



## MBS-1012 CNC    CNC MITER METALWORKING BANDSAW

MBS-1012 CNC..... 3~400V, 50Hz

### PARTS LIST

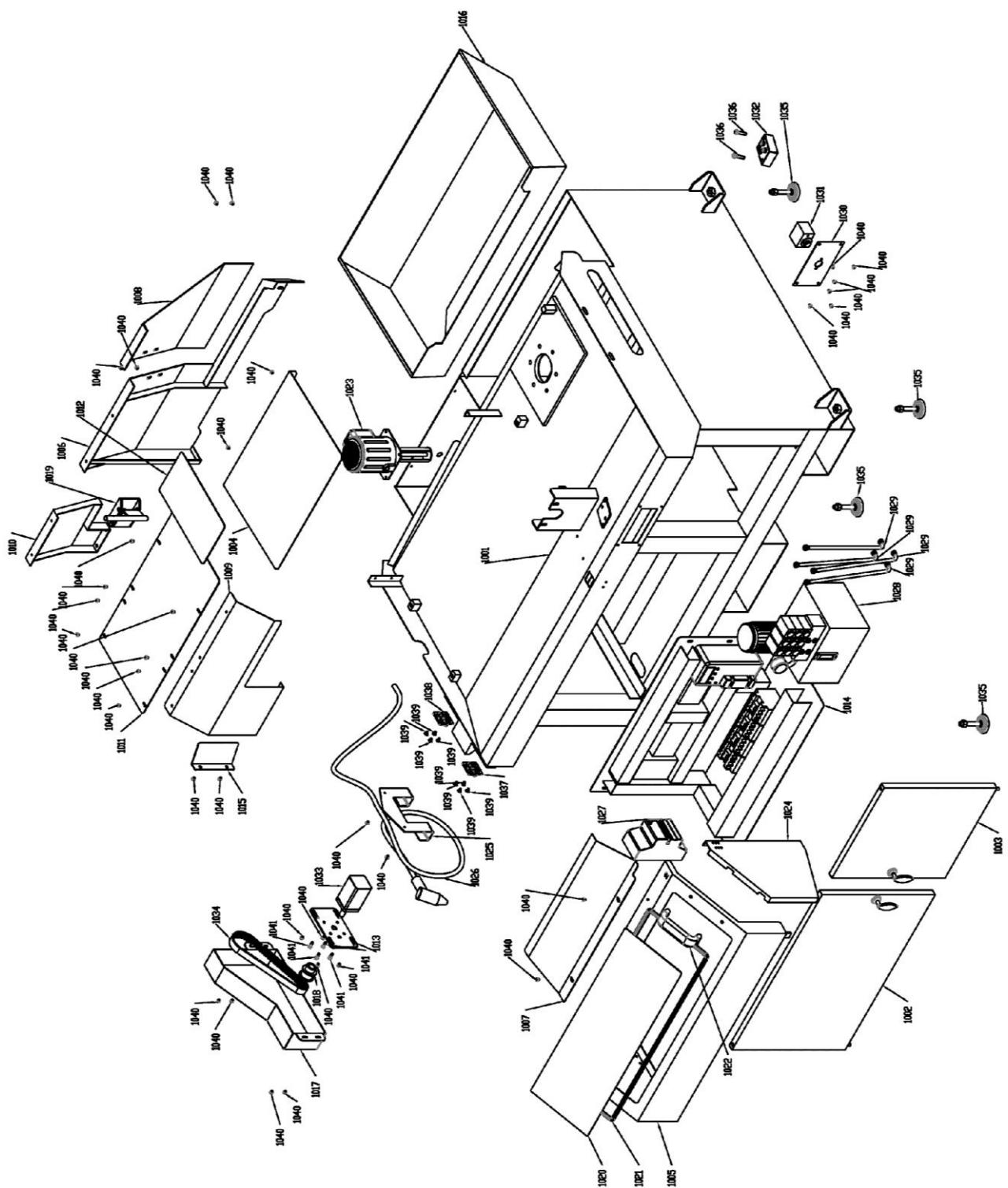
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91090 LISSES / EVRY, France

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2018-11

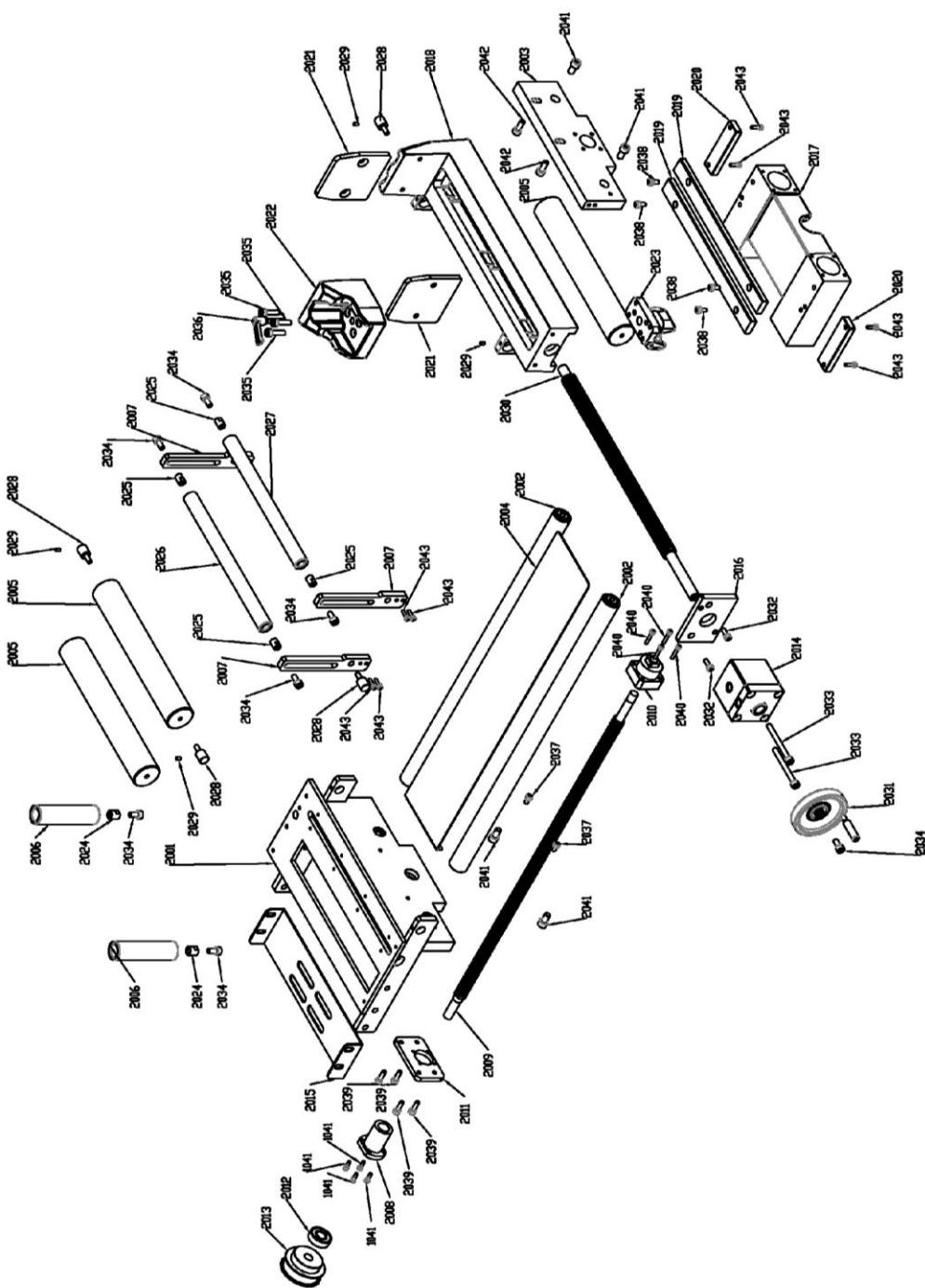
MBS-1012 CNC Stand Assembly breakdown



## MBS-1012 CNC Stand Assembly Part List

<b>Index No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Size</b>	<b>Qty</b>
1001 .....	MBS1012-1001.....	Base.....		1
1002 .....	MBS1012-1002.....	Front Door.....		1
1003 .....	MBS1012-1003.....	Front Door (Small) .....		1
1004 .....	MBS1012-1004.....	Water Tide Cover .....		1
1005 .....	MBS1012-1005.....	Activity Cover.....		1
1006 .....	MBS1012-1006.....	Cover A.....		1
1007 .....	MBS1012-1007.....	Cover B.....		1
1008 .....	MBS1012-1008.....	Cover C.....		1
1009 .....	MBS1012-1009.....	Cover D.....		1
1010 .....	MBS1012-1010.....	Cover E.....		1
1011 .....	MBS1012-1011.....	Cover F .....		1
1012 .....	MBS1012-1012.....	Cover G .....		1
1013 .....	MBS1012-1013.....	Motor Connect Plate.....		1
1014 .....	MBS1012-1014.....	Electric Control Plate.....		1
1015 .....	MBS1012-1015.....	Feed Baffle .....		1
1016 .....	MBS1012-1016.....	Tank.....		1
1017 .....	MBS1012-1017.....	Transmission Cover.....		1
1018 .....	MBS1012-1018.....	Pulley .....		1
1019 .....	MBS1012-1019.....	Feed Group of Jumpers.....		1
1020 .....	MBS1012-1020.....	Acrylic .....	3T*731*246 .....	1
1021 .....	MBS1012-1021.....	Strip .....		1
1022 .....	MBS1012-1022.....	Handle .....		1
1023 .....	MBS1012-1023.....	Pump .....	1/6HP 3PH 220/380 .....	1
1024 .....	MBS1012-1024.....	Activities Cover Side Panel .....		1
1025 .....	MBS1012-1025.....	Water Pipe Support .....		1
1026 .....	MBS1012-1026.....	Pipe.....		1
1027 .....	MBS1012-1027.....	Inverter.....	400V 750W .....	1
1028 .....	MBS1012-1028.....	Oil Pump Set .....	400V .....	1
1029 .....	MBS1012-1029.....	Hydraulic Pipe .....		4
1030 .....	MBS1012-1030.....	Regulating Valve Set .....		1
1031 .....	MBS1012-1031.....	Adjustable Aluminum Block .....		1
1032 .....	MBS1012-1032.....	Hydraulic Block .....	63.5x38.1x100 .....	1
1033 .....	MBS1012-1033.....	Pulley Serve Motor .....		1
1034 .....	MBS1012-1034.....	Belt.....	S8M-584-20.....	1
1035 .....	MBS1012-1035.....	Pad .....	DK-812075C .....	4
1036 .....	MBS1012-1036.....	Screw .....	M8_L30 .....	2
1037 .....	MBS1012-1037.....	Zinc Alloy Hinges .....	AZ-2510B .....	1
1038 .....	MBS1012-1038.....	Zinc Alloy Hinges .....	AZ-2510B .....	1
1039 .....	MBS1012-1039.....	Socket Head Flat Screw .....	M6_L6 .....	8
1040 .....	MBS1012-1040.....	Socket Pan Head Screw.....	M6_L6 .....	34
1041 .....	MBS1012-1041.....	Socket Head Cap Screw .....	M6_L16 .....	8

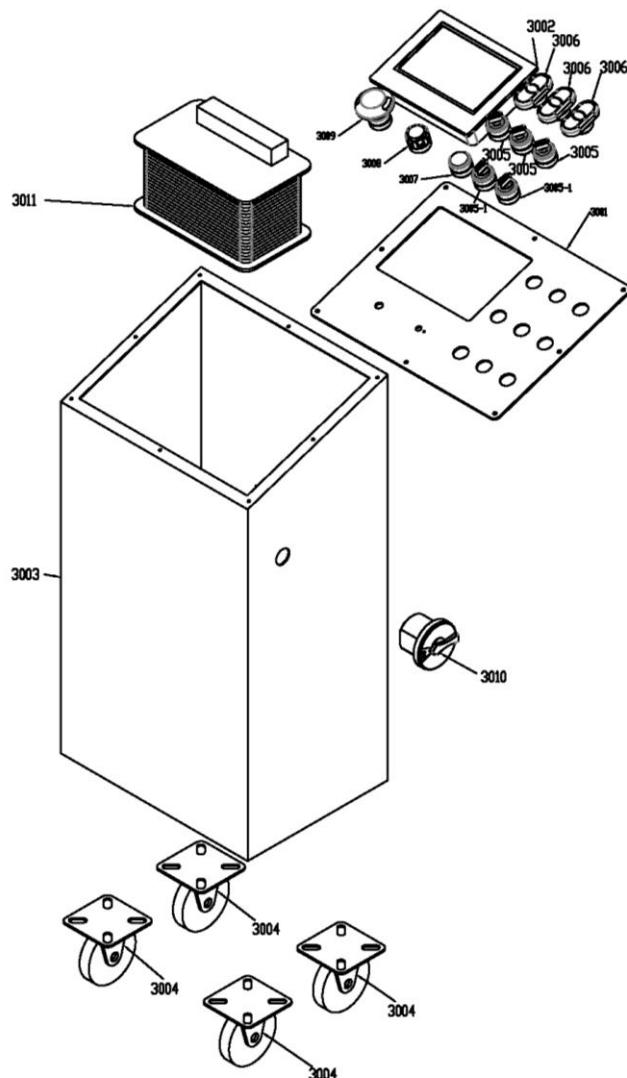
# MBS-1012 CNC Transmission Mechanical Assembly Breakdown



## MBS-1012 CNC Transmission Mechanical Assembly Part List

<b>Index No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Size</b>	<b>Qty</b>
2001 .....	MBS1012-2001.....	Vise Moving Set - Left Fixed Plate .....		1
2001*1.....	MBS1012-2001-1 ....	Feed Fixed Left Board .....		1
2002 .....	MBS1012-2002.....	Axis .....		2
2003 .....	MBS1012-2003.....	Feed Fixed Right Board .....		1
2004 .....	MBS1012-2004.....	Feed Chip Plate .....		1
2005 .....	MBS1012-2005.....	Roller .....		3
2006 .....	MBS1012-2006.....	Platen .....		2
2007 .....	MBS1012-2007.....	Roller Wheel Bracket .....		3
2008 .....	MBS1012-2008.....	Ball Screw Sleeve .....		1
2009 .....	MBS1012-2009.....	Ball Screw .....		1
2010 .....	MBS1012-2010.....	Screw Support Seat .....		1
2011 .....	MBS1012-2011.....	Ball Screw Fixed Plate .....		1
2012 .....	MBS1012-2012.....	Bearing .....	6204.....	1
2013 .....	MBS1012-2013.....	Belt .....		1
2014 .....	MBS1012-2014.....	Clamping Hydraulic Jigs .....		2
2015 .....	MBS1012-2015.....	Material Support Connect Plate .....		1
2016 .....	MBS1012-2016.....	Hydraulic Fixed Plate .....		2
2017 .....	MBS1012-2017.....	Moving Seat .....		1
2017A.....	MBS1012-2017A ....	Sleeve .....	52*60*41 .....	2
2017B.....	MBS1012-2017B ....	Oil Seal Fixed Plate .....	2T*70*70 .....	4
QX KH4060 BBKH4060.....		Bearing .....	KH4060 .....	4
UZ036 .....	MBS1012-UZ036.....	Dustproof oil Seal .....	GA 40*50*5/7 .....	4
2018 .....	MBS1012-2018.....	Vise Down Seat .....		1
2018A.....	MBS1012-2018A ....	Switch Fixed Plate .....	3T*52*50 .....	4
2018B.....	MBS1012-2018B ....	Limit Switch .....		4
2018C .....	MBS1012-2018C ....	Screw .....		
2018D .....	MBS1012-2018D ....	Main Wire Support Frame .....		1
2019 .....	MBS1012-2019.....	Clamp Block Skateboard .....	16x38x420 .....	2
2020 .....	MBS1012-2020.....	Vise Feed Block .....	16x38x128 .....	2
2021 .....	MBS1012-2021.....	Vise Plate .....		2
2022 .....	MBS1012-2022.....	Vise Up Seat .....		2
2023 .....	MBS1012-2023.....	Vise Connect Seat .....		2
2024 .....	MBS1012-2024.....	Slide Nut .....	20*20 .....	2
2025 .....	MBS1012-2025.....	Slide Nut .....	20*20 .....	4
2026 .....	MBS1012-2026.....	Moving Up Roller Seat .....	28*370 .....	1
2027 .....	MBS1012-2027.....	Fixed Up Roller Seat .....	28*410 .....	1
2028 .....	MBS1012-2028.....	Platen Bushing .....		4
2029 .....	MBS1012-2029.....	Screw .....	M6x L10.....	4
2030 .....	MBS1012-2030.....	Vise Screws .....		1
2030A.....	MBS1012-2030A ....	Vise Screws .....		1
2031 .....	MBS1012-2031.....	Handle Wheel .....		2
2031*1.....	MBS1012-2031-1 ....	Handle .....	HL-80A 80mm .....	2
2032 .....	MBS1012-2032.....	Socket Head Cap Screw .....	M8x L20 .....	4
2033 .....	MBS1012-2033.....	Socket Head Cap Screw .....	M10x L100 .....	4
2034 .....	MBS1012-2034.....	Socket Head Cap Screw .....	M10x L20 .....	8
2035 .....	MBS1012-2035.....	Socket Head Cap Screw .....	M10x L35 .....	6
2036 .....	MBS1012-2036.....	Elastic Screwdriver .....	M10x L45 .....	3
2037 .....	MBS1012-2037.....	Socket Head Cap Screw .....	M8x L12 .....	2
2038 .....	MBS1012-2038.....	Socket Head Cap Screw .....	M8x L16 .....	4
2039 .....	MBS1012-2039.....	Socket Head Cap Screw .....	M8x L25 .....	4
2040 .....	MBS1012-2040.....	Socket Head Cap Screw .....	M6x L30 .....	4
2041 .....	MBS1012-2041.....	Socket Head Cap Screw .....	M12x L20 .....	4
2042 .....	MBS1012-2042.....	Socket Head Cap Screw .....	M10xL25 .....	2
2043 .....	MBS1012-2043.....	Socket Head Cap Screw .....	M6xL20 .....	12

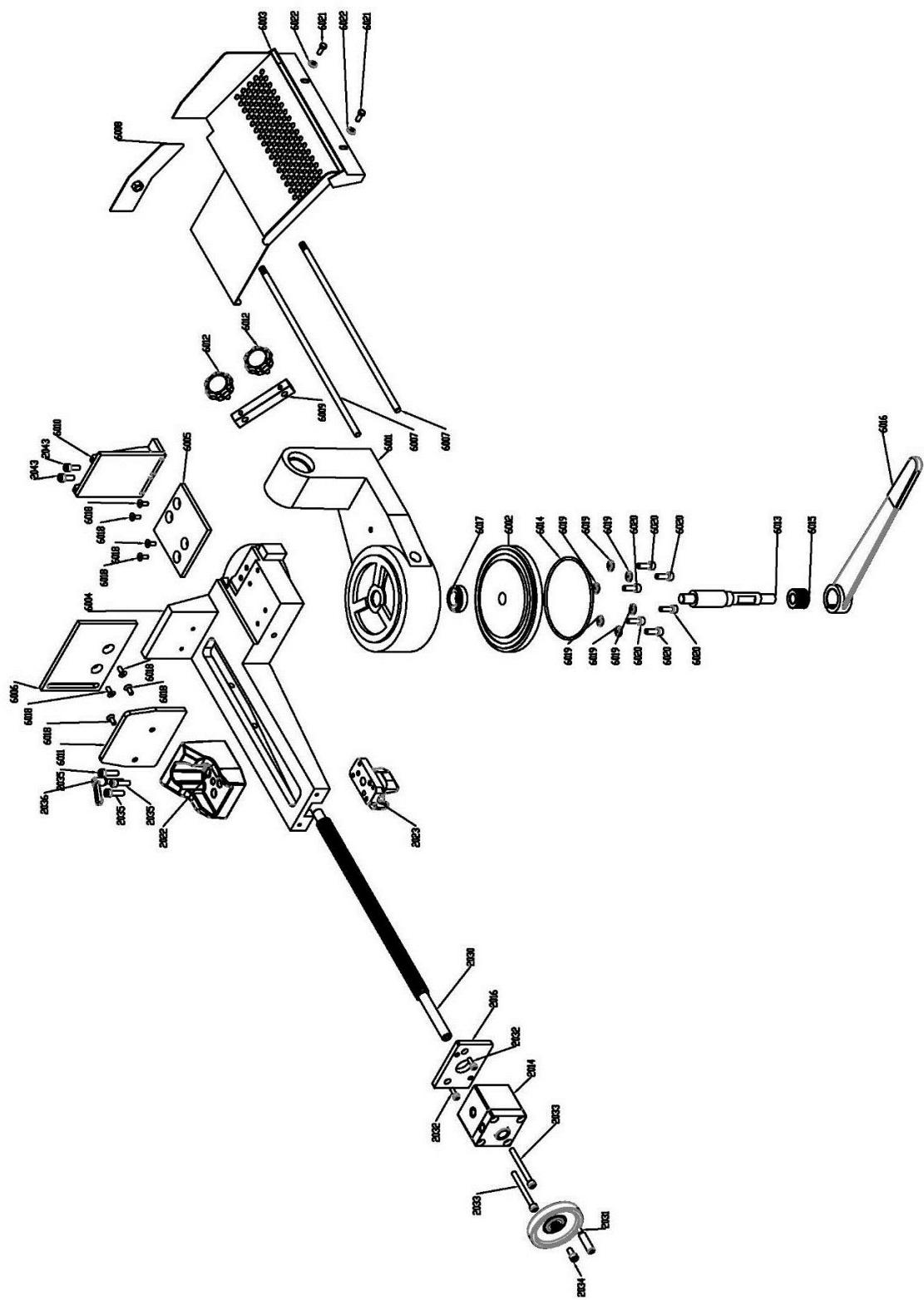
## MBS-1012 CNC Control panel Assembly Breakdown



## MBS-1012 CNC Control Panel Assembly Part List

Index No.	Part No.	Description	Size	Qty
3001 .....	MBS1012-3001.....	Electronic Control Panel .....		1
3002 .....	MBS1012-3002.....	Touch Panel .....		1
3002A.....	MBS1012-3002A .....	Servo System .....	SMA-LO4R30 .....	1
3002B.....	MBS1012-302B .....	PL c mother Board .....	AX1N-40MT .....	1
3002C .....	MBS1012-302C .....	Relay Output Board .....		1
3002D .....	MBS1012-302D .....	Man Machine Interface .....	MT6070i (7 inch) .....	1
3003 .....	MBS1012-3003.....	Electronic Control Box Base.....		1
3003A.....	MBS1012-3003A .....	Electronic Control Box Base Outlet Board .....		1
3004 .....	MBS1012-3004.....	Rubber Wheel.....	4"x1-1/4" .....	4
3005 .....	MBS1012-3005.....	Switch Knob.....		3
3005-1.....	MBS1012-3005-1 ....	Switch Knob.....		2
3006 .....	MBS1012-3006.....	Oval Switch Button .....		3
3007 .....	MBS1012-3007.....	Power Switch Button .....		1
3008 .....	MBS1012-3008.....	Adjustment Knob .....		1
3009 .....	MBS1012-3009.....	Stop Knob .....		1
3010 .....	MBS1012-3010.....	Main Power Switch Button.....		1
3011 .....	MBS1012-3011.....	Transformer .....		1

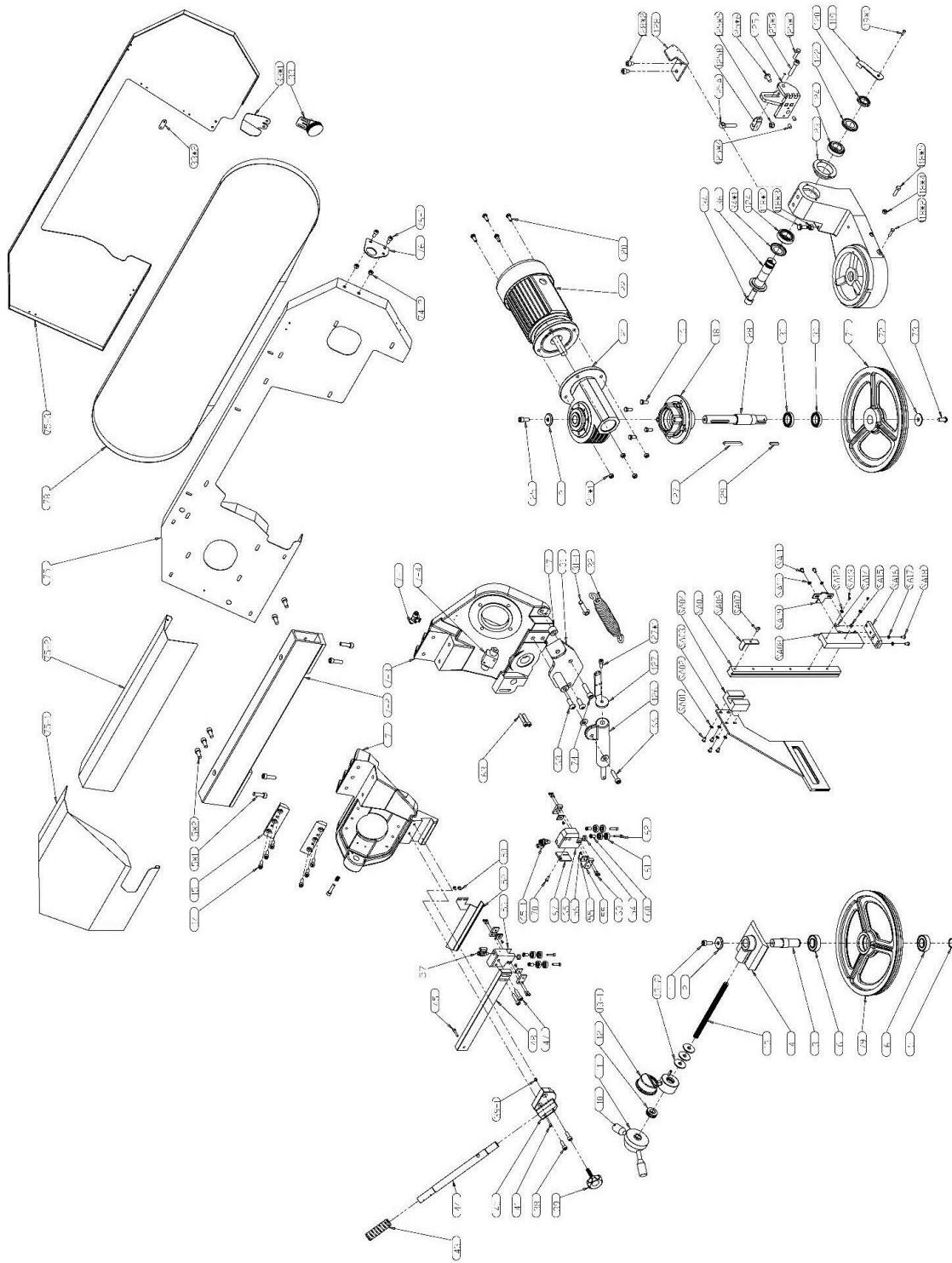
**MBS-1012 CNC Vise clamping Assembly Breakdown**



## MBS-1012 CNC Vise clamping Assembly Part List

<b>Index No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Size</b>	<b>Qty</b>
2014.....	MBS1012-2014.....	Clamping Hydraulic Jigs .....		1
2016.....	MBS1012-2016.....	Hydraulic Fixed Plate.....		1
2022.....	MBS1012-2022.....	Vise Up Seat .....		1
2023.....	MBS1012-2023.....	Vise Connect Seat.....		1
2030.....	MBS1012-2030.....	Vise Screws .....		1
2030A.....	MBS1012-2030A .....	Vise Screws .....		1
2031.....	MBS1012-2031.....	Handle Wheel .....		1
2032.....	MBS1012-2032.....	Socket Head Cap Screw .....	M8x L20.....	1
2033.....	MBS1012-2033.....	Socket Head Cap Screw .....	M10x L100.....	2
2034.....	MBS1012-2034.....	Socket Head Cap Screw .....	M10x L20.....	2
2035.....	MBS1012-2035.....	Socket Head Cap Screw .....	M10x L35.....	3
2036.....	MBS1012-2036.....	Elastic Screwdriver .....	M10x L45.....	1
2043.....	MBS1012-2043.....	Socket Head Cap Screw .....	M6x L20.....	2
6001.....	MBS1012-6001.....	Swivel Seat .....		1
6002.....	MBS1012-6002.....	Swive Plate .....		1
6003.....	MBS1012-6003.....	Guide Frame .....		1
6004.....	MBS1012-6004.....	Clamping Seat .....		1
6005.....	MBS1012-6005.....	Material Support Plate .....	10T*132*140 .....	1
6006.....	MBS1012-6006.....	Right Vise Plate .....		1
6007.....	MBS1012-6007.....	Fixed Rod .....	(M12) 500L .....	2
6008.....	MBS1012-6008.....	Guide Plate .....		1
6009.....	MBS1012-6009.....	Located Block .....	31.8x19.1x112 .....	1
6010.....	MBS1012-6010.....	Vise Baffle .....		1
6011.....	MBS1012-6011.....	Left Rear Vise Plate .....		1
6012.....	MBS1012-6012.....	Screw .....		2
6013.....	MBS1012-6013.....	Main Shaft .....		1
6014.....	MBS1012-6014.....	O Ring .....	G-165 .....	1
6015.....	MBS1012-6015.....	Nut .....	50*25mm T24*3.0 .....	1
6016.....	MBS1012-6016.....	Handle .....		1
6018.....	MBS1012-6018.....	Socket Head Flat Screw .....	M8x L20.....	8
6019.....	MBS1012-6019.....	Washer .....	M10x D22x D10x T2 .....	6
6020.....	MBS1012-6020.....	Socket Head Cap Screw .....	M10x L30 .....	6
6021.....	MBS1012-6021.....	Hex Cap Screw .....	M8x L20 .....	2
6022.....	MBS1012-6022.....	Washer .....	M8x D18x D8x T2 .....	2

## MBS-1012 CNC Bow Assembly Breakdown



## MBS-1012 CNC Bow Assembly Part List

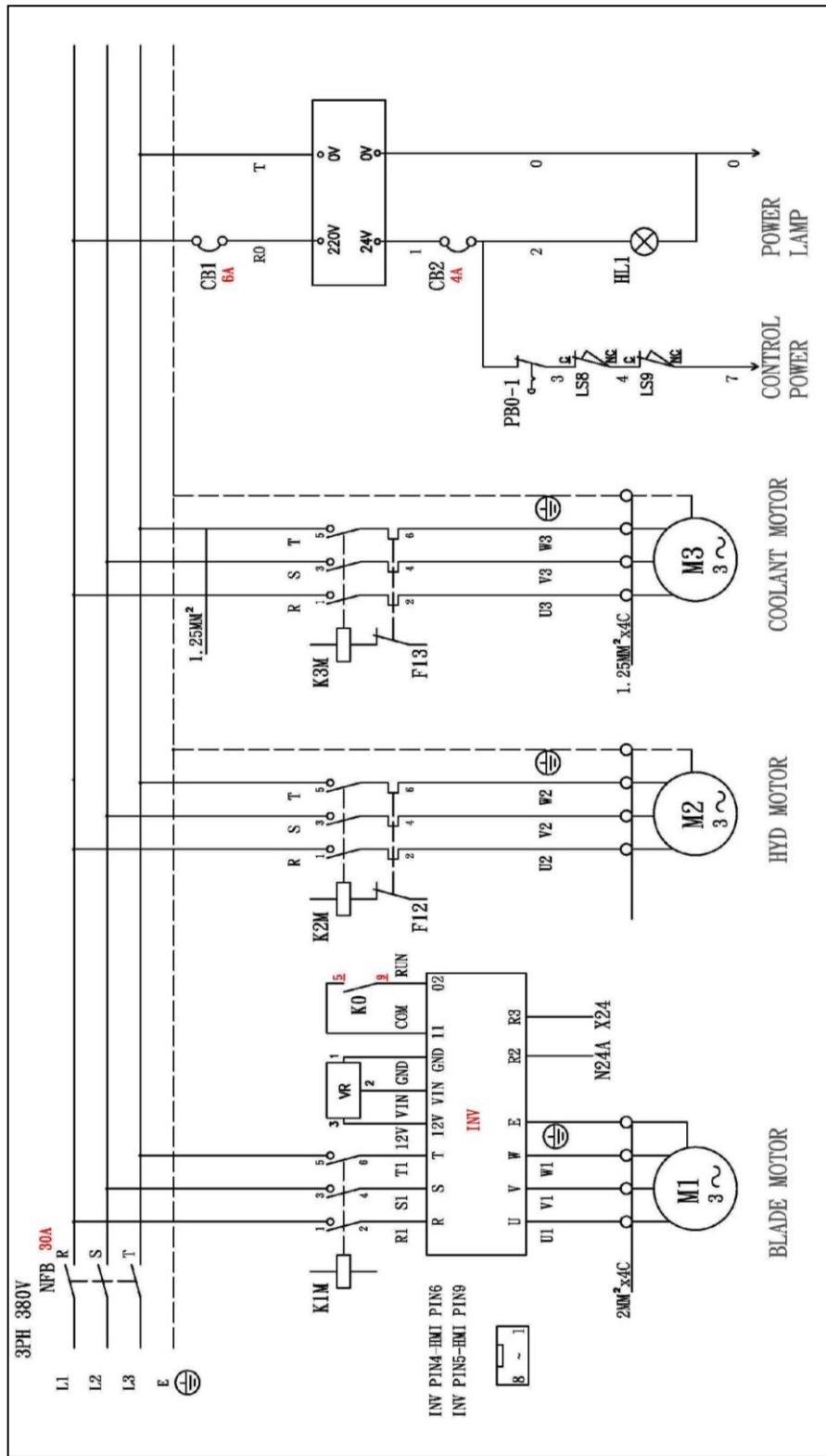
<b>Index No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Size</b>	<b>Qty</b>
1	MBS1012-01	Hex Cap Screw	M10x25	1
2	MBS1012-02	Washer	40x40.2x5	2
3	MBS1012-03	Shaft		1
4	MBS1012-04	Anchor Block		1
5	MBS1012-05	C- Ring	C-25	1
5*1	MBS1012-05-1	Socket Head Cap Screw	M10x35	4
5*2	MBS1012-05-2	Socket Head Cap Screw	M10x25	5
6	MBS1012-06	Bearing	6205	2
7	MBS1012-07	Left Body Frame		1
7-1	MBS1012-07-1	Pipe Connect	SPE06	1
7-2	MBS1012-07-2	Pipe Connect For Body Frame	50x100x730	1
7-3	MBS1012-07-3	Right Body Frame		1
7-4	MBS1012-07-4	Aluminum Set		1
10	MBS1012-10	Knob		2
11	MBS1012-11	Blade Tension Handle		1
12	MBS1012-12	Bearing	51203	1
13	MBS1012-13	Lead Screw		1
13-1	MBS1012-13-1	Tention Gauge		1
13-2	MBS1012-13-2	Washer	M16	3
14	MBS1012-14	Hex. Cap Screw	M8X25L	6
15	MBS1012-15	Fixed Block		2
16	MBS1012-16	Hex Cap Screw	M8x40	4
17	MBS1012-17	Bushing	20x25	1
18	MBS1012-18	Reducer Block		1
20	MBS1012-20	Screw	M8x25	4
20*1	MBS1012-20-1	Nut	M8	4
21	MBS1012-21	Reducer	40:01:00	1
22	MBS1012-22	Motor	1.5HP 400v 3ph	1
25	MBS1012-25	Hex Cap Screw	M10x25	1
27	MBS1012-27	Key	8x7x70	1
28	MBS1012-28	Output Shaft		1
29	MBS1012-29	Key	7x7x30	1
30	MBS1012-30	Bearing	6906	2
31	MBS1012-31	Spring Holder		1
31*1	MBS1012-31-1	Spring Holder Screw		1
32	MBS1012-32	Spring	615x23	1
33	MBS1012-33	Steel Brush Support		1
33*1	MBS1012-33-1	Blade Cover		1
33*2	MBS1012-33-2	Brush Holder		1
34	MBS1012-34	Socket Head Cap Screw	M16x40	1
34*1	MBS1012-34-1	Bearing Cover		1
35	MBS1012-35	Spring Washer		2
36	MBS1012-36	Frame Pivot Shaft		1
38	MBS1012-38	Socket Head Cap Screw	M8x25	2
39	MBS1012-39	Screw	8x20	1
39-1	MBS1012-39-1	Copper	6x25	1
40	MBS1012-40	Fixed Block		1
41	MBS1012-41	Set Screw	M8x8	2
45	MBS1012-45	Screw	M8x20	1
47	MBS1012-47	Screw	M8x35	2
48	MBS1012-48	Blade Adjust Stick		1
50	MBS1012-50	Screw	M5x10	2
52	MBS1012-52	Blade Cover (Front)		1
53	MBS1012-53	Blade Adjust (Front)		1
54	MBS1012-54	Guide		2
55	MBS1012-55	Guide Holder		4
55-1	MBS1012-55-1	Guide		4
56	MBS1012-56	Screw	M4x8	4
57	MBS1012-57	Valve		2
60	MBS1012-60	Eccentric Guide		4

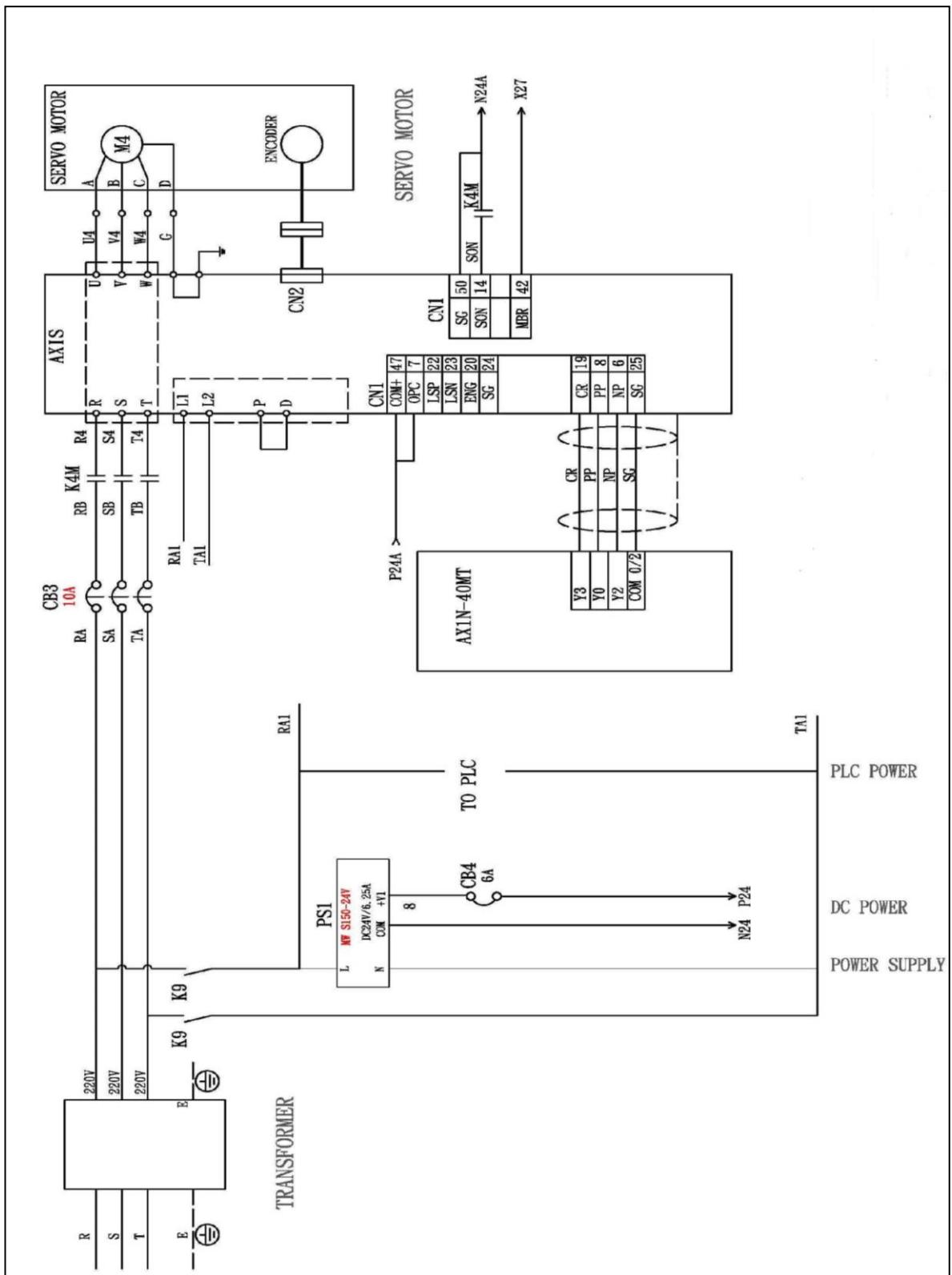
<b>Index No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Size</b>	<b>Qty</b>
61 .....	MBS1012-61.....	Bearing.....	608.....	8
62 .....	MBS1012-62.....	Screw .....	5x15.....	4
63 .....	MBS1012-63.....	Capscrew .....	M8x40.....	10
65 .....	MBS1012-65.....	Spring Washer .....		1
65-1 .....	MBS1012-65-1 .....	Blade Adjustable (Rear) .....	1/8.M6.90° .....	2
66 .....	MBS1012-66.....	Valve .....	CAP M12*60.....	1
67 .....	MBS1012-67.....	Chip Plate.....		1
68 .....	MBS1012-68.....	Socket Pan Head Screw .....	12x30.....	2
70 .....	MBS1012-69.....	Screw .....	M5.....	1
71 .....	MBS1012-70.....	Drive Wheel.....		1
72 .....	MBS1012-71.....	Washer.....	40x10.2x5.....	1
73 .....	MBS1012-73.....	Socket Pan Head Screw .....	M10x25.....	1
74 .....	MBS1012-74.....	Socket Head Cap Screw .....	M12x45.....	1
74-2 .....	MBS1012-74-2 .....	Nut.....	M8 x13.....	2
75 .....	MBS1012-75.....	Blade Back Cover .....		1
75-1 .....	MBS1012-75-1 .....	Blade Left Cover.....		1
75-2 .....	MBS1012-75-2 .....	Blade Up Cover.....		1
75-3 .....	MBS1012-75-3 .....	Blade Down Cover .....		1
76 .....	MBS1012-76.....	Wire Fixed Board .....		1
76-1 .....	MBS1012-76-1 .....	Hex Cap Screw .....	M8x16.....	2
78 .....	MBS1012-78.....	Saw Blade .....	2965x27x0.9.....	1
79 .....	MBS1012-79.....	Idler Wheel.....		1
118 .....	MBS1012-118.....	Miter Plate .....		1
118*1 .....	MBS1012-118-1 .....	Hex Cap Screw .....	M10x20.....	2
118*2 .....	MBS1012-118-2 .....	Oil Head .....	10x1.0.....	1
118*3 .....	MBS1012-118-3 .....	Nut.....	M10.....	2
118*4 .....	MBS1012-118-4 .....	Nut.....	M8.....	1
118*5 .....	MBS1012-118-5 .....	Hex Cap Screw .....	M8*30 .....	1
119 .....	MBS1012-119.....	Breaking Eletronic Board .....		1
119*1 .....	MBS1012-119-1 .....	Hex Cap Screw .....	M8x20.....	1
120 .....	MBS1012-120.....	Nylon Nut .....	M30x1.5P .....	1
122 .....	MBS1012-122.....	Anti-Chip Cover.....		1
123 .....	MBS1012-123.....	Bushing .....		1
124 .....	MBS1012-124.....	Bearing .....	32006 .....	2
125 .....	MBS1012-125.....	Cylinder Support .....		1
125A .....	MBS1012-125A .....	Spring Holder .....		1
125B .....	MBS1012-125B .....	Spring Support .....		1
125*1 .....	MBS1012-125-1 .....	Hex Cap Screw .....	M 8x25.....	1
125*2 .....	MBS1012-125-2 .....	Hex Cap Screw .....	M12x70.....	1
125*4 .....	MBS1012-125-4 .....	Pin .....	D6x30 .....	2
125*5 .....	MBS1012-125-5 .....	Nut .....	M10.....	1
125*6 .....	MBS1012-125-6 .....	Socket Pan Head Screw .....	M12x30.....	1
126 .....	MBS1012-126.....	Cylinder .....		1
127 .....	MBS1012-127.....	Oil House Suppot Plate .....		1
127*1 .....	MBS1012-127-1 .....	Socket Head Cap Screw .....	M8x25.....	1
128 .....	MBS1012-128.....	Switch Board .....		1
128*2 .....	MBS1012-128-2 .....	Hex Cap Screw .....	M10x30.....	2
SA01 .....	MBS1012-SA01.....	Socket Pan Head Screw .....		4
SA02 .....	MBS1012-SA02.....	Washer .....		4
SA03 .....	MBS1012-SA03.....	Rod Stop Bar .....		1
SA04 .....	MBS1012-SA04.....	Liner Slide Plate .....		1
SA05 .....	MBS1012-SA05.....	Liner Slide .....		1
SA06 .....	MBS1012-SA06.....	Liner Slide Board .....		1
SA07 .....	MBS1012-SA07.....	Socket Pan Head Screw .....		1
SA08 .....	MBS1012-SA08.....	Liner Slide Suppot .....		1
SA09 .....	MBS1012-SA09.....	Rod Stop Bar Plate .....		1
SA10 .....	MBS1012-SA10.....	Washer.....		2
SA11 .....	MBS1012-SA11.....	Socket Pan Head Screw .....		2
SA12 .....	MBS1012-SA12.....	Washer.....		2
SA13 .....	MBS1012-SA13.....	Socket Pan Head Screw .....		2
SA14 .....	MBS1012-SA14.....	Socket Pan Head Screw .....		2
SA15 .....	MBS1012-SA15.....	Washer.....		2
SA16 .....	MBS1012-SA16.....	Liner Slide Set Board .....		1

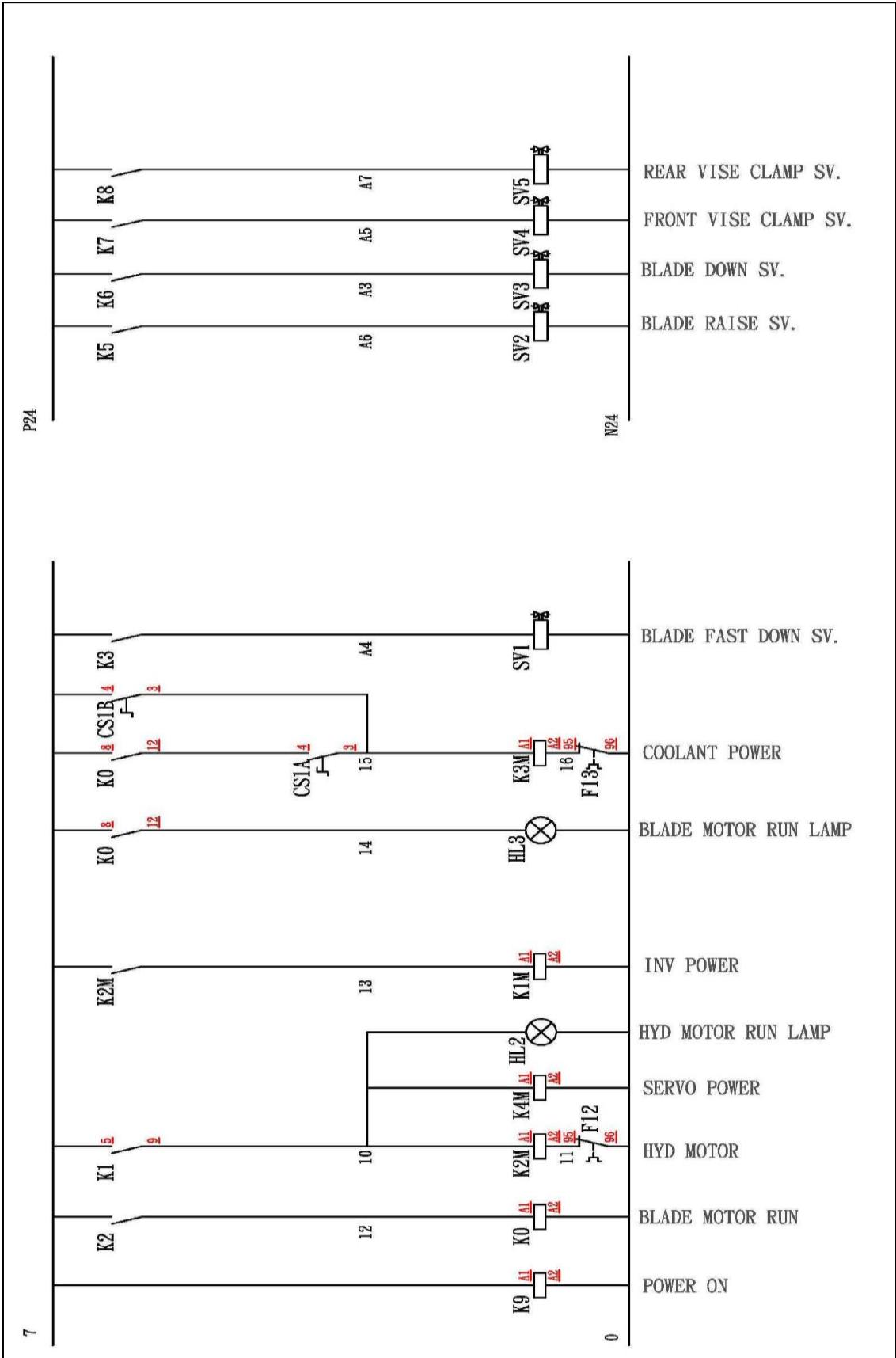
<b>Index No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Size</b>	<b>Qty</b>
SA17 .....	MBS1012-SA17.....	Washer.....		2
SA18 .....	MBS1012-SA18.....	Socket Pan Head Screw .....		2

# MBS-1012 CNC...50000362T.... 3~400V, 50Hz

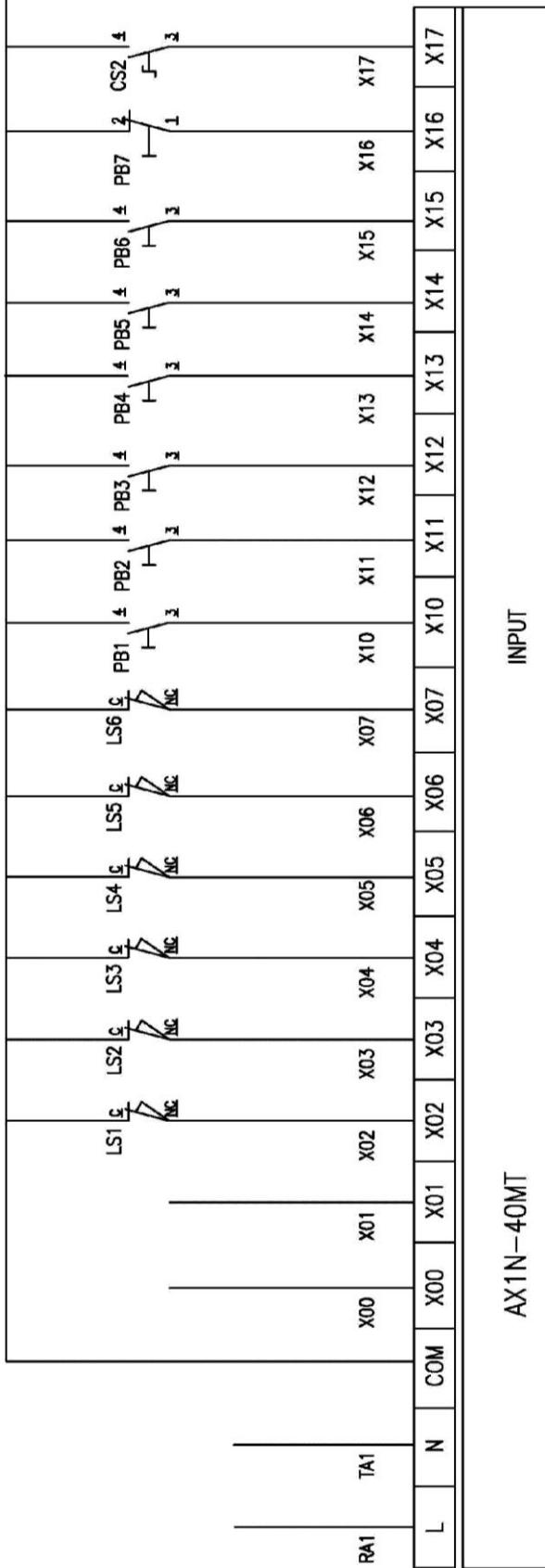
## Control Circuit Diagram







N24



FRONT VISE CLOSE CS.

HYD MOTOR STOP PB.

BLADE DOWN PB.

BLADE RAISE PB.

FEEDING BACKWARD PB.

FEEDING FORWARD PB.

BLADE MOTOR RUN PB.

HYD MOTOR RUN PB.

BLADE UP SE.

VISE NO MATERIAL LS.

FEEDING BACKWARD LS.

FEEDING FORWARD LS.

BLADE DOWN SE.

BLADE MOTION DTECTOR PRS.

INPUT

AX1N-40MT

