

MASSIVit 1800 RSPL

System	Sub System	Rev	Part Number	Part Description	Price	Qty on Machine	QTY 1 1-5	RMA	Disclaimers
Chassis									
	ASM-00030A		LV-A-100-24-AS- M24x58	Leveling elements	100	4	0	No	
	ASM-00030A		WHL-00001	WHEEL, D=100 MM, TWIN, CASTORS 800kg	200	4	0	No	
Z Axis Z Axis Right									
	ASM-00041A		PLY-00005	PULLEY, HTD5, W=6, T=48, ALU	50	1	1	No	
	ASM-00041A		PLY-00004	PULLEY, HTD5, W=6, T=24, ST	50	1	1	No	
	ASM-00041A		BLT-00007	BELT, HTD5, W=9, L=600	50	1	0	0	
	ASM-00041A		MTR-00002	Step Motor, Nema 34, 9NM, L=150, Shaft 14mm	150	1	1	Yes	
	ASM-00041A		SNS-00004	Optic Sensor	50	1	1	No	
	ASM-00041A		PRT-01058A	OPEN LINEAR BEARING SPPORT	110	2	0	No	
	ASM-00042A		PRT-01048A	LINEAR BEARING SPPORT	130	2	0	No	
Vacuum Vacuum Table									
	ASM-00045A		BGA1-04-003	PUSH-PULL INSERT	20	24	1	No	
	ASM-00045A		NUT-00120	NUT HEX, M20, Zinc Plated, Din 4368	10	24	1	No	
	ASM-00045A		7432-12-1_4_2_03	T-Fitting D=12mm	17	9	1	No	
	ASM-00045A		7522-12-1_4_2_03	Angular Fitting D=12mm	23	3	1	No	
	ASM-00045A		SNS-00002	INCUNOMETR, 2 AXIS, ANALOGUE OUTPUT	400	1	0	Yes	
Vacuum Pump									
	ASM-00046A		PMP-00003	VACUUM PUMP	2000	1	0	Yes	
	ASM-00046A		1.5 Flexible Tube Connector	CONNECTOR FOR FLEXIBLE TUBE 1.5"	50	4	0	No	
	ASM-00046A		Flexible Tube	1.5" Flexible Tube	90	1	0	No	
Electrical Cabinet									
	ASM-00060A		MSC-00027	FAN 120x120x38, 48VDC	150	2	0	Yes	
Power Supplies									
	ASM-00060A		PWR-00004	POWER SUPPLY 12ADC, 0.83A	350	1	0	Yes	
	ASM-00060A		PWR-00002	POWER SUPPLY 24ADC, 10A	350	1	0	Yes	
	ASM-00060A		PWR-00001	POWER SUPPLY 48ADC, 10A	350	5	0	Yes	
	ASM-00060A		PWR-00003	POWER SUPPLY 5ADC, 1.5A	350	1	0	Yes	
Safety Interlocks									
	ASM-00060A			Safety Interlock + Electronic Locker	180	0	0	Yes	
PC Computer									
	COM-00009		COM-00009	Machine PC	3000	1	0	Yes	
	ACS Dongle		ACS Dongle	ACS Dongle	1000			Yes	
Motion PDMT									
	ASM-00064A		DRV-00001	4 Axis Pulse/Direction Interface & Laser Control Module	1200		0	Yes	
X&Y Servo Drivers									
	ASM-00060A		DRV-000030	SERVO DRIVER, THREE PHASE 220VAC, 30A, 2500 LINE EN	350	4	1	Yes	
Stepper Drivers									
Z & E Z & M									
	ASM-00065A		DRV-00003		150		0	Yes	
	ASM-00065A		DRV-00003						
C.B									
	ASM-00060A		CBR-00001	CIRCUIT BREAKER, THERMAL-MAGNETIC, AC, 4-6.3A, 3 PC	50	1	0	No	
	ASM-00060A		CBR-00003	CIRCUIT BREAKER, 10A, TWO POLE, STANDARD PAKAG	50	7	0	No	
	ASM-00060A		CBR-00004	CIRCUIT BREAKER, 3A, SINGLE POLE, STANDARD PAKA	50	6	0	No	
	ASM-00060A		CBR-00005	CIRCUIT BREAKER 6A, SINGLE POLE, STANDARD PAKAG	50	5	0	No	
	ASM-00060A		CBR-00006	CIRCUIT BREAKER, 1A, SINGLE POLE, STANDARD PAKAG	50	2	0	No	
	ASM-00060A		CBR-00007	CIRCUIT BREAKER, 0.5A, SINGLE POLE, STANDARD PAKG	50	2	0	No	
	ASM-00060A		CBR-00008	CIRCUIT BREAKER, 10A, THREE POLE, STANDARD PAKA	50	1	0	No	
	ASM-00060A		REL-00002	SLIM RELAY 24VDC	35	4	0	No	
	ASM-00060A		CON-00004	FUSE TERMINAL, 6MM ² , LED, 10-36V DC/AC, SCREW CON	35	5	0	No	
	ASM-00060A		CON-00005	FUSE TERMINAL, 6MM ² , LED, 30-70V DC/AC, SCREW CON	35	9	0	No	
	ASM-00060A		REL-00002	SLIM RELAY 24VDC	35	4	0	No	
PLC									
	ASM-00060A		COM-00003	I/O 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	1	0	Yes	
	ASM-00060A		COM-00006	I/O Module - AI (0-10V)	300	3	0	Yes	
	ASM-00060A		COM-00007	I/O Module - AO (0-10V)	300	1	0	Yes	
Print Head - Dispenser									
	ASM-00206A		BLT-00001	BELT, HTD3, W=9, L=309	90	1	1	No	
	ASM-00206A		MTR-00003	Step Motor, Nema 23, NM, L=, Shaft 6.35mm	150	1	1	Yes	
	ASM-00206A		PWP-00001	DISPENSER 15.3, 1.7 ML/REV, 3-5 NM, 150 RPM, L S	5600	1	1	Yes	
	ASM-00206A		PRT-00142A	SHAFT, DISPENSER DRIVE	350	1	1	Yes	
	ASM-00206A		PRT-00453DA	LOCKING RING, 10 MM	80	1	0	No	
UV									
	ASM-00502A		UVL-00001	UV LED SOURCE 395nm, 75mm ,5W/cm2 , FLAT GLASS	4200	4	1	Yes	
Z									
	ASM-00502A		MTR-00003	Step Motor, Nema 23, NM, L=, Shaft 6.35mm	150	4	1	Yes	
Motion System									
	ASM-00502A		SNS-00004	Optic Sensor	50	20	2	N	
	ASM-00502A		BLT-00003	BELT, 6MR, W=30, STEEL CORD, 30 M, OPEN	50	4	1	N	
	ASM-00502A		BLT-00004	BELT, 6MR, W=25, L=500, GT3	50	4	1	No	
	ASM-00502A		BLT-00005	BELT, HTD3, W=9, L=267	50	2	1	No	
X Motion System									
	ASM-00502A		MTR-08073	Servo Motor, 80mm Flange, 1200watt, 3000rpm, 2500ppr	150	2	1	Yes	
Y Motion System									
	ASM-00502A		MTR-08120	Servo Motor, 80mm Flange, 750watt, 3000rpm, 2500ppr	150	2	1	Yes	

Cables								
Cables		MA-01-S001	Servo Motor Y-Axis #1 - Power	140	1	1	No	
Cables		MA-01-S002	Servo Motor Y-Axis #1 - Encoder	100	1	1	No	
Cables		MA-01-S006	UV #1, #2 Power	130	1	1	No	
Cables		MA-01-S008	UV #1, #2 Intensity	130	1	1	No	
Cables		MA-01-S014	Stepper Motor z-Axis #1 - Power	140	1	1	No	
Cables		MA-01-S017	Stepper Motor z-Axis #1 - Power	140	1	1	No	
Cables		MA-01-S020	Servo Motor Y-Axis #2 - Encoder	100	1	1	No	
Cables		MA-01-S024	UV #3, #4 Power	140	1	1	No	
Cables		MA-01-S026	UV #3, #4 Intensity	130	1	1	No	
Cables		MA-01-S032	Stepper Motor z-Axis #2 - Power	140	1	1	No	
Cables		MA-01-S035	Stepper Motor z-Axis #2 - Power	140	1	1	No	
Cables		MA-01-S037	Servo Motor X-Axis #1 - Power	140	1	1	No	
Cables		MA-01-S038	Servo Motor X-Axis #1 - Encoder	100	1	1	No	
Cables		MA-01-S042	Servo Motor X-Axis #2 - Power	140	1	1	No	
Cables		MA-01-S043	UV Extension Cable	100	4	1	No	
Cables		MA-01-S012	UV Extension Cable	70	4	1	No	
Cables		MA-01-S049	Material Quantity Indication Sens	110	1	1	No	
Cables		MA-01-S054	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		FE3IO 6mm tube #159664	6mm TUBE (QTY in m)	35	20	1	No	
Material Line		FE3IO 4mm tube #159662	4mm TUBE (QTY in m)	35	5	1	No	
Material Line		FE3IO 8mm tube #159666	8mm TUBE (QTY in m)	35	5	1	No	
Material Line		FE3IO 10mm tube #159668	10mm TUBE (QTY in m)	35	5	1	No	
Material Line		SNS-00001	PRESSURE TRANSMITTER, ANALOG 0.1-10 V, 16 BAR, G1	120	4	0	No	
Material Dispenser								
ASM-00147A		ASM-00145A	ASSY. MECH. FOLLOWER PLATE	2000	1	1	Yes	
ASM-00147A		BLT-00002	BELT, 455 HTDS, 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	DESPENDER 36, 4 MUREV, 8-15 NM, 150 RPM, L SEAL	9600	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 & Fitting								
Material Line		NOVOPLAST nylon tube #1020	NOVOPLAST nylon tube #10200-18530100x60	250	5	0	No	
Material Line		NOVOPLAST nylon tube #1020	NOVOPLAST nylon tube #10200-19050100x60	250	5	0	No	
Material Line		NOVOPLAST nylon tube #1020	NOVOPLAST nylon tube #10200-27030100x60	250	10	0	No	
Upper Material Line								
Material Line		ASM-00917A	ASSY. MECH. HOT SWAP PISTON	2000	2	0	No	
Material Line		FLT-0001	FLT-0001	350	2	1	No	
Pneumatic Line								
Main Air line regulator		Main Air line regulator	Main Air line regulator	300	1	0	No	
Tools Jig and Consumables								
Jigs & Tools								
ASM-00084A		PRT-01180A	ROOF LIFTING JIG	350	1	0	Yes	
jig-00073			Jig	350		1	Yes	
jig-00081			Jig	350		1	Yes	
jig-00110			Jig	350	1	1	Yes	
pr-01180			Jig	350	1	1	Yes	
Vacuum Table Adjustment tool			Tools	150				
Consumables								
Material TUBES KIT								
Consumables								
Material Line		MAIN TUBE TUBES KIT	TUBES KIT	1500	1	1	No	
Grease								
ASM-00206A		PRT-00832A	NOZZLE TIP 1.8	60	2	5	No	
ASM-00206A		PRT-00833A	NOZZLE TIP 2.3	60	2	5	No	
Cleaning Station								
MTR-GRS0001		MTR-GRS0001	Dispenser Grease 1kg	200	1	2	No	
MTR-GRS0002		MTR-GRS0002	All Around grease 1 kg	150	1	2	No	
DIMENGel								
ASM-00900A		PRT-00909A	STATIC BRUSH	130	1	1	No	
ASM-00900A		PRT-00911A	CLEANING KNIFE	50	4	5	No	
Line Filter								
MSV00105		DIMENGEL	19kg pile can e order in a pallet of 12 to 16 piles					
FLT-00001		300 micron line Filter for Gel line	300 micron line filter	150				
UV Protection glass								
Gloves								
MSV-SOAP		DIMENGEL - Hand Soap	Crylic hand soap	Yes	100	0	No	
Poly-GAL								
MTR-POLYGAL		POLYGAL	Black Polygal substrate 10 pices in a pcke minimum of 1 pac	Yes	1			
Material Refurbishment Kit								
Print Head Refurbishment Kit								
Material Dispenser Refurbis		PMP-00002-R	Material Dispenser Refurbis					2200
Print Head Dispenser Refurbis		PMP-00001-R	Material Dispenser Refurbis					1800