

SPARE PARTS SECTION

The following section covers the spare parts diagrams and lists that were current at the time this manual was originally printed. Due to continuous improvements of the machine, changes may be made at any time without notification.

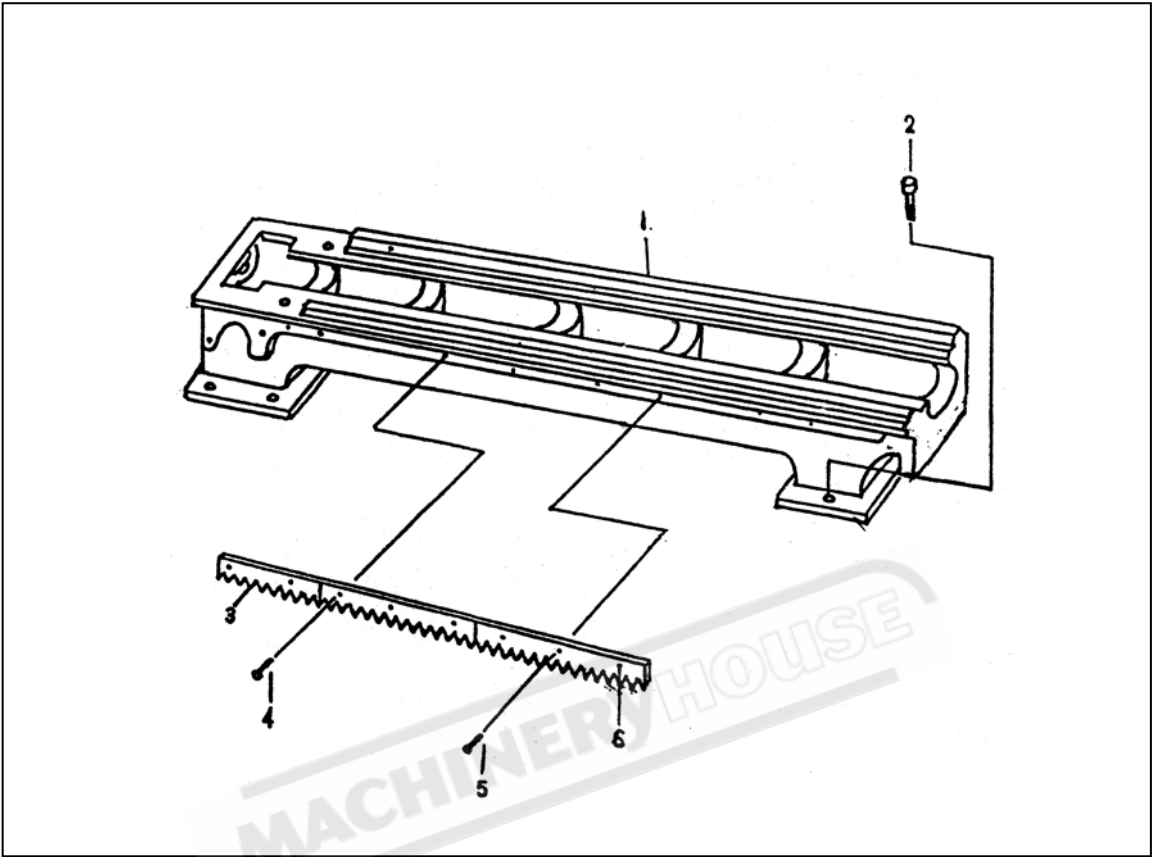
HOW TO ORDER SPARE PARTS

1. Have your machines **model number, serial number & date of manufacture** on hand, these can be found on the specification plate mounted on the machine
2. A scanned copy of your parts list/diagram with required spare part/s identified
3. Go to www.machineryhouse.com.au/contactus and fill out the enquiry form attaching a copy of scanned parts list.

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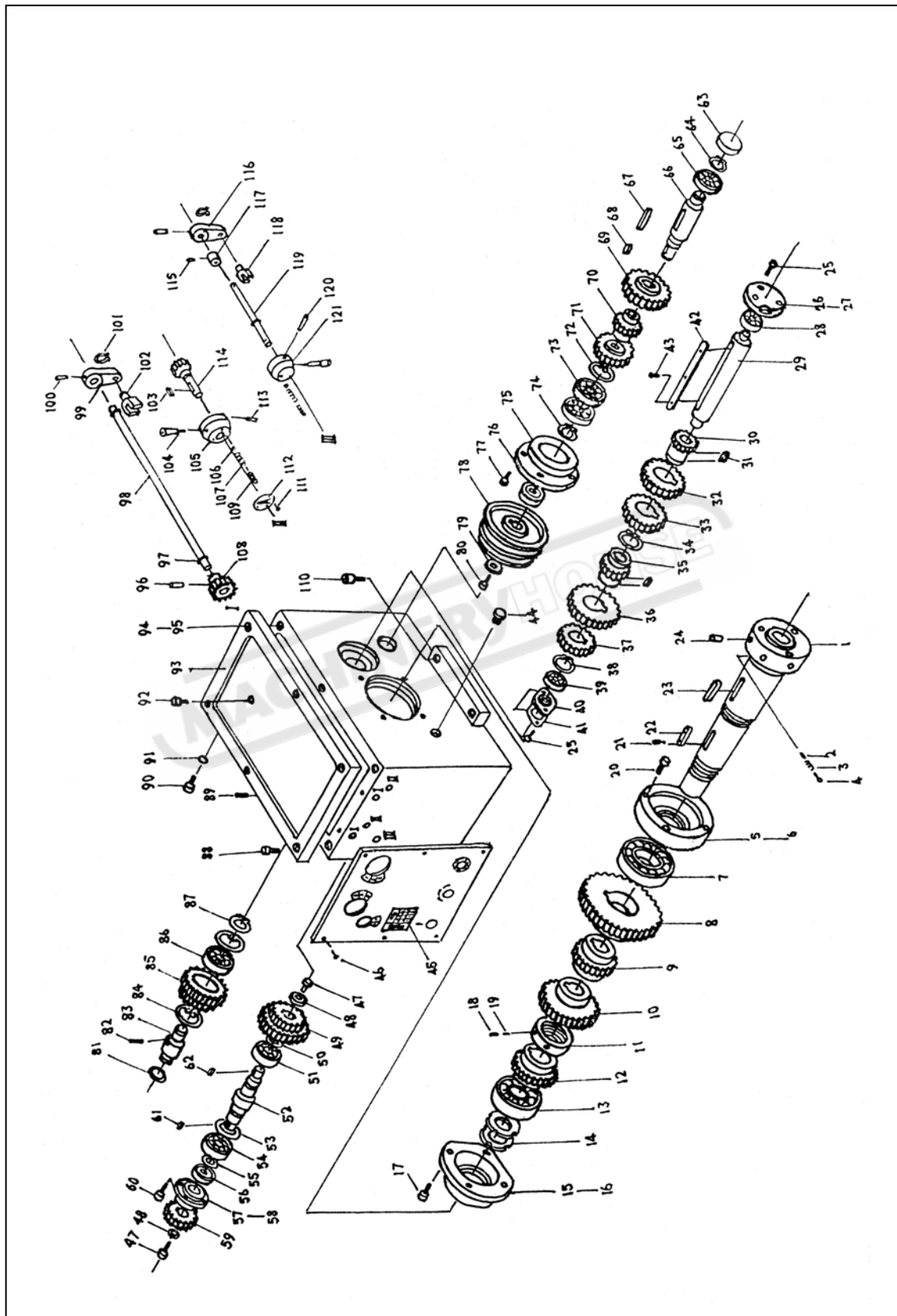
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BED ASSEMBLY



BED ASSEMBLY							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Lathe bed	1	10047	4	Screw	6	M6×15
2	Screw	6	M12 ×40	5	Pin	6	5×20
3	Rack gear	1	1009	6	Rack gear	2	1011

HEAD STOCK



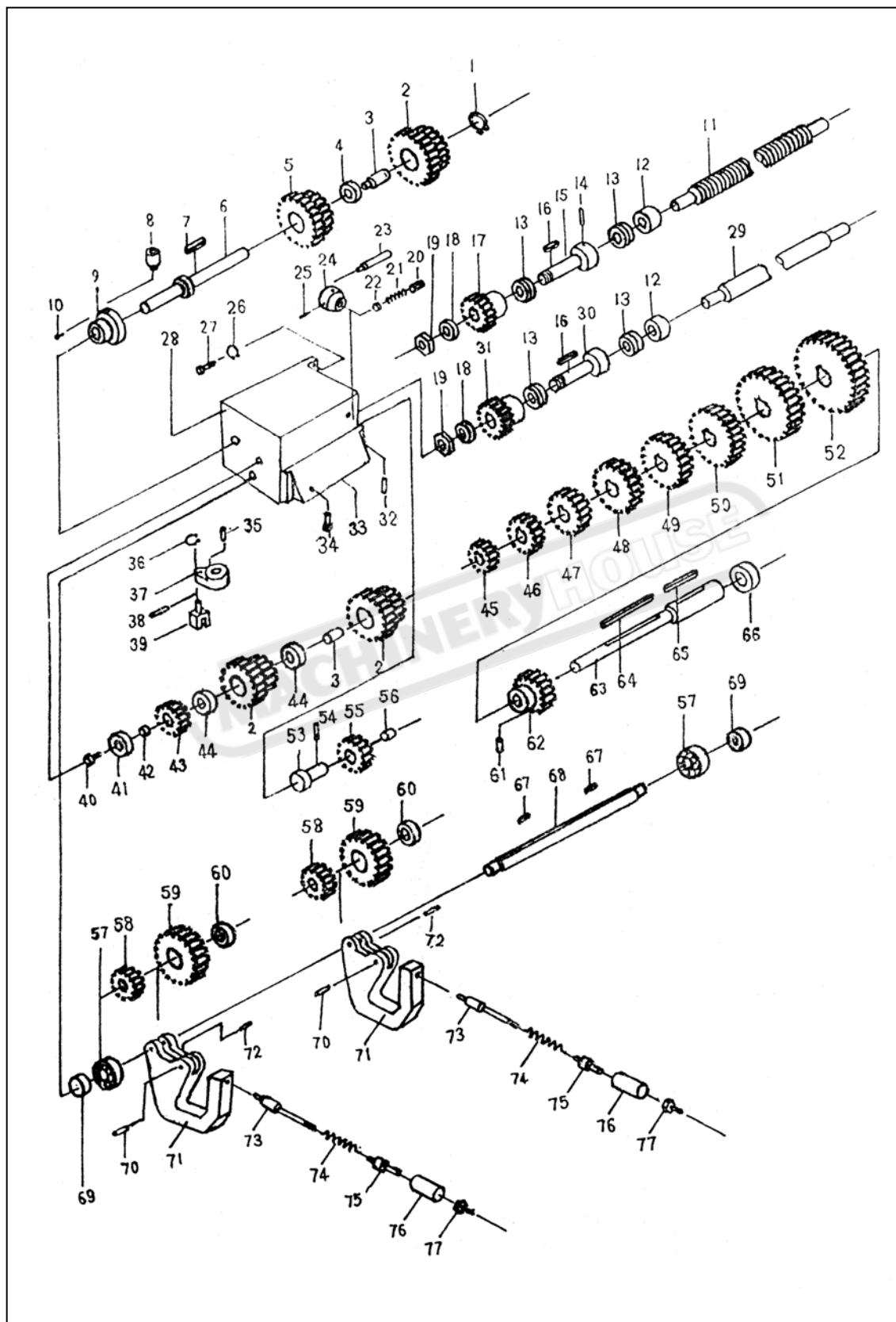
OWNER'S MANUAL

HEAD STOCK							
No.	NAME	QTY	NOTE	No.	NAME	QTY	NOTE
1	Spindle	1	2034	34	Circlip	1	
2	Lock pin	3	2035	35	Gear	1	2022
3	Spring	3	0.6×4×22	36	Gear	1	2020
4	Screw	3	M8×16	37	Gear	1	2021
5	Cover	1	2038	38	Circlip	1	
6	Oil seal	1	2006	39	Bearing	1	6104
7	Bearing	1	D7212	40	Cover	1	2009
8	Gear	1	2031	41	Oil seal	1	2009A
9	Gear	1	2030	42	Key	1	8×108
10	Gear	1	2029	43	Screw	2	M3×8
11	Nut	1	2024	44	Oil seal	1	
12	Gear	1	2008	45	Fascia	1	2055
13	Bearing	1	D7212	46	Screw	6	M3×8
14	Nut	2	2007	47	Screw	2	M6×12
15	Cover	1	2005A	48	Washer	2	2003
16	Oil seal	1	2023	49	Gear	2	2026
17	Screw	4	M8×16	50	Circlip	1	25
18	Screw	2	M8×8	51	Bearing	1	
19	Collar	2	2025	52	Shaft	1	2027a
20	Screw	4	M8×16	53	Circlip	1	42
21	Screw	2	M3×8	54	Bearing	1	
22	Key	1	8×45	55	Circlip	1	20
23	Key	1	8×80	56	Oil seal	1	D20×40×10
24	Shaft	3	2037	57	Cover	1	2004A
25	Screw	5	M8×16	58	Oil seal	2	2066
26	Cover	1	2040	59	Gear	1	2002B
27	Oil seal	1	2028	60	Screw	3	M6×115
28	Bearing	1		61	Key	1	C5×8
29	Shaft	1	2039	62	Key	1	C5×20
30	Gear	1	2017	63	Cover	1	2063
31	Key	2	5×18	64	Circlip	1	
32	Gear	1	2015	65	Bearing	1	
33	Gear	1	2016	66	Shaft	1	2010B

OWNER'S MANUAL

No.	NAME	QTY	NOTE	No.	NAME	QTY	NOTE
67	Key	1	5×80	95	Headstock	1	2033
68	Key	1	C5×24	96	Pin	2	4×24
69	Gear	1	2019	97	Oil seal	7	16×2.4
70	Gear	1	2018	98	Shaft	2	2046
71	Gear	1	2013	99	Shaft arm	2	2042
72	Circlip	1	47	100	Pin	3	4×24
73	Bearing	2		101	Circlip	3	
74	Circlip	1		102	Shifter	2	2041
75	Cover	1	2012B	103	Key	2	5×16
76	Oil seal	1	D25×40×10	104	Handle	3	2058
77	Screw	4	M6×20	105	Boss	2	2059
78	Pulley	1	2014	106	Ball	4	
79	Washer	1	2011	107	Spring	4	1×6×20
80	Screw	1	M8×20	108	Gear	2	2047
81	Oil seal	1		109	Screw	4	M8×8
82	Screw	1	M6×8	110	Screw	2	M12×25
83	Shaft	1	2001	111	Screw	4	M3×6
84	Circlip	2	47	112	Fascia	2	2060
85	Gear	1	2032	113	Screw	2	M6×20
86	Bearing	1		114	Gear	2	2061
87	Circlip	1		115	Screw	1	M6×8
88	Screw	6	M6×30	116	Shift arm	1	2054A
89	Screw	2	M6×20	117	Collar	1	2079
90	Screw	1	M16×1.5	118	Shifter	1	2048
91	Oil seal	1	16×2.4	119	Shaft	1	2052
92	Screw	1	M16×1.5	120	Pin	1	5×40
93	Cover	1	2044	121	Boss	1	2051
94	Oil seal	1	2062				

GEAR BOX



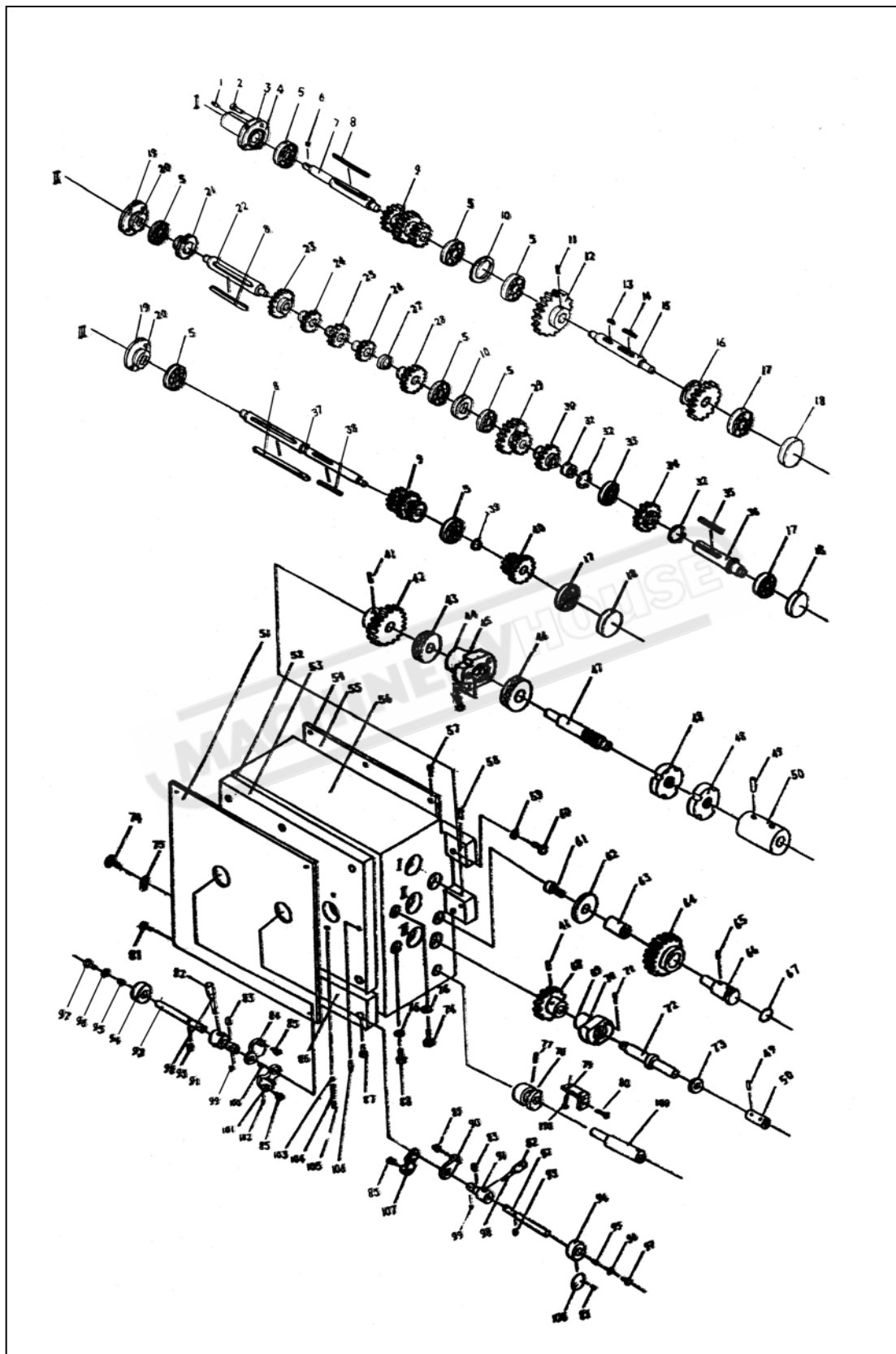
OWNER'S MANUAL

GEAR BOX							
No.	NAME	QTY	NOTE.	No.	NAME	QTY	NOTE.
1	Oil Cup	1		21	Boss	1	2057
2	Circlip	1		22	Pin	1	5×40
3	Gear	3	3015	23	Gear Box	1	3001
4	Bushing	3	3016	24	Screw	3	M8×8
5	Washer	1	3024	25	Spring	2	1×4.5×7
6	Gear	1	3023	26	Sted Ball	2	
7	Shaft	1	3022	27	Screw	2	M10×30
8	Key	1	5×10	28	Spring washer	2	
9	Cover	1	3031	29	Feed Rod	1	1006
10	Screw	3	M6×16	30	Shaft	1	3047
11	Guide Screw	1	1005	31	Gear	1	3004
12	Sheath	2	3084	32	Plate	1	3029
13	Bearing	4	8103	33	Screw	4	M6×16
14	Pin	2	5×35	34	Shaft	1	3039
15	Shaft	1	3028	35	Circlip	1	
16	Key	2	5×14	36	Shifter Arm	1	3040
17	Gear	1	3026	37	Pin	1	5×30
18	Nut	4	M12	38	Shifter	1	3041
19	Washer	4	3025	39	Bushing	1	3019
20	Lever	1	6056	40	Screw	1	M6×12

OWNER'S MANUAL

No.	NAME	QTY	NOTE	No.	NAME	QTY	NOTE
41	Washer	1	3021	61	Pin	1	
42	Gear	2	3018	62	Gear	1	3027
43	Washer	2	3017	63	Shaft	1	3020
44	Gear	1	3012	64	Key	1	5×75
45	Gear	1	3011	65	Key	1	3042
46	Gear	1	3010	66	Top	1	3043
47	Gear	1	3009	67	Key	2	3014
48	Gear	1	3008	68	Shaft	1	3003
49	Gear	1	3007	69	Pin	2	5×18
50	Gear	1	3006	70	Top	2	3002
51	Gear	1	3005	71	Screw	2	M6×5
52	Gear	2	3044	72	Shaft	2	3051
53	Pin	4	6×25	73	Shaft	2	3054
54	Gear	2	3045	74	Spring	2	1×8×47
55	Bushing	1	3046	75	Sleeve	2	2053
56	Bearing	2		76	Housing	2	3055
57	Gear	1	3013	77	Nut	2	M6
58	Gear	2	3049				
59	Bushing	2	3050				
60	Shifter Lever	2	3052				

GEAR BOX- I

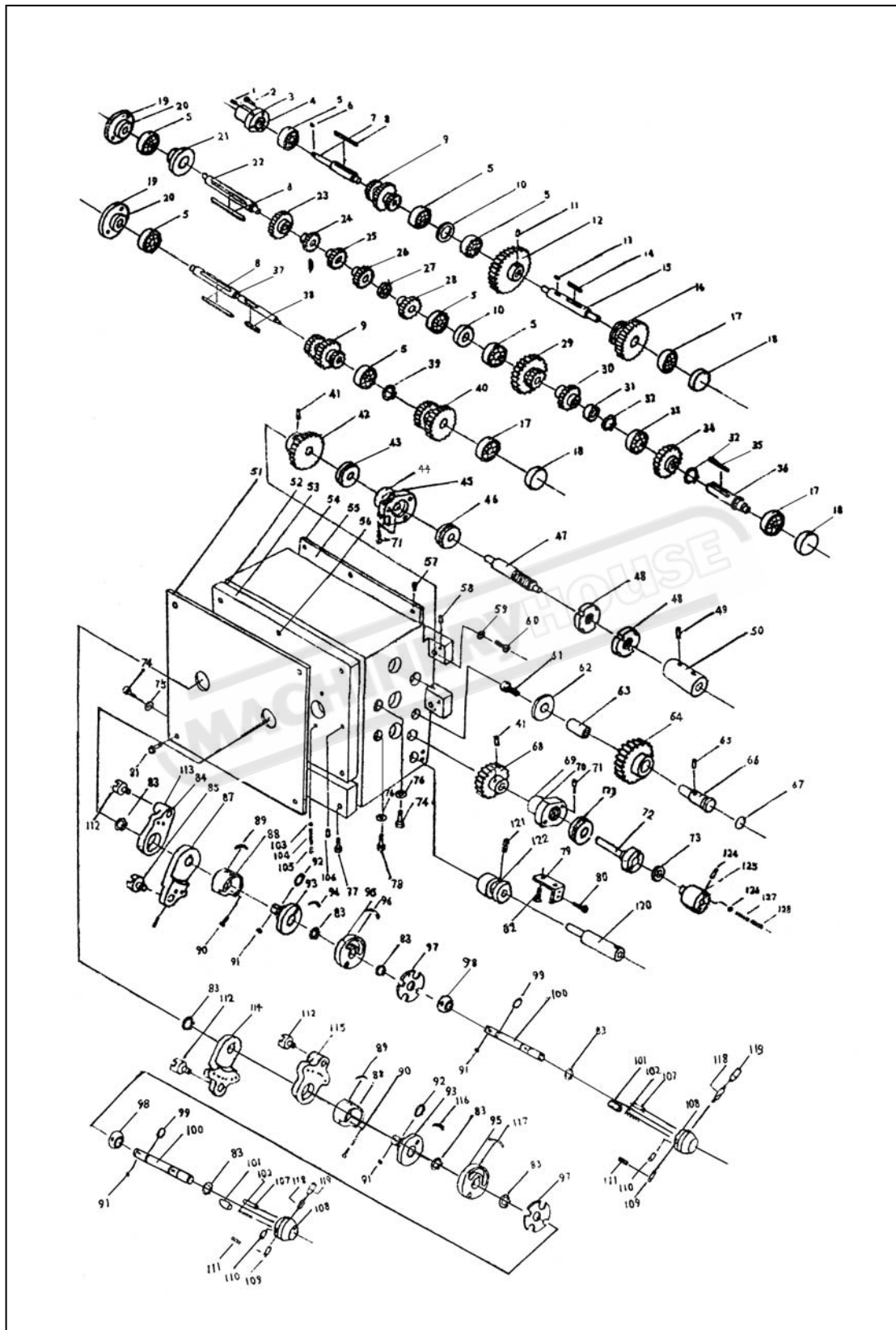


GEAR BOX- I							
No.	NAME	QTY	NOTE	No.	NAME	QTY	NOTE
1	Oil Cup	1		29	Gear	1	3026C
2	Screw	7	M6×12	30	Gear	1	3007C
3	Cover	1	3034B	31	Washer	1	3008C
4	Oil seal	1	3035C	32	Circlip	2	
5	Bearing	8		33	Bearing	1	
6	Key	1	5×13	34	Gear	1	3009B
7	Shaft	1	3041B	35	Key	1	C5×40
8	Key	3	6×90	36	Shaft	1	3019C
9	Gear	2	3005B	37	Shaft	1	3004B
10	Washer	2	3066B	38	Key	1	5×35
11	Screw	1	M6×8	39	Circlip	1	
12	Gear	1	3027C	40	Gear	1	3006C
13	Key	1	6×15	41	Pin	2	5×25
14	Key	1	6×35	42	Gear	1	3018C
15	Shaft	1	3067C	43	Bearing	1	8103
16	Gear	1	3025C	44	Cover	1	3084D
17	Bearing	3		45	Oil seal	1	3068D
18	Cover	3	3017B	46	Bearing	1	8104
19	Cover	2	3044B	47	Shaft	1	3021C
20	Oil seal	2	3046B	48	Nut	2	M20×1.5
21	Washer	1	3045B	49	Pin	1	5×25
22	Shaft	1	3033B	50	Bushing	1	3020D
23	Gear	1	3029B	51	Fasica	1	3060D
24	Gear	1	3031B	52	Oil seal	1	3071D
25	Gear	1	3032B	53	Cover	1	3059B
26	Gear	1	3003B	54	Cover	1	3042C
27	Washer	1	3030B	55	Oil seal	1	3070C
28	Gear	1	3002B	56	Gear box	1	3001C

OWNER'S MANUAL

No.	NAME	QTY	NOTE	No.	NAME	QTY	NOTE
57	Screw	6	M6×12	85	Shifter	3	3049B
58	Pin	2	5×25	86	Cover	1	3061B
59	Spring washer	2		87	Screw	8	M8×16
60	Screw	2	, 10×30	88	Oil window	1	
61	Screw	1	M6×12	89	Shifter	1	3062B
62	Washer	1	6×32×5	90	Shifter arm	1	3063B
63	Bushing	1	3024C	91	Boss	2	3057C
64	Gear	1	3016C	92	Shaft	2	3056C
65	Screw	1	M6×16	93	Oil seal	2	16×2.4
66	Shaft	1	3015C	94	Hand wheel	2	3054C
67	Oil seal	1	22×2.65	95	Key	2	5×8
68	Gear	1	3014C	96	Washer	2	
69	Cover	1	3022F	97	Screw	2	M6×10
70	Oil seal	1	3086D	98	Lever	2	3051C
71	Screw	5	M6×25	99	Key	2	5×8
72	Shaft	1	3013E	100	Pin	1	
73	Oil seal	1	25×40×10	101	Shifter arm	1	3058C
74	Screw	2	M16×1.5	102	Screw	4	M3×6
75	Washer	2		103	Ball	4	Ø15
76	Oil seal	2	16×2.4	104	Spring	4	1×5×14
77	Screw	1	M6×10	105	Screw	4	M8×5
78	Position piece	1	3012E	106	Pin	2	M5×25
79	Support	1	7003C	107	Shifter arm	2	3065C
80	Screw	2	M4×20	108	Sign board	2	2060
81	Screw	8	M8×16	109	Shaft	1	3011D
82	Knob	2	M8×40	110	Screw	2	M4×40
83	Oil seal	2	25×2.65				
84	Shifter Arm	1	3053B				

GEAR BOX- II

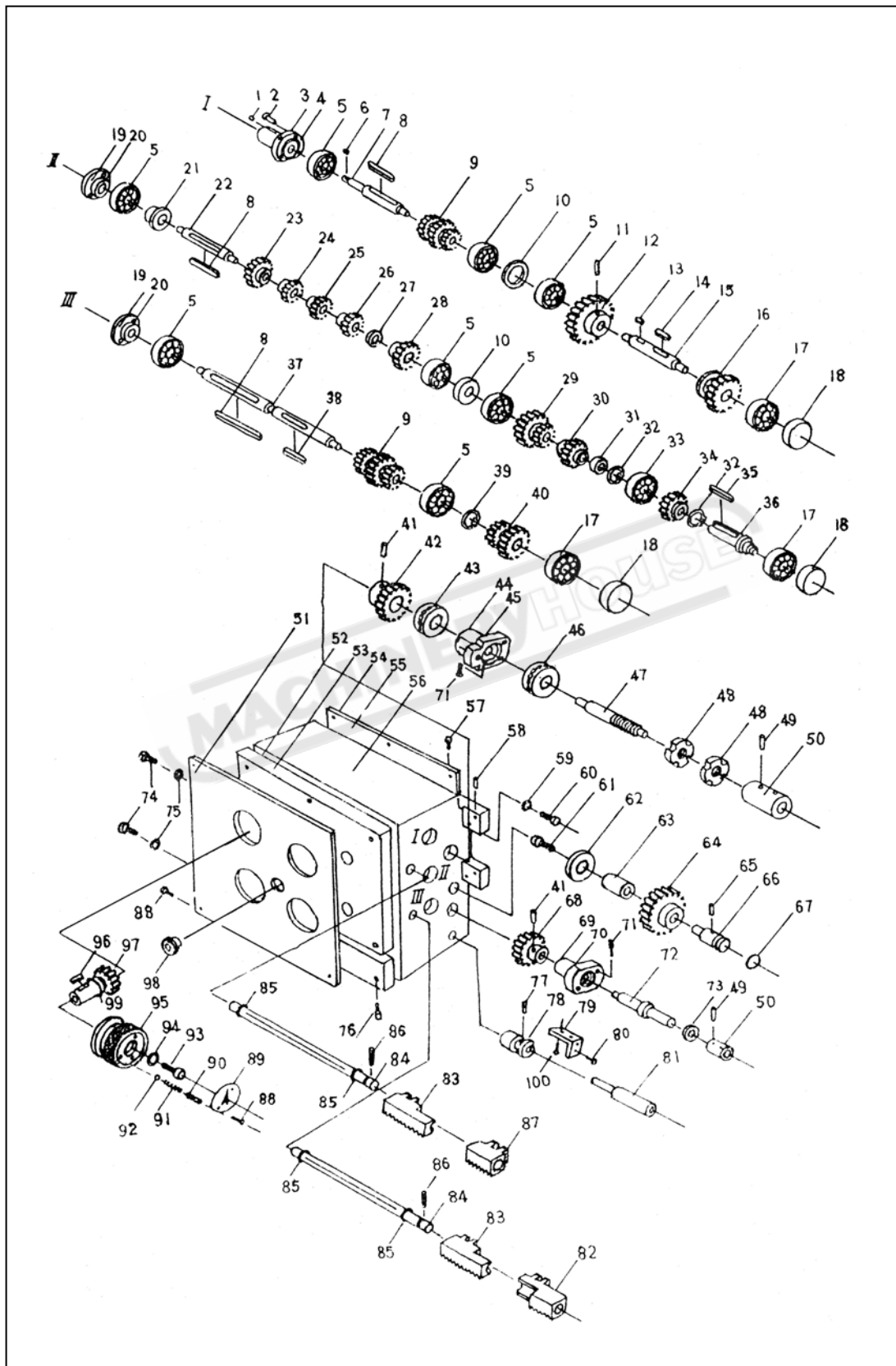


OWNER'S MANUAL

GEAR BOX- II							
No.	NAME	QTY	NOTE	No.	NAME	QTY	NOTE
1	Oil Cup	1		33	Bearing	1	
2	Screw	7	M6×12	34	Gear	1	3009B
3	Cover	1	3034B	35	Key	1	C5×40
4	Oil seal	1	3035C	36	Shaft	1	3019C
5	Bearing	8		37	Shaft	1	3004B
6	Key	1	5×13	38	Key	1	5×35
7	Shaft	1	3041B	39	Circlip	1	
8	Key	3	6×90	40	Gear	1	3006C
9	Gear	2	3005B	41	Pin	2	5×25
10	Washer	2	3066B	42	Gear	1	3018C
11	Screw	1	M6×8	43	Bearing	1	8103
12	Gear	1	3027C	44	Cover	1	3084D
13	Key	1	6×15	45	Oil seal	1	3068D
14	Key	1	6×35	46	Bearing	1	8104
15	Shaft	1	3067B	47	Shaft	1	3021C
16	Gear	1	3025C	48	Nut	2	M20×1.5
17	Bearing	3		49	Pin	1	5×25
18	Cover	3	3017B	50	Bushing	1	3020E
19	Cover	2	3044B	51	Fascia	1	3060B
20	Oil seal	2	3046B	52	Oil seal	1	3071D
21	Washer	1	3045B	53	Cover	1	3059D
22	Shaft	1	3033B	54	Cover	1	3042C
23	Gear	1	3029B	55	Oil seal	1	3070C
24	Gear	1	3031B	56	Gear box	1	3001D
25	Gear	1	3032B	57	Screw	6	M6×12
26	Gear	1	3003B	58	Pin	2	5×25
27	Washer	1	3030B	59	Spring washer	2	
28	Gear	1	3002B	60	Screw	2	M10×30
29	Gear	1	3026C	61	Screw	1	M6×10
30	Gear	1	3007C	62	Washer	1	6×32×5
31	Washer	1	3008C	63	Bushing	1	3024C
32	Circlip	2		64	Gear	1	3016C

OWNER'S MANUAL

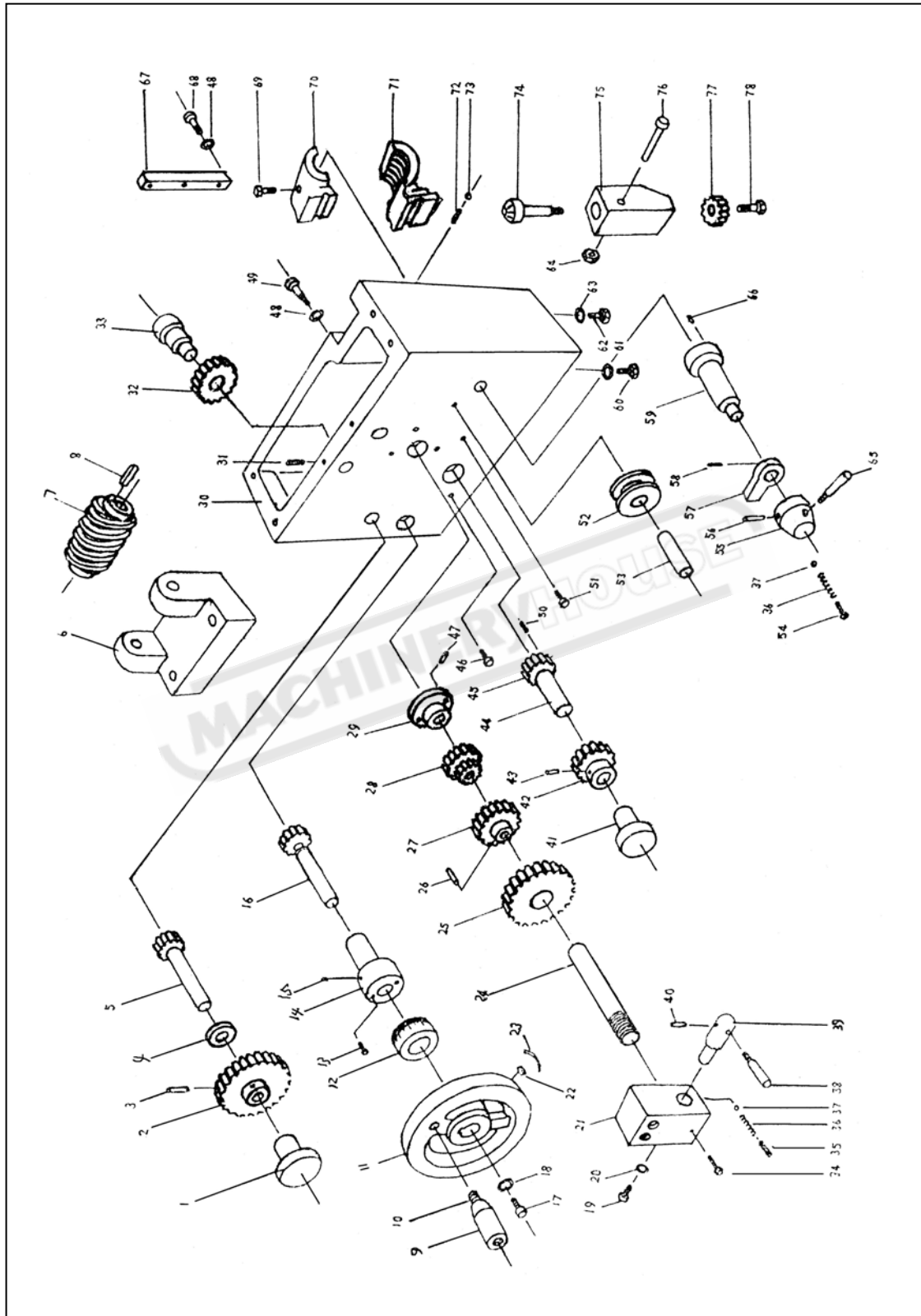
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
65	Screw	1	M6×16	97	Pad	2	3048D
66	Shaft	1	3015C	98	Bulb	2	3052D
67	Oil seal	1	22×2.65	99	Oil seal	2	8.5×1.8
68	Gear	1	3014C	100	Shaft	2	3056D
69	Cover	1	3022F	101	Pin	2	3079D
70	Oil seal	1	3086D	102	Spring	2	
71	Screw	5	M6×25	103	Ball	4	
72	Shaft	1	3013D	104	Spring	4	1×5×14
73	Oil seal	1		105	Screw	4	M8×5
74	Screw	2	M16×1.5	106	Pin	2	M5×25
75	Washer	1		107	Pin	2	5×25
76	Oil seal	1	16×2.4	108	Hand lever	2	3055D
77	Screw	1	3012C	109	Pin	4	A6×20
78	Oil window	1		110	Pin	2	A5×15
79	Bracket	1	3011D	111	Screw	4	M4×6
80	Screw	1		112	Shifter	3	3062B
81	Screw	4	M22×24	113	Spring	2	1×5×14
82	Screw	2	M4×10	114	Shifter arm	1	3058D
83	Circlip	8		115	Shifter arm	1	3053D
84	Shifter arm	1	3063D	116	Tag	1	3064D
85	Shifter	1	3049B	117	Tag	1	3069D
86	Cover	1	3061B	118	Handle	2	2058
87	Shifter arm	1	3065D	119	Knob	2	M8×40
88	Jacket	2	3050D	120	Switch rod	1	3011D
89	Transparent scale	4	3080D	121	Screw	1	M6×10
90	Screw	6	M4×10	122	Position block	1	3012E
91	Key	4	5×6	123	Bearing	1	8103
92	Oil seal	2	21.5×1.8	124	Pin	1	5×40
93	Turn plate	2	3057D	125	Connection part	1	3020D
94	Tag	1	3071D	126	Ball	2	Ø6
95	Channel plate	2	3054D	127	Spring	2	1×5×20
96	Tag	1	3074D	128	Screw	2	M8×8

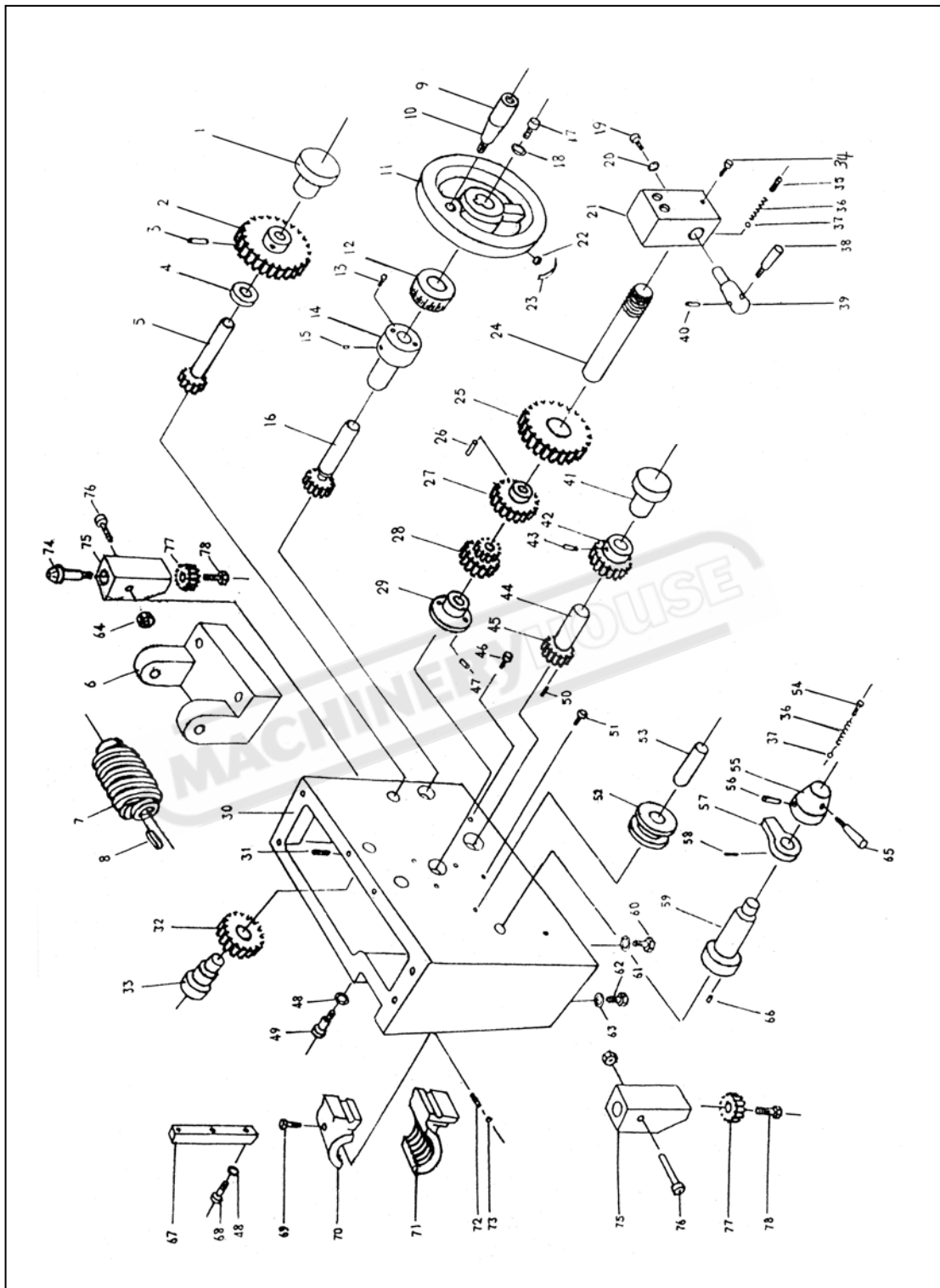
GEAR BOX-III

GEAR BOX- III							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Oil cup	1		26	Gear	1	3003B
2	Screw	7	M6×12	27	Washer	1	3030B
3	Cover	1	3034B	28	Gear	1	3002B
4	Oil seal	1	3035C	29	Gear	1	3026C
5	Bearing	8	89103	30	Gear	1	3007C
6	Key	1	5×13	31	Washer	1	3008C
7	Shaft	1	3041B	32	Circlip	2	
8	Key	3	6×90	33	Bearing	1	89103
9	Gear	2	3005B	34	Gear	1	3009B
10	Washer	2	3066B	35	Key	1	C5×40
11	Screw	1	M6×8	36	Shaft	1	3019C
12	Gear	1	3027C	37	Shaft	1	3004B
13	Key	1	6×15	38	Key	1	5×35
14	Key	1	6×35	39	Circlip	1	
15	Shaft	1	3067B	40	Gear	1	3006C
16	Gear	1	3025C	41	Pin	2	5×6
17	Bearing	3	89102	42	Gear	1	3018C
18	Cover	3	3017B	43	Bearing	1	8103
19	Cover	2	3044B	44	Cover	1	3084D
20	Oil seal	2	3046B	45	Oil seal	1	3068D
21	Washer	1	3045B	46	Bearing	1	8104
22	Shaft	1	3033B	47	Shaft	1	3021C
23	Gear	1	3029B	48	Nut	2	M20×1.5
24	Gear	1	3031B	49	Pin	1	5×6
25	Gear	1	3032B	50	Bushing	1	3020E

OWNER'S MANUAL

NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
51	Fascia	1	3060E	76	Screw	8	M8×15
52	Oil seal	1	3071D	77	Screw	1	M6×10
53	Cover	1	3059D	78	Position piece	1	3012D
54	Cover	1	3042C	79	Support	1	7003B
55	Oil seal	1	3070C	80	Screw	2	M4×20
56	Gear box	1	3001C	81	Shaft	1	3011D
57	Screw	6	M6×12	82	Gear rack	1	3050C
58	Pin	2	5×25	83	Gear rack	2	3049C
59	Spring washer	2		84	Shaft	2	3089A
60	Screw	2	M10×30	85	Oil seal	4	12×1.8
61	Screw	1	M6×12	86	Screw	2	M4×6
62	Washer	1	6×32×5	87	Gear rack	1	3062C
63	Bushing	1	B1260	88	Screw	12	M3×6
64	Gear	1	3016C	89	Sign board	4	2060
65	Screw	1	M6×16	90	Screw	4	M8×6
66	Shaft	1	3015C	91	Spring	4	1×5×25
67	Oil seal	1	22×2.65	92	Steel ball	4	Ø5
68	Gear	1	3014C	93	Screw	4	M6×10
69	Cover	1	3022F	94	Washer	4	
70	Oil seal	1	3086D	95	Hand wheel	4	3054F
71	Screw	5	M6×25	96	Key	4	5×8
72	Shaft	1	3013E	97	Gear	4	3088
73	Oil seal	1	18×30×10	98	Oil window	1	A12
74	Screw	2	M16×1.5	99	Oil seal	4	16×2.4
75	Washer	2					

APRON-LEFT



APRON-LEFT OR APRON-RIGHT							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Bushing	1	4026	23	Leaf spring	1	4037
2	Gear	1	4029	24	Shaft	1	4015
3	Pin	1	5×30	25	Gear	1	4012
4	Space	1	4027	26	Pin	1	5×33
5	Gear shaft	1	4028	27	Gear	1	4013
6	Worm am	1	4008	28	Gear	1	4014
7	Worm	1	4009	29	Bushing	1	4016
8	Flat key	1	B5×36	30	Apron case	1	4001
9	Handle	1	4032	31	Screw	1	M6×6
10	Lever	1	4033	32	Gear	1	4010
11	Hand wheel	1	4034	33	Shaft	1	4011
12	Index ring	1	4036	34	Screw	3	M6×45
13	Screw	1	M6×20	35	Screw	1	M8×8
14	Bracket	2	4031	36	Spring	2	1×45×6
15	Oil cup	1		37	Ball	2	
16	Gear shaft	4	4030	38	Lever	1	4041
17	Screw	1	M6×12	39	Gear shaft	1	4042
18	Washer	1	4035	40	Pin	1	5×25
19	Screw	4	M6×10	41	Bushing	1	4020
20	Washer	1	4038	42	Gear	1	4019
21	Boss	1	4039	43	Pin	1	5×25
22	Key	1	5×16	44	Shaft	1	4018

OWNER'S MANUAL

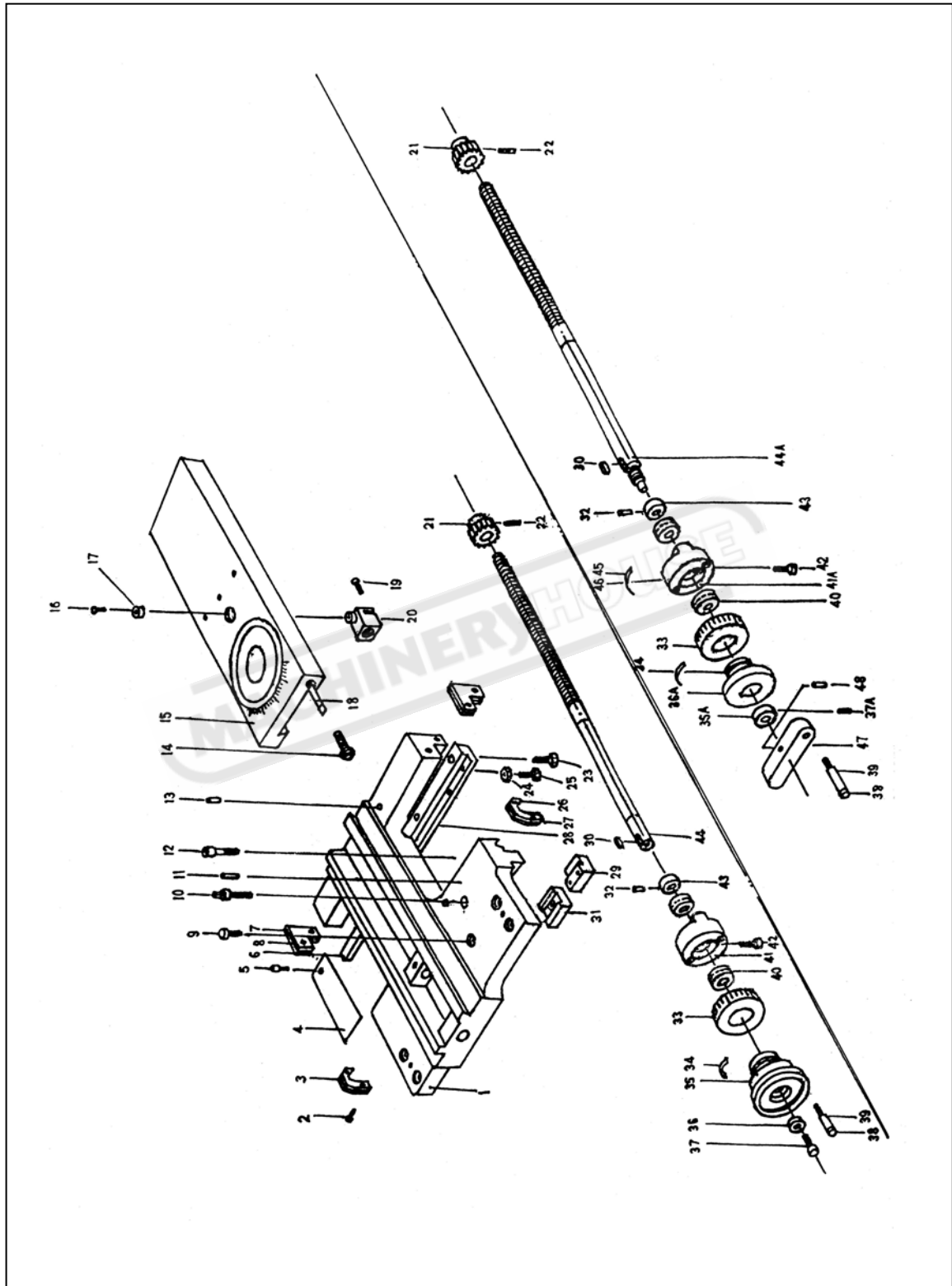
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
45	Worm gear	1	4017	67	Gib	1	3022
46	Oil window	1	A12	68	Half nut house	2	M6×25
47	Screw	2	M5×33	69	Screw	2	M5×35
48	Washer	3	Ø6	70	half nut	1	4002
49	Screw	1	M6×10	71	Screw	1	4003A1
50	Screw	1	M6×6	72	Screw	2	M6×15
51	Limit block	1	4043	73	Nut	2	M6
52	Safety shifter	2	4025	74	Thread dial	1	4006
53	Shaft	1	4024	75	Housing	1	4005
54	Screw	1	M8×8	76	Screw	1	M6×65
55	Boss	1	4045	77	Gear	1	4044
56	Pin	1	5×40	78	Screw	1	M6×15
57	Cam	1	4021				
58	Screw	1	M5×12				
59	Shaft	1	4023				
60	Screw	1	M8×30				
61	Washer	2	Ø8				
62	Screw	2	M10×1×20				
63	Washer	1	Ø10				
64	Lever	1	4007				
65	Lever	1	4044				
66	Pin	2	5×10				



OWNER'S MANUAL

COMPOUND REST							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Handle	1	5010	23	Key	1	4×8
2	Boss	1	5009	24	Bearing	1	8101
3	Collar	1	5008	25	Scale	1	5026A2
4	Screw	8	M10×45	26	Rivet	2	2×4
5	Tool post	1	5005	27	Screw	2	M6×25
6	Shaft	1	5006	28	Bracket	1	5013
7	Nut	1	5003	29	Bearing	1	8101
8	Pin	1	5004	30	Index ring	1	5014A3
9	Spring	1	1.2×4.8×8	31	Hand wheel	1	5016A
10	Oil cup	1		32	Washer	1	5028
11	Nut	1	M6	33	Screw	1	M6×12
12	Screw	1	M6×16	34	Lever	2	5031
13	Compound	1	5001	35	Leaf spring	1	4037
14	Screw	2	5107	21A	Nut	1	5012
15	Nut	2	M10	22A	Guide screw	1	5011
16	Compound	1	5002	30A	Index ring	1	5014
17	Pin	1	5024	31A	Washer	1	5016
18	Screw	1	M6×8	32A	Nut	1	5025
19	Gib	1	5023	33A	Screw	1	M6×8
20	Screw	2	5021	34A	Lever	1	M8×63
21	Nut	1	5012A1	36	Bracket	1	5120
22	Guide screw	1	5011A3	37	Pin	1	3×16

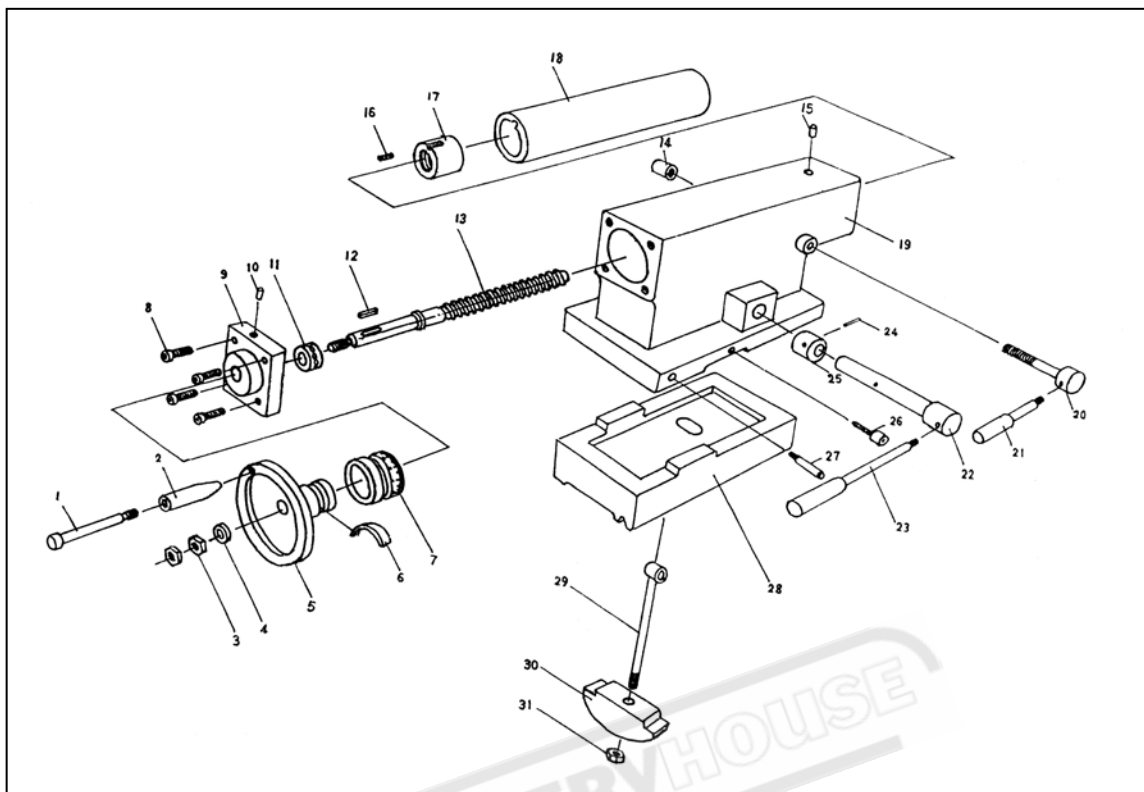
SADDLE



OWNER'S MANUAL

SADDLE							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Saddle	1	5101	28	Press plate	1	5131
2	Screw	8	M5×132	29	Press plate	2	5116
3	Wipper	1	5108	30	Key	1	5×20
4	Cover	1	5106	31	Press plate	1	5129
5	Screw	1	M3×8	32	Pin	1	3×20
6	Press plate	2	5130	33	Index ring	1	5124A3
7	Press plate	2	5110	34	Leaf spring	1	4037
8	Wipper	2	5109	35	Hand wheel	1	5122A
9	Screw	1	5113	36	Washer	1	5028
10	Screw	1	5128	37	Screw	1	M6×16
11	Pin	2	6×45	38	Hand	1	4033
12	Screw	4	M10×30	39	Lever	1	4032
13	Oil cup	5		40	Bearing	1	8102
14	Screw	2	5115	41	Bracket	1	5125A
15	Tool post	1	5102	42	Screw	2	M8×30
16	Screw	1	M6×12	43	Washer	1	5126
17	Bushing	1	5105	44	Guide screw	1	5103A3
18	Gib	1	5114	35A	Collar	1	5122
19	Screw	2	M4×12	36A	Nut	1	5121
20	Nut	1	5104A2	37A	Screw	1	M6×6
21	Gear	1	5127	41A	Bracket	1	5125A
22	Screw	1	M6×8	44A	Guide screw	1	5103A2
23	Screw	7	M8×25	45	Rivet	2	2×4
24	Nut	4	M8	46	Scale	1	5133A2
25	Screw	4	M8×25	47	Bracket	1	5120
26	Press plate	2	5112	48	Pin	1	4×20
27	Wipper	1	5111				

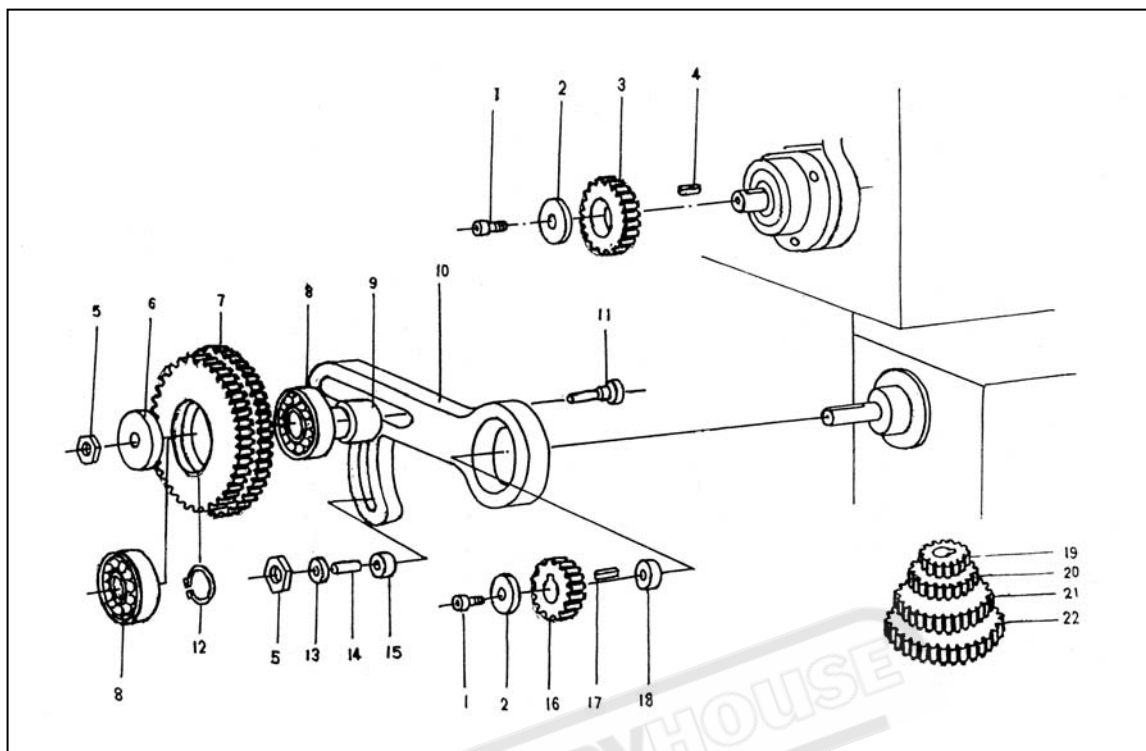
TAIL STOCK



TAILSTOCK

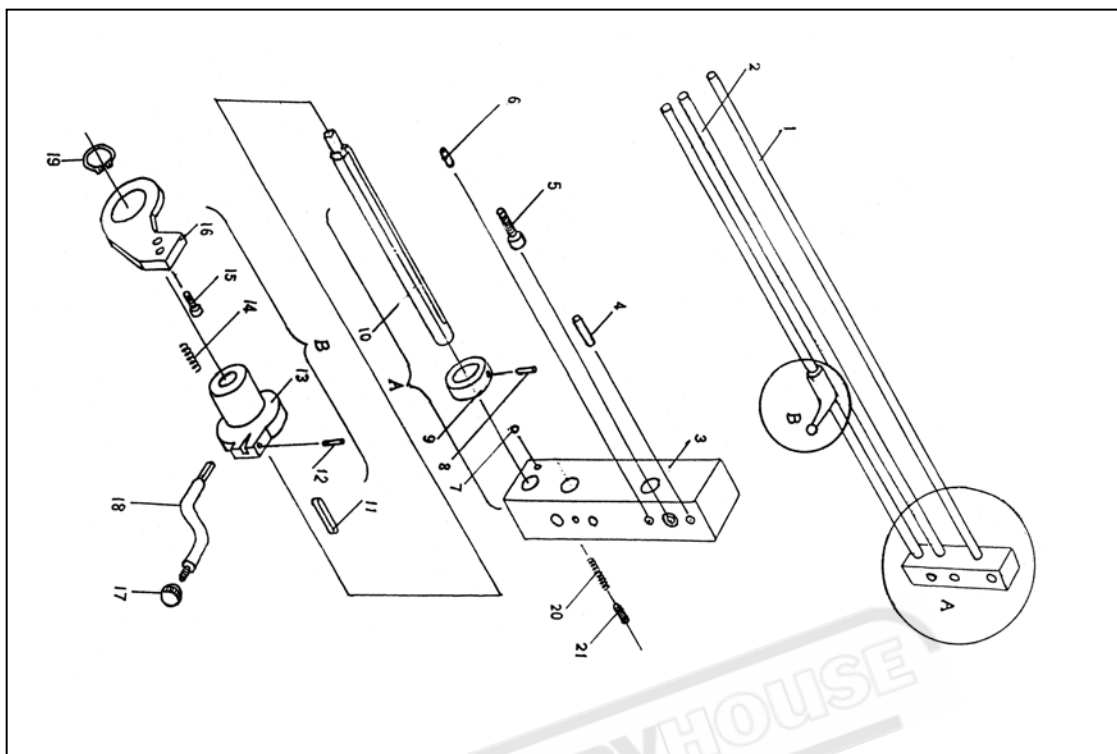
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Handle	1	4033	17	Nut	1	6012
2	Lever	1	4032	18	Quill	1	6013
3	Nut	2	M10	19	Tail stock	1	6001
4	Washer	1	A10	20	Lock screw	1	6022
5	Hand wheel	1	6005	21	Handle	1	6021
6	Leaf spring	1	4037	22	Shaft	1	6017
7	Index ring	2	6010	23	Handle	1	6004
8	Screw	4	M6×16	24	Pin	1	5×30
9	Bracket	1	6011	25	Collar	1	6018
10	Oil cup	1		26	Screw	1	M10×50
11	Bearing	1		27	Screw	1	6003
12	Key	1	4×15	28	Base	1	6002
13	Guide screw	1	6006	29	Shaft	1	6019
14	Lock nut	1	6023	30	Base shoe black	1	6020
15	Oil cup	1		31	Nut	1	M12
16	Screw	2	M6×8				

CHANGE GEAR



CHANGE GEAR							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Screw	2	M6×12	12	Circlip	1	
2	Washer	2	2003	13	Washer	1	
3	Gear	1	2002C	14	Screw	1	M10×45
4	Key	1	C5×8	15	Washer	1	3037A
5	Nut	2	M10	16	Gear	1	3039C
6	Washer	1	3035	17	Key	1	5×18
7	Gear	1	3038C	18	Washer	1	3034B
8	Bearing	1		19	Change gear	1	3076C
9	Collar	1	3033	20	Change gear	1	3075C
10	Quadrant	1	3043B	21	Change gear	1	3077C
11	Screw	1	3034	22	Change gear	1	3078C

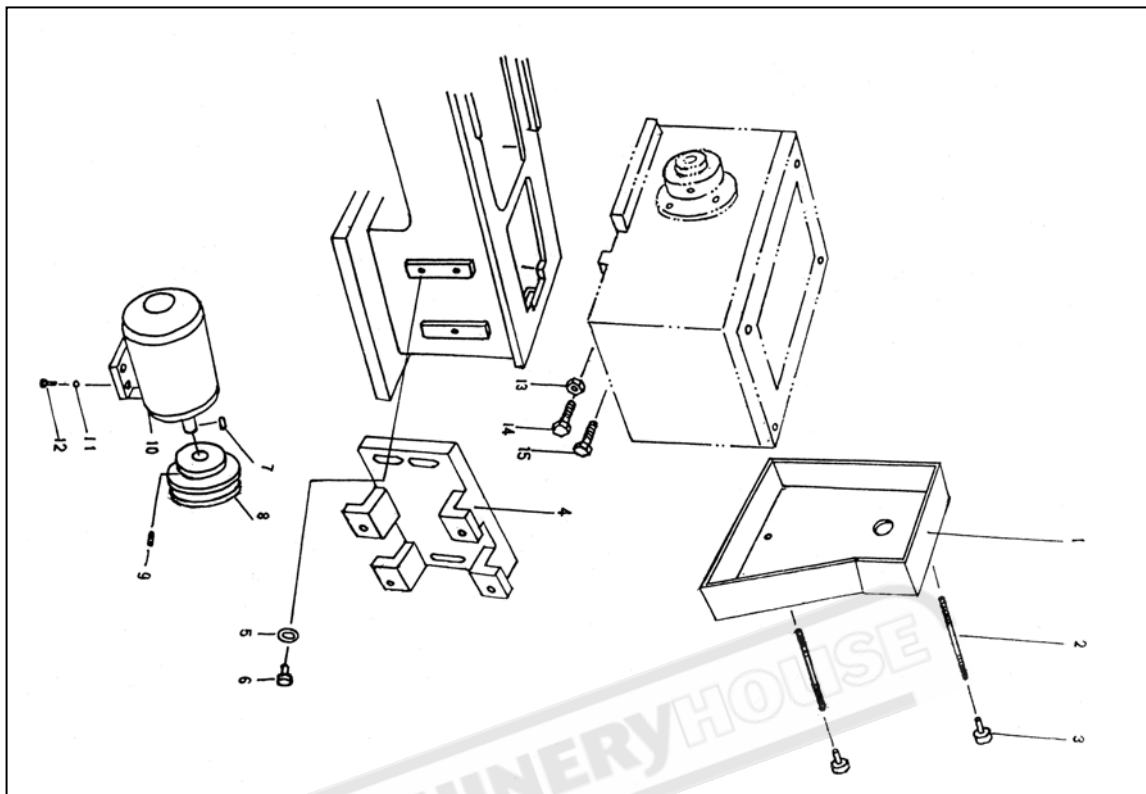
CONTROL SWITCH ASSEMBLY



CONTROL SWITCH ASSEMBLY

NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Guide screw	1	1005B	12	Pin	1	4×20
2	Rod	1	1006B	13	Bracket	1	1014B
3	Bracket	1	1012	14	Spring	1	1.2×8.10
4	Pin	2	6×65	15	Screw	2	M6×15
5	Screw	2	M8×60	16	Bracket	1	1015B
6	Oil cup	2		17	Handle ball	1	M10×32
7	Ball	1		18	Handle	1	1016
8	Pin	1	4×20	19	Circlip	1	
9	Bushing	1	1035B	20	Spring	1	1×5×30
10	Feed rod	1	1010	21	Screw	1	M8×10
11	Key	1					

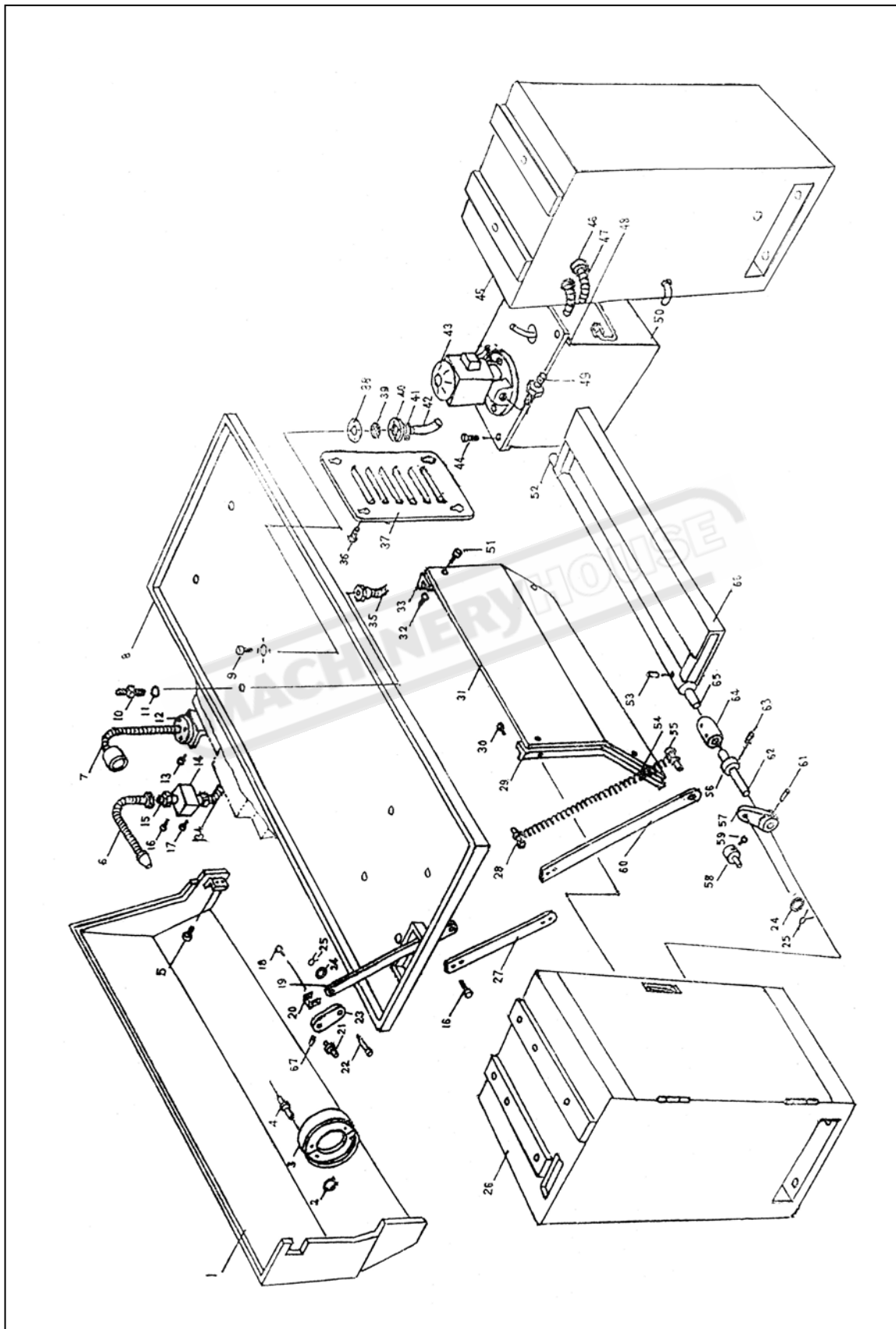
BED AND DRIVE ASSEMBLY



BED AND DRIVE ASSEMBLY

NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Cover	1	1021	9	Screw	1	M6×8
2	Screw	2	1002	10	Motor	1	
3	Nut	2	1001	11	Spacer	4	Ø8
4	Trestle	1	1024	12	Screw	4	
5	Washer	3	1013	13	Nut	2	M6
6	Screw	3		14	Screw	2	M8×45
7	Key	1	8×40	15	Screw	2	M8×30
8	Pulley	1	1003A5				

SPECIAL ACCESSORIES



OWNER'S MANUAL

SPECIAL ACCESSORIES--BASE PART							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Chip guard	1	1023	31	Back plate	1	8601
5	Screw	4	M6×16	32	Nut	4	M6
8	Oil pan	1	1022	33	Right bracket	1	8603
26	Left cabinet	1	8400	45	Right cabinet	1	8500
29	Left bracket	1	8602	51	Screw	4	M6×16
30	Screw	4	M6×16				

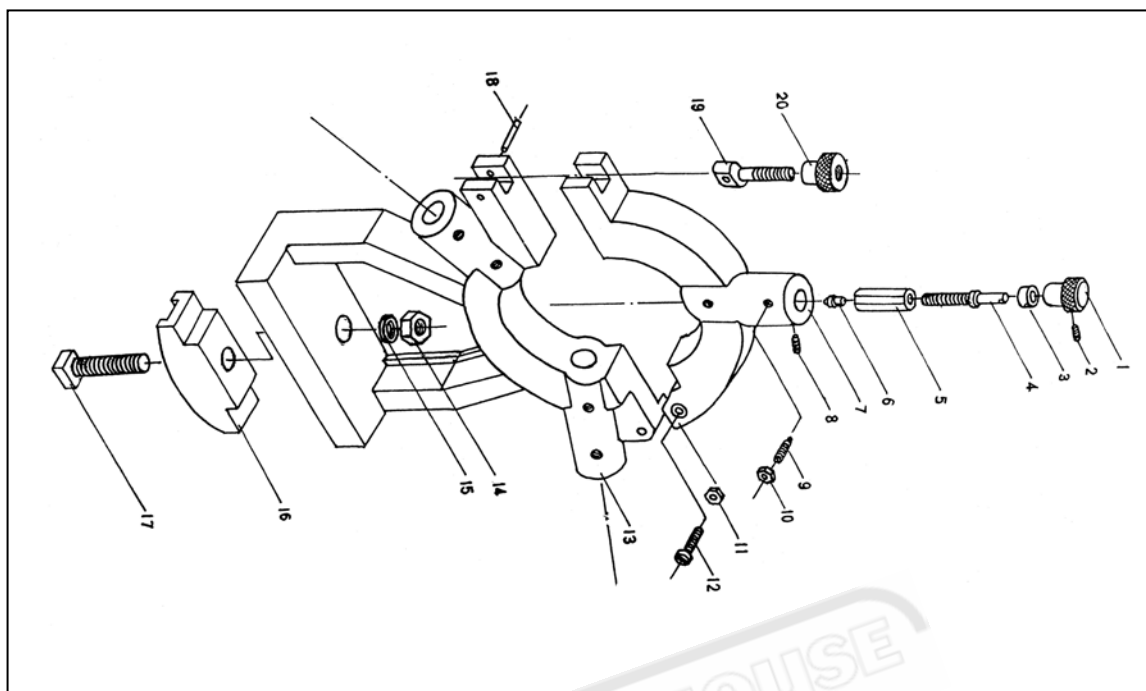
SPECIAL ACCESSORIES--BRAKE PART							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
2	Open circlip	1		53	Spring pin	1	5×25
3	Brake block	1		54	Spring	1	1048
4	Shaft	1	1040	55	Shaft	1	1047
16	Screw	2	M6×12	56	Circlip	1	20
18	Screw	1	M4×10	57	Shifter	1	1045
19	Draw rod	1	1043	58	Shaft	1	1052
20	Bracket	1	1053	59	Screw	1	M6×30
21	Pivot	1	1042	60	Draw rod	1	1054
22	Pin	1	8×20	61	Spring pin	1	5×40
23	Shifter	1	1041	62	Shaft	1	1049-1
24	Washer	2		63	Screw	1	M6×12
25	Open clip	2	2.5×16	64	Connecting sleeve	1	1049-3
27	Draw rod	1	1044	65	Shaft	1	1049-2
28	Screw	1	M10×30	66	Paddle	1	1050
52	Shaft	1	1051	67	Spring pin	1	4×25

OWNER'S MANUAL

SPECIAL ACCESSORIES--COOLING PART							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
6	Coolant pipe	1		39	Filter	1	9203
9	Screw	4	M5×12	40	Pipe	1	9204
10	Pipe connecting	1	9206	41	Hooping	1	
11	Washer	1	9207	42	Pine	1	16×1000
14	Bracket	1	9208	43	Coolant	1	
15	Shaft	1	X6121-06011 A	44	Screw	4	M5×10
17	Screw	2	M8×35	46	Pipe	1	M16×15
34	Coolant pipe	1		47	Metal pipe	1	8×1800
35	Coolant pipe	1		48	Cover	1	9210
36	Screw	4	M6×12	49	Pipe	1	9206
37	Cover	1	9201A	50	Coolant box	1	9209
38	Papet lining	1	9205				

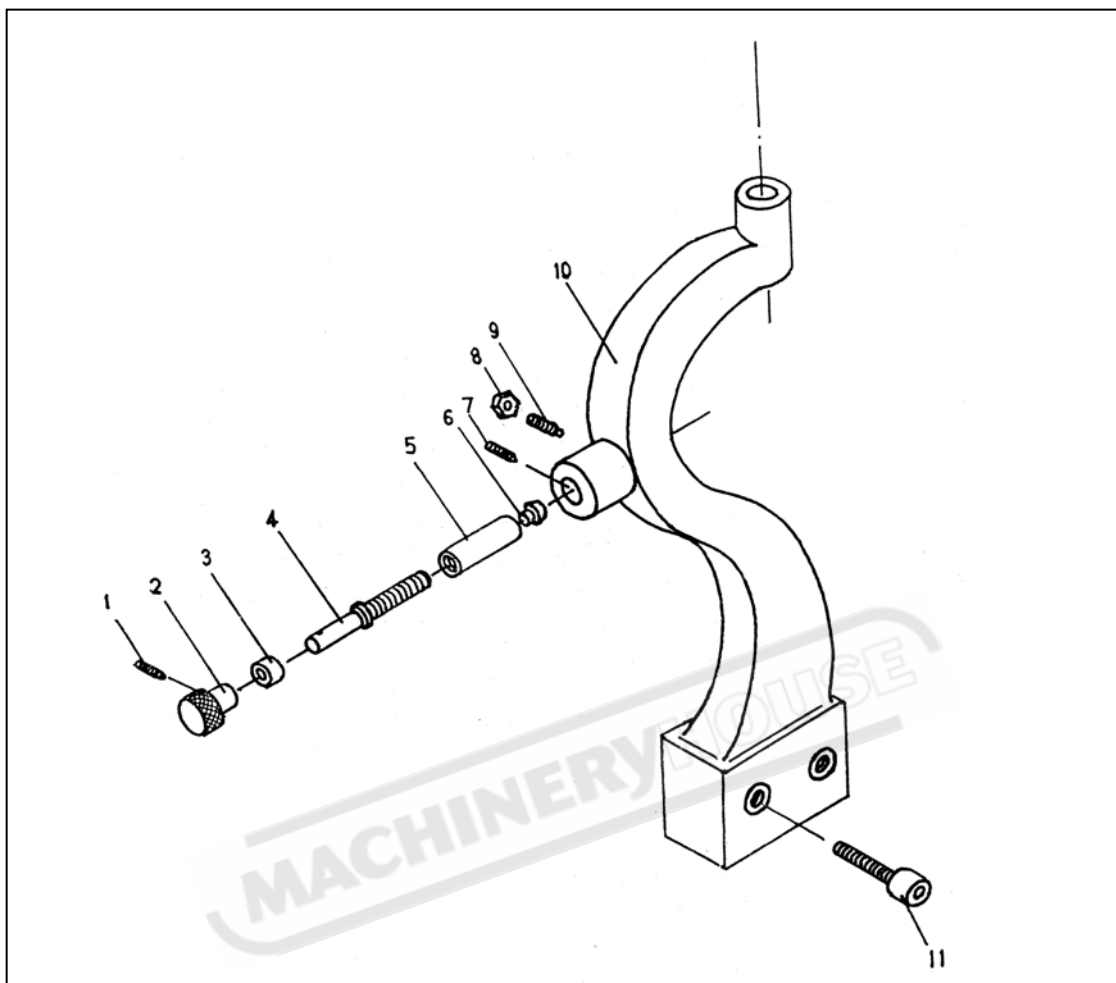
SPECIAL ACCESSORIES--LIGHTING PART							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
7	Working lamp	1		13	Screw	2	M5×12
12	Bracket	1	7015				

STEADY REST



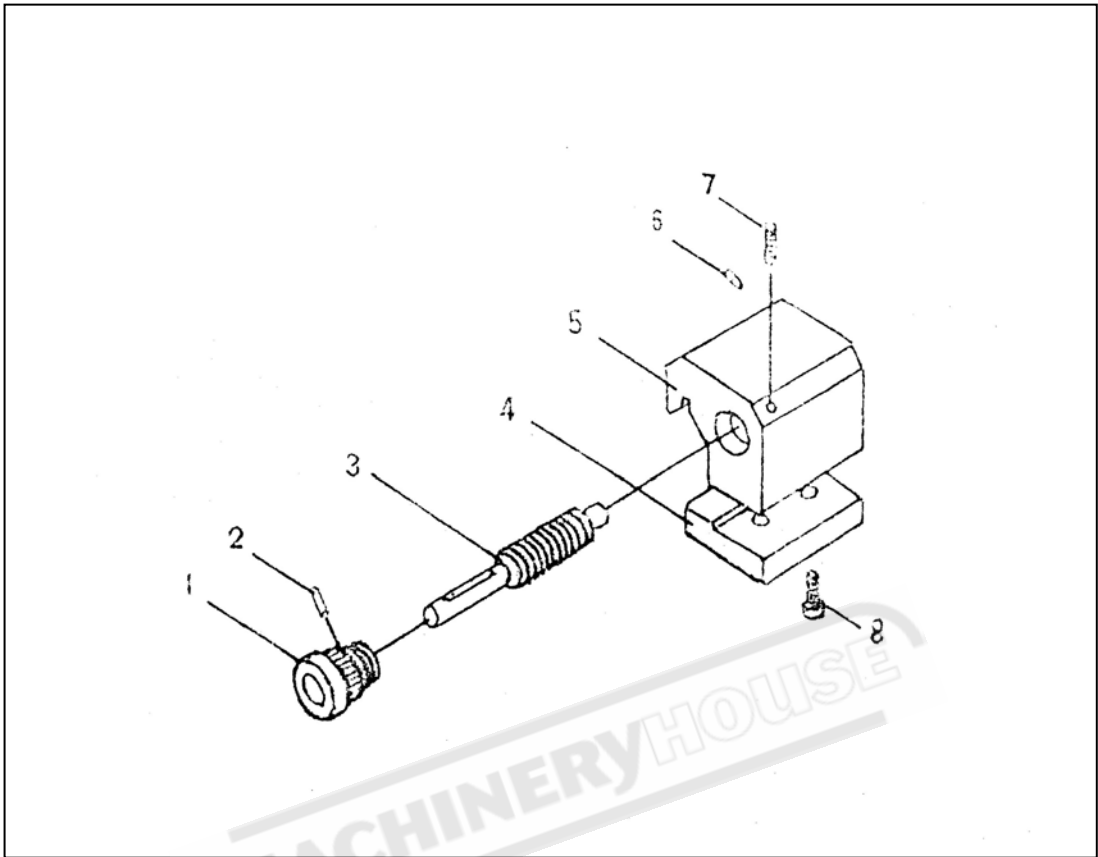
STEADY REST

NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Knob	3	8205	11	Hex screw nut	1	M6
2	Screw	3	M6×8	12	Screw	1	M6×25
3	Collar	3	8207	13	Base body	1	8201
4	Pressing lever	3	8206	14	Hex screw nut	1	M12
5	Pressing collar	3	8208	15	Washer	1	12
6	Pressing base	3	8209	16	Pressing plate	1	6020
7	Upper body	1	8202	17	Square ad bolt	1	M12×60
8	Screw	3	M6×10	18	Spring pin	1	4×25
9	Screw	3	M6×16	19	Locking lever	1	8203
10	Hex screw nut	3	M6	20	Locking screw nut	1	8204

FOLLOW REST**FOLLOW REST**

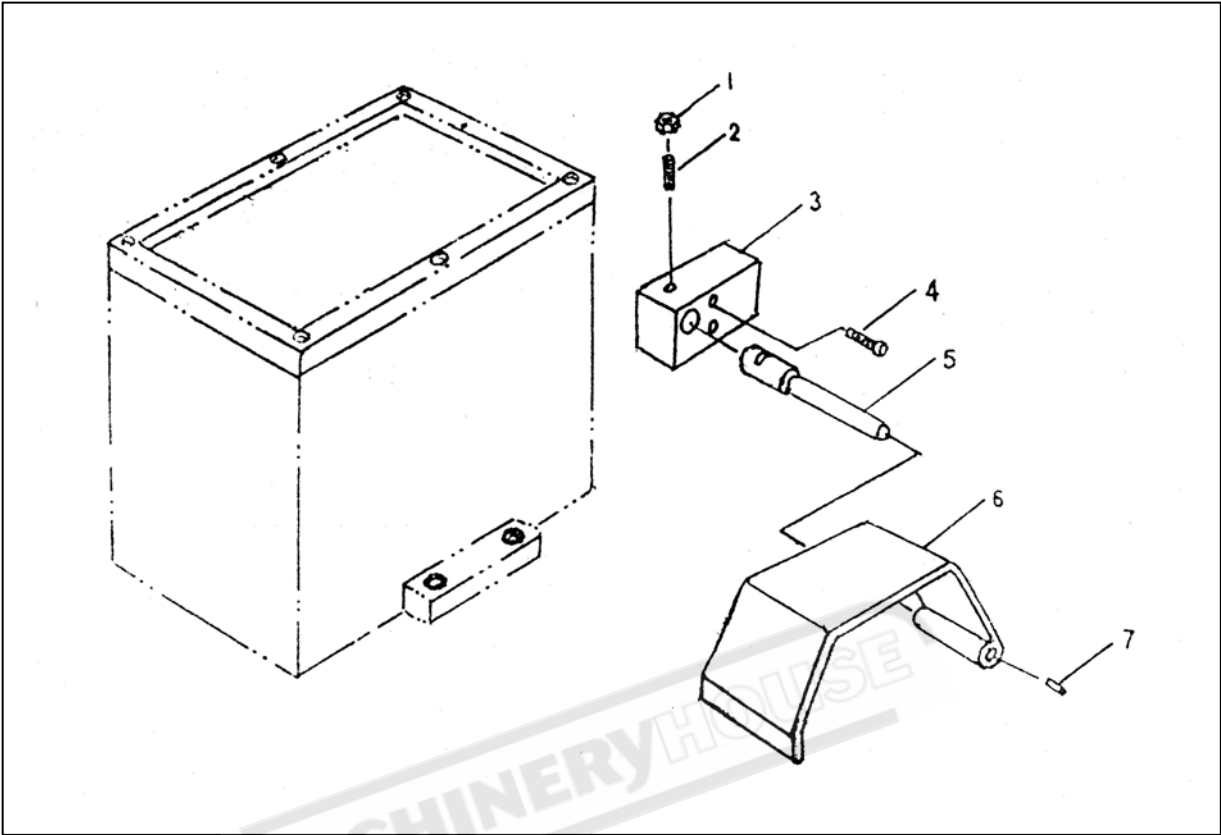
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Screw	2	M6×6	7	Screw	2	M6×10
2	Knob	2	8205	8	Hex screw nut	2	M6
3	Collar	2	8207	9	Screw	2	M6×16
4	Pressing lever	2	8206	10	Body	1	8201
5	Pressing collar	2	8208	11	Bolt	2	M8×40
6	Pressing base	2	8209				

POSITION DEVICE



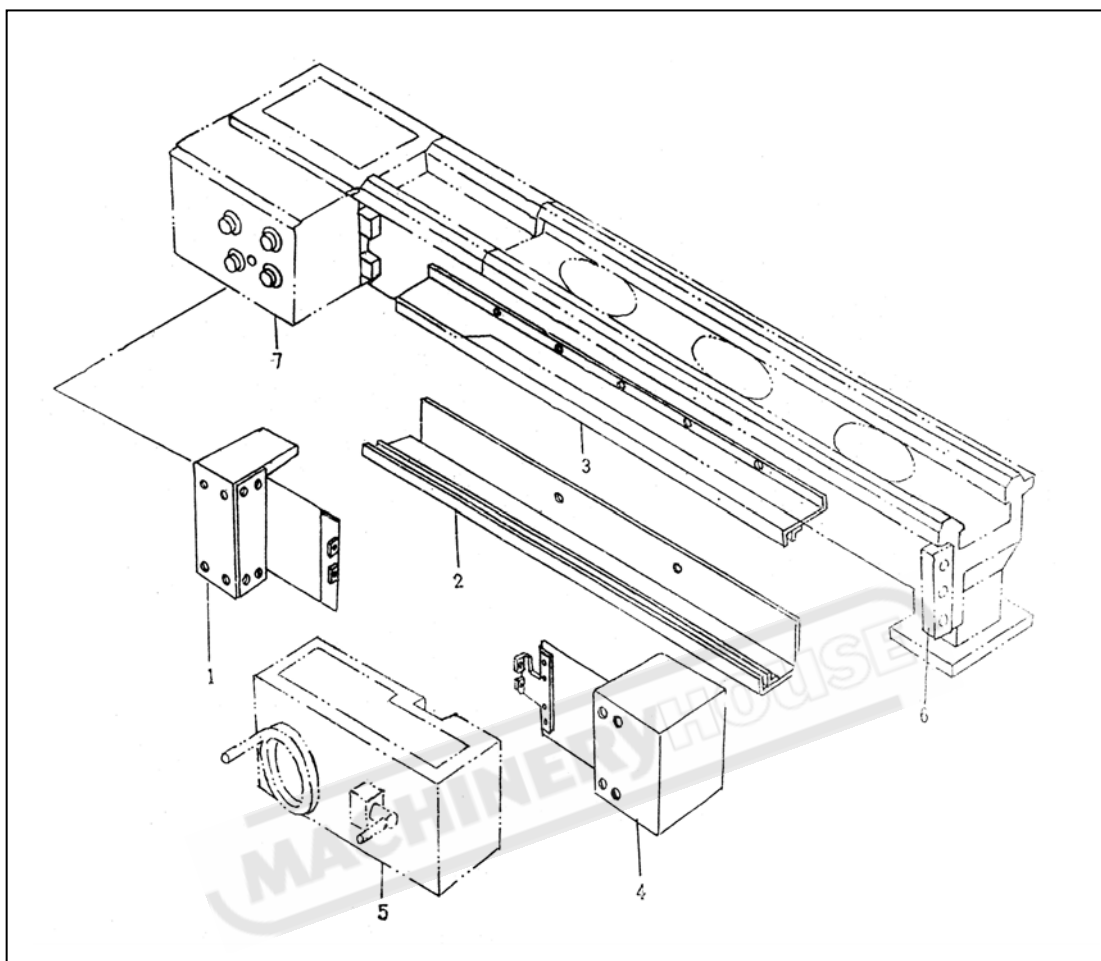
POSITIONING DEVICE							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Knob	1	8705	5	Body	1	8703
2	Pin	1	M3×6	6	Indictor	1	8707
3	Guide screw	1	8706	7	Screw	1	M6×10
4	Pressing plate	1	8704	8	Screw	2	M6×12

PROTECTING COVER



PROTECTING COVER							
NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Nut	1	M6	5	Shaft	1	8902
2	Screw	1	M6 ×16	6	Protecting cover	1	8903
3	Switch box	1	8901	7	Pin	1	M4 ×12
4	Screw	2	M6× 45				

GUARD



GUARD

NO.	NAME	QTY	NOTE	NO.	NAME	QTY	NOTE
1	Left box	1	1120	5	Apron	1	4000
2	Down board	1	1118	6	Bracket	1	1012
3	Up board	1	1117	7	Gear Box	1	3000
4	Right box	1	1110				