000A ASM-00000A MSV0010S	NOVOPAST rylen side 9100  ASM/00917A  ASM/00917A  RT-0001  Main All line regulator  PRT-01180A  MAN TUBE TUBES KIT  PRT-00830A  PRT-00830A  MTR-GR80001  MTR-GR80001  MTR-GR80001  MTR-GR80002  PRT-0097A  PRT-0097A	NOVOPLAST rybon the #10200- 19000100x000  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  ROOF LETING JIG Jig Jig Jig Tools  Consumables  TUBES KIT  NOCZLE TIP 1.8  NOCZLE TIP 2.3  Dispenser Greate 1 kg JIA A Avourd greate 1 kg STATIC BRUSH LICEANING NOME	250 250 250 250 250 350 350 350 350 350 350 350 350 350 3	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line  Preomatic Line  Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT  Consumables  Grease  Cleaning Station  DIMENGE!  Line Filter	Material Line  ASM-00084A  ije 00073  ije 00081  ije 00110  pp 01100  Vacuum Table Adjustment tool  Material Line  Material Line  Material Line  Material Line  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  MSW-00100S  FLT-00001	NOVOPLAST rylon side of 1020 NOVOPLAST rylon side of 1020 ASM 400H7A PLT-00011 Main Air line regulator PRT-01180A  MAN TUBE TUBES KIT PRT-00832A  MTR-GR80001 MTR-GR80001 PRT-0079A PRT-0079A	NOVOPLAST rybon the #10200- 19000100x000  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  ROOF LETING JIG Jig Jig Jig Tools  Consumables  TUBES KIT  NOCZLE TIP 1.8  NOCZLE TIP 2.3  Dispenser Greate 1 kg JIA A Avourd greate 1 kg STATIC BRUSH LICEANING NOME	250 250 250 2000 350 350 350 350 350 350 350	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line Preomatic Line Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT Consumables     Grease     Cleaning Station     DIMENGel     Line Filter     UV Protection glas	Material Line  ASM-00084A  ije 00073  ije 00081  ije 00110  pp 01100  Vacuum Table Adjustment tool  Material Line  Material Line  Material Line  Material Line  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  ASM-00000A  MSW-00100S  FLT-00001	NOVOPAST rylen side 9100  ASM/00917A  ASM/00917A  RT-0001  Main All line regulator  PRT-01180A  MAN TUBE TUBES KIT  PRT-00830A  PRT-00830A  MTR-GR80001  MTR-GR80001  MTR-GR80001  MTR-GR80002  PRT-0097A  PRT-0097A	NOVOPLAST rybon the #10200- 19000100x000  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  ROOF LETING JIG Jig Jig Jig Tools  Consumables  TUBES KIT  NOCZLE TIP 1.8  NOCZLE TIP 2.3  Dispenser Greate 1 kg JIA A Avourd greate 1 kg STATIC BRUSH LICEANING NOME	250 250 250 250 250 350 350 350 350 350 350 350 350 350 3	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line  Preomatic Line  Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT  Consumables  Grease  Cleaning Station  DIMENGE!  Line Filter     UV Protection glas     Gloves	Material Line ASM-00084A Ije 00073 Ije 00081 Ije 00010 pp-0-1180 Vacuum Table Adjustment tool  Material Line ASM-00006A ASM-00006A MTR-GRS0001 MTR-GRS0001 MTR-GRS0000 MSV00105 Ig-00001	NOVOPLAST rylen size #102  NOVOPLAST rylen size #102  ASM-00917A  PLT-0001  Main All line regulator  PRT-01180A  MAN TUBE TUBES NIT  PRT-0092A  MRT-GR50001  MRT-GR50001  MRT-GR50001  MRT-GR50002  PRT-0010PA  PRT-0011A  DIMBNIGE  S00 risicon line Filter for Gel line	NOVOPLAST rybon the #10200- 19000100x000  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  ROOF LETING JIG Jig Jig Jig Tools  Consumables  TUBES KIT  NOCZLE TIP 1.8  NOCZLE TIP 2.3  Dispenser Greate 1 kg JIA A Avourd greate 1 kg STATIC BRUSH LICEANING NOME	250 250 250 250 250 350 350 350 350 350 350 350 350 350 3	5 10 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line Preomatic Line Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT Consumables     Grease     Cleaning Station     DIMENGel     Line Filter     UV Protection glas	Material Line ASM-00084A Ije 00073 Ije 00081 Ije 00010 pp-0-1180 Vacuum Table Adjustment tool  Material Line ASM-00006A ASM-00006A MTR-GRS0001 MTR-GRS0001 MTR-GRS0000 MSV00105 Ig-00001	NOVOPAST rylen side 9100  ASM/00917A  ASM/00917A  RT-0001  Main All line regulator  PRT-01180A  MAN TUBE TUBES KIT  PRT-00830A  PRT-00830A  MTR-GR80001  MTR-GR80001  MTR-GR80001  MTR-GR80002  PRT-0097A  PRT-0097A	NOVOPLAST rybon the #10200- 19000100x000  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line regulator  ROOF LETING JIG Jig Jig Jig Tools  Consumables  TUBES KIT  NOCZLE TIP 1.8  NOCZLE TIP 2.3  Dispenser Greate 1 kg JIA A Avourd greate 1 kg STATIC BRUSH LICEANING NOME	250 250 250 250 250 350 350 350 350 350 350 350 350 350 3	5 10 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line  Preomatic Line  Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT  Consumables  Grease  Cleaning Station  DIMENGE!  Line Filter     UV Protection glas     Gloves	Material Line ASM-00084A Ije 00073 Ije 00081 Ije 00010 pp-0-1180 Vacuum Table Adjustment tool  Material Line ASM-00006A ASM-00006A MTR-GRS0001 MTR-GRS0001 MTR-GRS0000 MSV00105 Ig-00001	NOVOPLAST rylen size #102  NOVOPLAST rylen size #102  ASM-00917A  PLT-0001  Main All line regulator  PRT-01180A  MAN TUBE TUBES NIT  PRT-0092A  MRT-GR50001  MRT-GR50001  MRT-GR50001  MRT-GR50002  PRT-0010PA  PRT-0011A  DIMBNIGE  S00 risicon line Filter for Gel line	NOVOPLAST rylon tibe #10200-1900100x00 NOVOPLAST rylon tibe #10200-27030100x00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line negulator  ROOF LETTING JIIG JIIG JIIG JIIG JIIG JIIG JIIG JII	250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line  Preomatic Line  Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT  Consumables  Grease  Cleaning Station  DIMENGel     Line Filter     UV Protection glas     Gloves     Cleaning hand Soa	Material Line ASM-00084A Ije 00073 Ije 00081 Ije 00010 pp-0-1180 Vacuum Table Adjustment tool  Material Line ASM-00006A ASM-00006A MTR-GRS0001 MTR-GRS0001 MTR-GRS0000 MSV00105 Ig-00001	NOVOPLAST rylen size #102  NOVOPLAST rylen size #102  ASM-00917A  PLT-0001  Main All line regulator  PRT-01180A  MAN TUBE TUBES NIT  PRT-0092A  MRT-GR50001  MRT-GR50001  MRT-GR50001  MRT-GR50002  PRT-0010A  DMBNGE  S00 risicon line Filter for Gel line	NOVOPLAST rylon tibe #10200-1900100x00 NOVOPLAST rylon tibe #10200-27030100x00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line negulator  ROOF LETTING JIIG JIIG JIIG JIIG JIIG JIIG JIIG JII	250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line  Preomatic Line  Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT  Consumables  Grease  Cleaning Station  DIMENGel     Line Filter     UV Protection glas     Gloves     Cleaning hand Soa	Material Line  ASM-00084A  ije.00073  ije.00081  ije.00010  pn.01180  Vacuum Table Adjustment tool  Material Line  ASM-00006A  ASM-00006A  MTR-GRS0001  MTR-GRS0001  MTR-GRS0000A  MSV-00000A  MSV-000005  FT-000001  MSV-SOAP	NOVOPAST rylen size #1020  ASM/00017A T rylen size #1020  ASM/00017A  PRT-00010  Main All line regulator  PRT-01180A  MAN TUBE TUBES NOT  PRT-00180A  MAN TUBE TUBES NOT  PRT-00080A  MTR-GR50001  MTR-GR50001  MTR-GR50001  MTR-GR50001  MTR-GR50001  DMB/GE - Hond Scop  DMB/GE - Hond Scop	NOVOPLAST rylon tibe #10200-1900100x00 NOVOPLAST rylon tibe #10200-27030100x00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line negulator  ROOF LETTING JIIG JIIG JIIG JIIG JIIG JIIG JIIG JII	250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line Pneomatic Line Tools Jig and Consumables Jigs & Tools  Material TUBES IGT Consumables  Grease Cleaning Station  DIMENGel Line Filter UV Protection glas Gloves Cleaning hand Soa Poly-GAL	Material Line  ASM-00084A  Ije 00073  Ije 00010  Vacuum Table Adjustment tool  Material Line  ASM-00006A  ASM-00006A  ASM-00006A  MTR-GRS0001  MTR-GRS0000  MTR-GRS0000A  MSW-00000A	NOVOPAST rylen size 8100  ASM/00917A  ASM/00917A  ASM/00917A  ASM/00917A  ASM/00917A  ASM/00917A  Main All line regulator  PRT-01180A  MANN TUBE TUBES KRT  PRT-0003DA  MTR-GR80001  MTR-GR80001  MTR-GR80001  MTR-GR80002  DIMENGEL Hond Soop  POLYGAL	NOVOPLAST rybon the #10200- 19000100x00 NOVOPLAST rybon the #10200- 27030100x00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line negulator  ROOF LETTING JIIG JIIG JIIG JIIG JIIG JIIG JIIG JII	250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	
Upper Material Line  Preomatic Line  Tools Jig and Consumables     Jigs & Tools  Material TUBES KIT  Consumables  Grease  Cleaning Station  DIMENGel     Line Filter     UV Protection glas     Gloves     Cleaning hand Soa	Material Line  ASM-00084A  ije.00073  ije.00081  ije.00010  pn.01180  Vacuum Table Adjustment tool  Material Line  ASM-00006A  ASM-00006A  MTR-GRS0001  MTR-GRS0001  MTR-GRS0000A  MSV-00000A  MSV-000005  FT-000001  MSV-SOAP	NOVOPAST rylen size #1020  ASM/00017A T rylen size #1020  ASM/00017A  PRT-00010  Main All line regulator  PRT-01180A  MAN TUBE TUBES NOT  PRT-00180A  MAN TUBE TUBES NOT  PRT-00080A  MTR-GR50001  MTR-GR50001  MTR-GR50001  MTR-GR50001  MTR-GR50001  DMB/GE - Hond Scop  DMB/GE - Hond Scop	NOVOPLAST rylon tibe #10200-1900100x00 NOVOPLAST rylon tibe #10200-27030100x00  ASSY, MECH, HOT SWAP PISTON PLT-0001  Main Air line negulator  ROOF LETTING JIIG JIIG JIIG JIIG JIIG JIIG JIIG JII	250 250 2000 350 350 350 350 350 350 350 350 350	5 10 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	No	