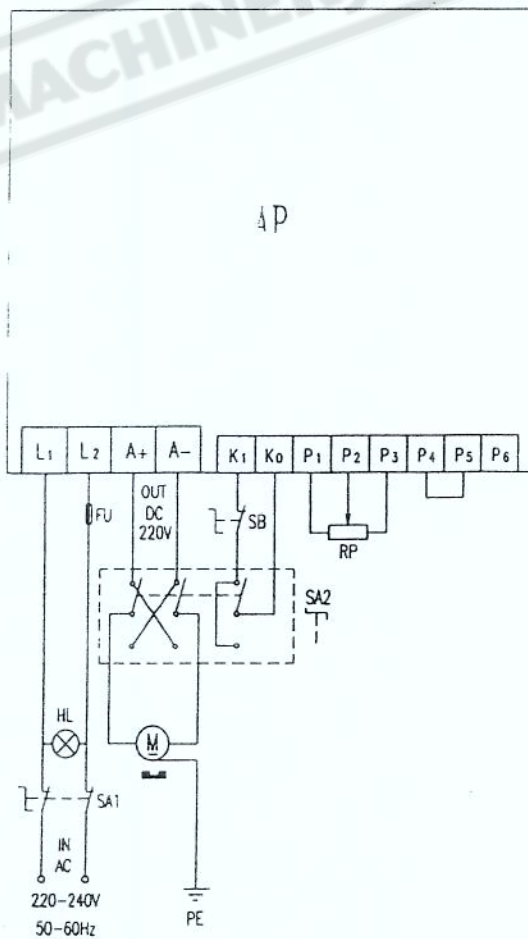


MACHINERYHOUSE



No	Description	Qty	No	Description	Qty
1	Transmission gear	1	43	Clockwork spring	1
2	Dial fork	1	44	Adjust washer	1
3	Small gear rack	1	45	Left support flange	1
4	key block	2	46	Pinion	1
5	Protecting flange of spindle	1	47	Right support flange	1
6	Under oil seal I	1	48	Big dial	1
7	Spindle	1	49	Big handle seat	1
8	Sleeve limit pad	1	50	Washer	1
9	Under oil seal II	1	51	Dial fork shaft	1
10	Spindle sleeve	1	52	Handle shank	3
11	Spindle box	1	53	Move shaft	1
12	Draw Bar	1	54	Adjust washer	1
13	Washer I	1	55	Right support flange	1
14	Washer II	1	56	Adjust washer	1
15	Inside spline sleeve	1	57	Rotate handle	1
16	Square bearing seat	1	58	Spindle lock sleeve II	1
17	Spindle out gear	1	59	Spindle lock handle	1
18	Spindle box cover	1	60	Spindle lock sleeve I	1
19	Adjustment pad	1	61	Washer	1
20	Protecting pad of spindle	1	62	Small handle	1
21	Bearing seat	1	63	Adjust Screw	1
22	Flange	1	64	Wedge	1
23	II shaft	1	65	Verticality table	1
24	Washer of II shaft	1	66	End cap	1
25	Transmission gear	1	67	Washer	1
26	Washer	1	68	Slanting shaft	1
27	I shaft	1	69	Small handle	3
28	Up press loop	1	70	Pressing spring	3
29	Big Timing belt	1	71	Spring piece	4
30	Under press loop	1	72	Bearing 8106	1
31	Bearing seat	1	73	Bearing 80107	1
32	Washer	2	74	Bearing 80101	4
33	Center finding shaft	1	75	Timing belt	1
34	Side cover of spindle box	1	76	oil cup 6	7
35	Move gear	1	77	Oil cup 8	1
36	Washer	1	78	Steel ball 5	3
37	Motor fixed tray	1	79	Bearing Z007106	1
38	Motor encloser	1	80	Bearing 80106	1
39	Under press loop	1	81	Screw M5*20	8
40	Motor pulley	1	82	Screw M5*40	5
41	Up press loop	1	83	Pin 6*25	2
42	Spring encloser	1	84	Key 4*40	2

85	Screw M4*16	2	128	Screw M4*20	4
86	Pin 4*16	1	129	Verticality lead rail	1
87	Screw M6*16	1	130	Side plate II	1
88	Nut M6	11	131	Side plate I	1
89	Screw M5*12	6	132	Screw thread shaft	2
90	Pin 4*8	1	133	Limit sleeve	1
91	Screw M6*8	1	134	Under bearing seat	1
92	Screw M6*12	1	135	Verticality lead screw	1
93	Small round nut M27*1.5	2	136	Verticality leadscrew nut	1
94	Check ring 62	1	137	Support	1
95	Check ring 35	1	138	Up Bearing seat	1
96	Washer 12	1	139	Back canopy hood	1
97	Nut M12	1	140	Cover board I	1
98	Key 8*20	1	141	Cover board II	1
99	Key 4*25	2	142	Screw M6*10	1
100	Key 5*40	2	143	Screw M5*8	2
101	Screw M4*16	2	144	Washer 10	4
102	Spring 4	2	145	Screw M8*20	4
103	Key 4*16	6	146	Pin 8*45	2
104	Screw M4*8	6	147	Screw M5*8	2
105	Check ring	2	148	Screw M4*5	10
106	Screw M5*16	3	149	Bolt M10*50	4
107	Screw M4*8	4	150	Pin 4*20	12
108	Check ring 10	1	151	Pin 4*26	1
109	Key 3*16	1	152	Pin 6*30	2
110	Screw M6*16	4	153	Ruler	1
111	Screw M4*6	4	154	Cushioning cylinder	1
112	Check ring	6	155	Bearing 8101	8
113	Pin 3*10	1	156	Bearing 80101	1
114	Check ring 16	1	157	Adjust screw	4
115	Pin 4*16	1	158	Base	1
116	Screw M4*16	7	159	Saddle	1
117	Screw M6*16	5	160	Worktable	1
118	Screw M5*16	23	161	Washer	2
119	Washer 5	8	162	Y-axis feeding screw	1
120	Pin 4*10	1	163	X-axis screw nut	1
121	Long handle sleeve	3	164	Y-axis screw nut	1
122	Screw M6*6	1	165	X-axis wedge	1
123	Screw M10*25	4	166	Y-axis bearing seat	1
124	Key 4*12	1	167	Gear	2
125	Pin 5*10	1	168	Sleeve	1
126	Pin 6*26	2	169	Rotate shaft	1
127	Screw M5*6	1	170	Support flange	1

171	X-axis feeding screw	1	213	Lead tube	2
172	Y-axis wedge	1	214	Switch label	1
173	X-axis bearing seat	1	215	Fuse box	1
174	Nut M12	4	216	Power indicating Lamp	1
175	Hand wheel	2	217	Potentiometer with Switch	1
176	Nut M8	6	218	Emergency stop Switch	1
177	Hand wheel	1	219	Reverse/Off/Forward Switch	1
178	Finger	1	220	PC Board	1
179	Handle sleeve	3	221	Screw M4*35	4
180	Inlay ring	3	222	Cooling fan	1
181	Dial	3	223	Power cord	1
182	Screw M8*55	3	224	Motor	1
183	Screw M4*12	4	225	Fault indicating lamp	1
184	Screw M6*25	8	226	Power switch	1
185	Washer 8	3	227	Nut M4	4
186	Pin 3*20	4			
187	Screw M6*6	1			
188	Rivet 2*3	2			
189	Cap nut	3			
190	Splash guard	1			
191	Lead rail rotate body	1			
192	Small rotate shaft	1			
193	Thick washer	1			
194	Protective cover lead rail	1			
195	Support Bracket	1			
196	Caution label	1			
197	Motor lable	1			
198	Main label	1			
199	Lock Label	1			
200	Inlay strip	1			
201	Spring	1			
202	Screw M6*6	1			
203	Pin 3*18	1			
204	Screw M5*10	4			
205	Washer 6	1			
206	Screw M4*5	1			
207	Inlay strip 8*3*200	1			
208	Fine lead wire 1*85	1			
209	Microswitch	1			
210	Microswitch Protective cover	1			
211	Screw M3*10	2			
212	Lead tube connect	4			

Packing List

No.	Name	Description	Q'ty
1	Drill chuck with key	13 mm	1
2	Double end wrench	8*10, 14*17, 17*19	Each 1
3	L Hex. Wrench	S: 3, 4, 5, 6	Each 1
4	Oil can		1
5	Draw bar		1
6	Taper shank	MT#3	1
7	Nut	M12	1
8	Washer	12mm	1
9	T-nut		2
10	Oblique wedge		

PLANT SAFETY PROGRAM

NEW MACHINERY HAZARD IDENTIFICATION, ASSESSMENT & CONTROL

Stock Code: M153

Description: Milling Machine

Model: X3 3mt

Brand:

HAFCO

Developed in Co-operation Between A.W.I.S.A and Australia Chamber of Manufactures
This program is based upon the Australian Worksafe Standard for Plant(NOHS:1010-1994)

Item No.	Hazard Identification	Hazard Assessment	Risk Control Strategies <small>(Recommended for Purchase / Buyer / User)</small>
A	ENTANGLEMENT	HIGH	Eliminate, avoid loose clothing / Long hair etc.
B	CRUSHING	LOW	Secure & support workpiece on mill table.
C	CUTTING, STABBING, PUNCTURING	MEDIUM	Isolate power to machine prior to any checks or maintenance being carried out. Do not adjust or clean machine until the machine has fully stopped.
D	SHEARING	MEDIUM	Make sure all guards are secured shut when machine is on. Isolate power to machine prior to any checks or maintenance.
F	STRIKING	MEDIUM	Ensure tooling is secure in chuck. Wear safety glasses. Stand clear of moving parts on machine. Remove all loose objects around moving parts. Ensure correct spindle direction when milling.
H	ELECTRICAL	MEDIUM	All electrical enclosures should only be opened with a tool that is not to be kept with the machine. Machine should be installed & checked by a Licensed Electrician.
M	HIGH TEMPERATURE	LOW	Wear appropriate protective clothing to prevent hot swarf.
O	OTHER HAZARDS, NOISE.	LOW	Wear hearing protection as required.

Plant Safety Program to be read in conjunction with manufactures instructions



ABN 96 000 286 957

"THE JUNCTION" 2 WINDSOR ROAD, NORTHMEAD NSW 2152
Phone (02) 9890 9111 Fax (02) 9890 3888

Authorised and signed by:
Safety officer:
Manager:

Date: Mar-02