

## SPARE PARTS LIST

Item	Description	Qty	Item	Description	Qty.
1	INTERNAL CIRCLIP (R-19)	1	50	BALL BEARING (6001)	1
2	FLAT WASHER (Ø10xØ18.5x0.8)	1	51	ARMATURE (110V/220V-73x42x45)	1
3	O-RING (Ø12x4)	1	52	PANHEAD TAPPING SCREW (M5x60)	2
4	WATER SEAL (Ø12x15)	1	53	STATOR (110V/220V-73x42x45)	1
5	SPRING (Ø1.2xØ10.1xØ12.5x12Tx85L)	1	54	MOTOR HOUSING	1
6	LOCK PIN (12.3MM)/ (11.7MM)	1	55	HEX NUT (M4xP0.7)	8
7	PANHEAD MACHINE SCREW (M3x4xP0.5)	1	56	CARBON BRUSH HOLDER (7x11)	2
8	LOCK PIN SPRING	1	57	CARBON BRUSH (7x11x17)	2
9	CHECK BALL (Ø8)	1	58	BRUSH SPRING (0.35x3x3T)	2
10	PARALLEL KEY (5x5x10)	1	59	PANHEAD MACHINE SCREW (M4x10xP0.7)	2
11	SPINDLE (157MM)/(157MM)	1	60	PANHEAD TAPPING SCREW (M4x12)	4
11-1	SPINDLE	1	61	MOTOR TAIL CASTING	1
12	RING (Ø40xØ44x9)	1	62	PANHEAD TAPPING SCREW (M4x25)	2
13	COLLAR PIN (Ø8)	1	63	CABLE CLIP	2
14	QUICK-RELEASE COLLAR	1	64	PANHEAD TAPPING SCREW (M4x14)	2
15	SPRING (Ø2.3xØ39xØ43.6x3Tx30L)	1	65	CRIMP CAP CONNECTOR (C4)	3
16	SPRING SEAT RING (Ø35.1xØ44.5x2)	1	66	CABLE CLAMP	2
17	EXTERNAL CIRCLIP (S-35)	1	67	WIRE (1.25x2Cx65CM-VCTF)	1
18	INTERNAL CIRCLIP (R-47)	1	68	CABLE PROTECTOR (5/16"x40CM)	1
19	BALL BEARING (6005)	1	69	TUBE (Ø4xØ6x20CM)	1
20	EXTERNAL CIRCLIP (S-25)	1	74	COOLANT TANK ASSEMBLY	1
21	PANHEAD TAPPING SCREW (M5x65)	4	75	SOCKET CAP SCREW (M6x16xP1.0)	3
23	PUSH LOCK FITTING (PT1/8"xØ6)	1	76	SLIDE PLATE (L217MM)	1
24	GEAR HOUSING	1	77	COOLANT TANK BRACKET	1
31	SLIDE HEIGHT LOCK	1	78	FLAT WASHER (Ø5xØ12x1)	2
34	LOCK BRACKET	1	79	SOCKET CAP SCREW (M5x16xP0.8)	2
35	FLAT HEAD MACHINE SCREW (M4x10xP0.7)	4	80	GEAR RACK (M1.5x150L)	1
36	BALL BEARING (608)	5	81	STAND BODY	1
37	INPUT SHAFT (M1.0x17T) / (M1.0x12T)	1	82	SOCKET SET SCREW (M5x20xP0.8)	5
38	PARALLEL KEY (4x4x8)	2	83	HEX NUT (M5xP0.8)	5
39	INPUT GEAR (M1.0x36T)	1	84	THUMB SCREW (M5x16)	1
40	EXTERNAL CIRCLIP (S10)	1	85	BUSHING (Ø28xØ32x12)	2
41	OIL SEAL (Ø25xØ40x7)	2	86	FLAT WASHER (Ø6xØ40x2.5)	1
42	OUTPUT GEAR (M1.25x37T)	1	87	FLAT WASHER (Ø6xØ25x1)	1
43	EXTERNAL CIRCLIP (S-15)	1	89	SWITCH GUARD BAR (90MM)	2
44	EXTERNAL CIRCLIP (S-12)	1	90	SWITCH PANEL (90x110x1.5T)	1
45	COUNTERSHAFT (M1.25x12T)	1	91	FLAT WASHER (Ø4xØ10x1)	7
46	LAY GEAR (M1.0x40T)/(M1.0x45T)	1	92	SPRING WASHER (M4)	4
47	NEEDLE BEARING (HK 0810)	1	93	SOCKET CAP SCREW (M4x16xP0.7)	4
49	GEAR PLATE	1	94	MOTOR SWITCH (110V/220V)	1

**NOTE: SOME INDIVIDUAL PARTS MAY ONLY BE AVAILABLE AS AN ASSEMBLY**

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Item	Description	Qty	Item	Description	Qty.
95	MAGNET SWITCH (110V&220V)	1	118	HEX KEY (M4)	1
96	GIB STRIP-LEFT (258MM)	1	121	OVER LOAD PROTECTION (110V/220V)	1
97	GIB STRIP-RIGHT (258MM)	1	122	SOCKET CAP SCREW (M6x20xP1.0)	3
98	GIB TENSIONER (258x11x1.2T)	1	123	TRUSS HEAD MACHINE SCREW (M4x6xP0.7)	2
99	PANHEAD MACHINE SCREW (M4x16xP0.7)	1	124	MOTOR COVER PLATE	1
100	EXTERNAL STAR WASHER (M5)	1	125	T-HANDLE HEX KEY (M6)	1
101	SPRING WASHER (M6)	3	126	FLAT HEAD TAPPING SCREW (M4x8)	4
102	ELECTROMAGNET (176x90x55.5)	1	127	RUBBER WASHER (Ø4xØ11x1)	1
103	SIDE PANEL (110x90x1.5T)	1	128	FEMALE SPADE TERMINAL	4
104	PANHEAD MACHINE SCREW (M4x8xP0.7)	4	129	PANHEAD MACHINE SCREW (M4x25xP0.7)	3
105	RECTIFIER (110&220V)	1	130	ZIP TIE (2.5x100MM)	1
105-1	RECTIFIER & EMC (110V)/(110V&220V)	1	131	SPADE TERMINAL BOOT	8
106	CRANK SPINDLE (Ø28)	1	133	FLAT WASHER (Ø6xØ13x1)	2
107	CRANK HANDLE	3	134	BUTTERFLY SCREW (M6x10xP1.0)	2
108	PANHEAD MACHINE SCREW (M4x30xP0.7)	2	135	SOCKET SET SCREW (M8x7xP1.25)	2
109	CABLE PROTECTOR (5/16"x7CM)	1	136	CHUCK (1/2")	1
110	CORD ARMOR	1	137	QUICK-RELEASE CHUCK ADAPTORS (1/2')	1
111	POWER CABLE (VDE-1.0x3Cx2.5M-H05VVF)	1	139	PILOT PIN (HSSx77LxØ6.34)	1
112	CABLE GLAND (5/16")	1	140	EARTHING MARKING	1
114	WIRE LEAD (1015-16#18CM)	2	141	FAN SHROUD	1
115	WIRE LEAD (1015-16#18CM)	4	142	SAFETY BELT	1
116	COMBINATION WRENCH (M8)	1	143	CHIP GUARD	1
117	HEX KEY (M2.5)	1			

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### CAUTION

*A prepared list of safety guidelines can never be complete. Every workshop environment is different. Always consider Safety first, as it applies to your individual working conditions. Use this machine and other machinery with caution and respect. Failure to do so could result in serious Personal injury, damage to the equipment, or poor work results.*



### WARNING!

*Electricity is dangerous and could cause death. All electrical work must be carried out by a qualified electrician.*