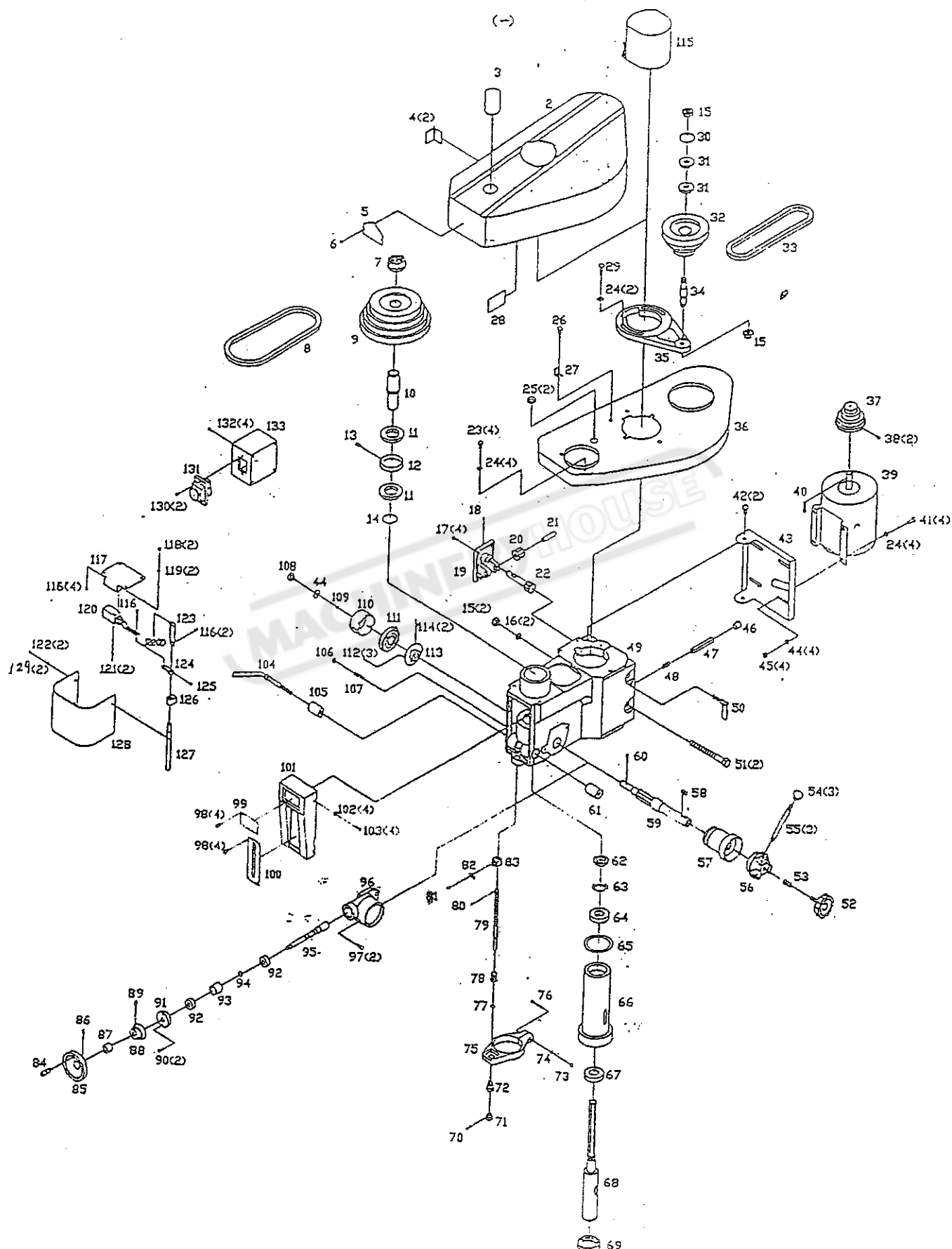


For step-pulley drive

HEAD BODY PARTS (CH)

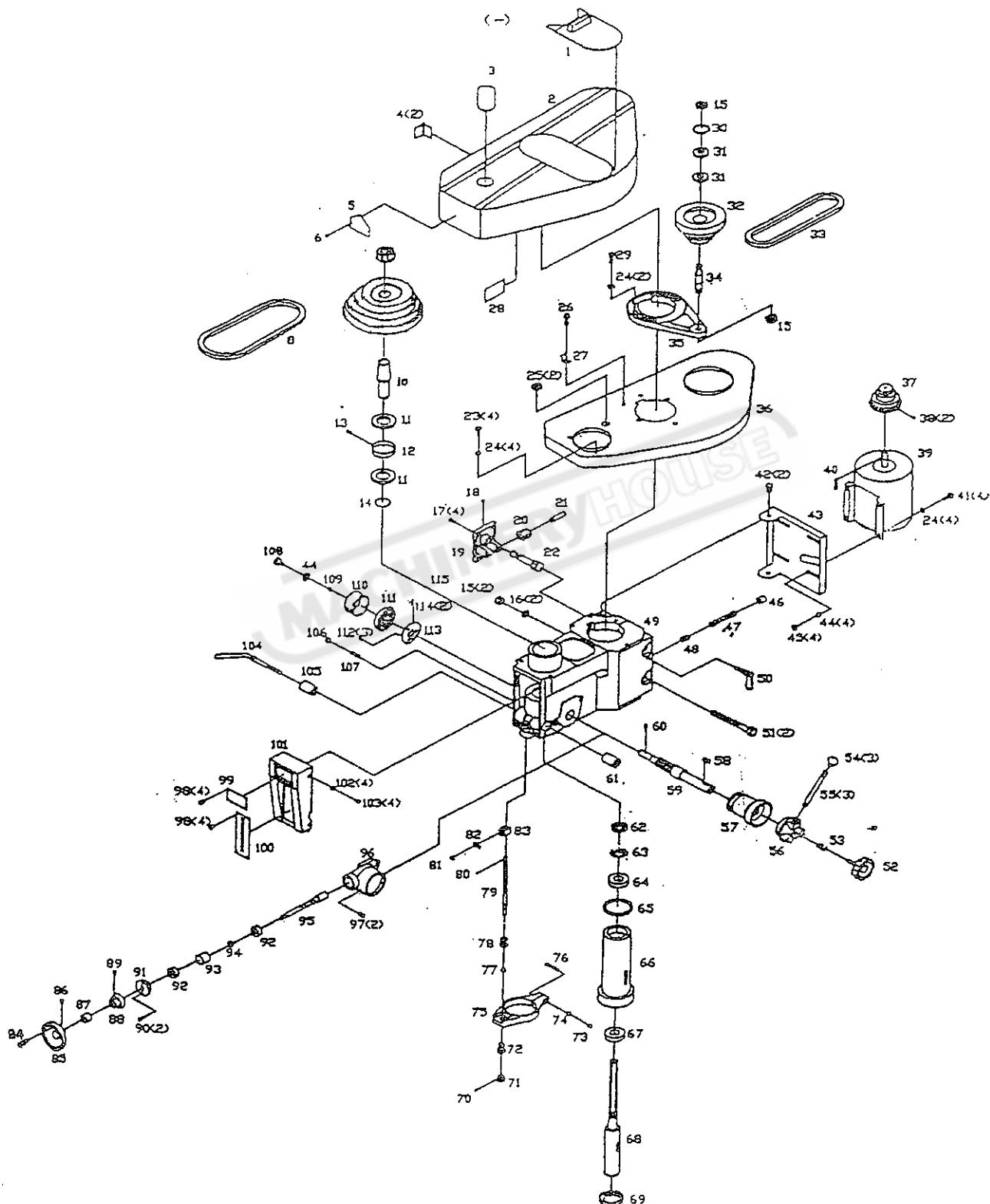


For step-pulley drive

HEAD BODY PARTS (CE)

2 air cover	46 balata jacketing	90 bolt
3 pulley	47 tension pin	91 end lid
4 jaw	48 spring cap	92 seal
5 trademark	49 head body	93 separating ring
6 rivet	50 tight handle	94 retaining ring
7 nut	51 bolt	95 feed worm
8 V-belt	52 big ripple handle	96 feed institution support
9 spindle pulley	53 spring cap	
10 spindle pulley	54 handle ball	97 bolt
11 splined sleeve	55 handle rod	98 screw
12 ball bearing	56 handle body	99 nameplate
13 screw	57 turbine	100 scale
14 retaining ring	58 key	101 front cover board
15 nut	59 gear shaft	102 washer
16 washer	60 screw	103 screw
17 screw	61 fixed collar (thread)	104 handle rod
18 oil cup	62 nut	105 fixed tight collar
19 bracket	63 washer	106 nut
20 gear	64 ball bearing	107 screw
21 shaft	65 retaining	108 small ripple handle
22 worm	66 sleeve	109 washer
23 bolt	67 ball bearing	110 spring cap
24 washer	68 spindle	111 spring plate
25 separating ring	69 ball bearing lid	112 screw
26 screw	70 pin	113 shaft sleeve
27 wire californium	71 knob	114 pin
28 warning board	72 locating sleeve	115 small cover
29 bolt	73 nut	116 screw
30 retaining ring	74 washer	117 safe switch rack
31 ball bearing	75 feed support	118 screw
32 middle pulley	76 bolt	119 washer
33 V-belt	77 nut	120 safe switch
34 middle pulley shaft	78 fixed nut	121 screw
35 pulley support	79 adjustable rod	122 screw
36 down cover	80 pin	123 fixed board
37 motor pulley	81 screw	124 connecting rod
38 screw	82 referral -board	125 screw
39 motor	83 stop lump	126 shaft sleeve
40 key	84 turn handle	127 shaft
41 bolt	85 small handle wheel	128 protect board
42 bolt	86 screw	129 washer
43 motor rack	87 adapter sleeve	130 screw
44 washer	88 graduation plate	131 switch
45 nut	89 screw	132 screw
		133 electric box

For step-pulley drive
HEAD BODY PARTS (NO CE)



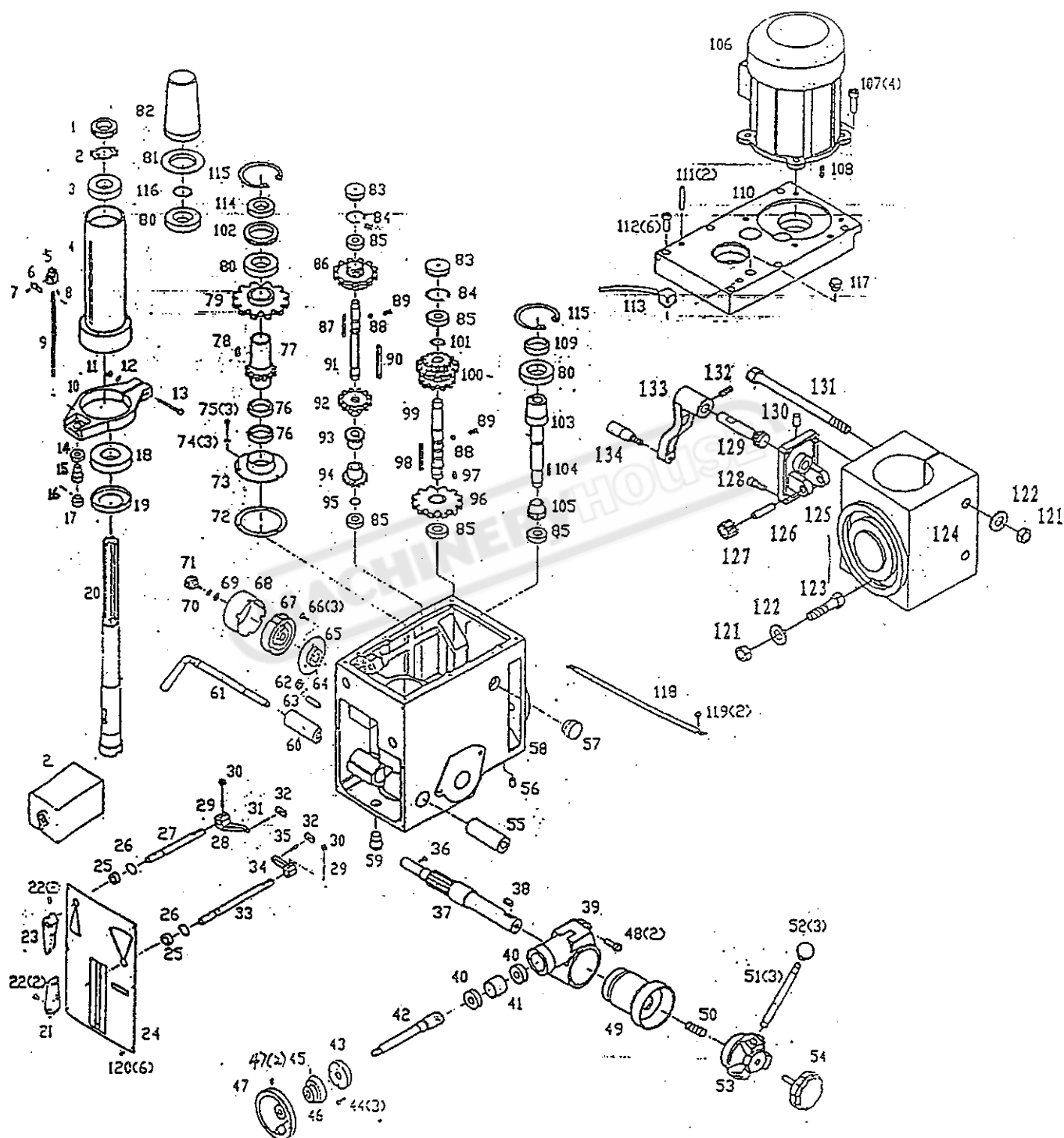
For step-pulley drive

HEAD BODY PARTS (NO CE)

NO	NAME	NO	NAME	NO	NAME
1	cover board	39	motor	77	nut
2	up cover	40	key	78	fixed nut
3	round	41	bolt	79	adjustable rod
4	jaw	42	bolt	80	pin
5	trademark	43	motor rack	81	screw
6	rivet	44	washer	82	referral-board
7	nut	45	nut	83	stop lump
8	V-belt	46	balata jacketing	84	turn handle
9	spindle ring	47	tension pin	85	small hand wheel
10	splined sleeve	48	spring	86	screw
11	ball bearing	49	spindle box	87	adapter sleeve
12	separating ring	50	tight handle	88	graduation plate
13	screw	51	bolt	89	screw
14	retaining ring	52	big ripple handle	90	bolt
15	nut	53	spring	91	end lid
16	washer	54	handle ball	92	ball bearing
17	screw	55	handle rod	93	separating ring
18	oil cup	56	handle body	94	retaining ring
19	bracket	57	turbine	95	feed worm
20	gear	58	key	96	feed institution support
21	shaft	59	gear shaft	97	bolt
22	worm	60	screw	98	screw
23	bolt	61	fixed tight collar (thread)	99	nameplate
24	washer	62	nut	100	scale
25	separating ring	63	washer	101	front cover board
26	screw	64	ball bearing	102	washer
27	wire californium	65	retaining	103	screw
28	warning board	66	sleeve	104	handle rod
29	bolt	67	ball bearing	105	fixed tight collar
30	retaining ring	68	spindle	106	nut
31	ball bearing	69	ball bearing lid	107	screw
32	middle pulley	70	pin	108	small ripple handle
33	V-belt	71	knob	109	washer
34	middle pulley shaft	72	locating sleeve	110	spring cap
35	pulley support	73	nut	111	spring plate
36	down cover	74	washer	112	screw
37	motor pulley	75	feed support	113	shaft sleeve
38	screw	76	bolt	114	pin

For geared head drive

HEAD BODY PARTS



For geared head drive HEAD BODY PARTS

1	lock washer	46	graduation plate	91	key
2	ball bearing	47	handle wheel	92	shaft III
3	washer	47(1)	screw	93	gear
4	sleeve	48	screw	94	gear
5	fixed bolt	49	worm gear	95	gear
6	scale-board	50	spring	96	retaining ring
7	screw	51	handle rod	97	gear
8	pin	52	handle ball	98	key
9	graduated rod	53	handle body	99	key
10	feed base	54	big ripple handle	99	shaft II
11	nut	55	fixed tight collar	100	gear
12	washer	56	oil cover	101	retaining ring
13	screw	57	oil pointer	102	separating ring
14	nut	58	head body	103	motor shaft
15	support	59	fixed nut	104	key
16	pin	60	fixed tight collar	105	gear
17	knob	61	handle rod	106	motor
18	ball bearing	62	nut	107	screw
19	bearing cup	63	screw	108	key
20	spindle	64	pin	109	oil seal
21	electric box	65	spring base	110	head body cover
22	screw	66	washer	111	pin
23	speed lever	67	spring plate	112	screw
24	name plate	68	spring cap	113	pipe radiator
25	oil seal	69	washer	114	oil seal
26	retaining ring	70	washer	115	retaining ring
27	lever shaft(left)	71	small ripple handle	116	retaining ring
28	lever(left)	72	airtight ring	117	oil cup
29	screw	73	airtight base	118	degree-meter
30	nut	74	washer	119	screw
31	pin	75	screw	120	screw
32	lever bracket	76	oil seal	121	nut
33	lever shaft(right)	77	gear	122	washer
34	lever(right)	78	key	123	bolt
35	pin	79	gear	124	support
36	screw	80	ball bearing	125	bracket
37	pinion shaft	81	arbor bolt cover base	126	pin
38	key	82	arbor bolt cover	127	worm gear
39	feed cover	83	cap	128	screw
40	ball bearing	84	retaining ring	129	worm shaft
41	separating ring	85	ball bearing	130	oil cup
42	worm shaft	86	gear	131	bolt
43	worm cover	87	key	132	screw
44	screw	88	steel ball	133	handle of worker
45	screw	89	spring	134	roll handle

This exploded view diagram illustrates the assembly of a mechanical device, possibly a microscope or projector. The components are numbered 1 through 58. The diagram shows the following parts and their assembly relationships:

- Base and Mounting:** The base (58) supports a mounting plate (57) which holds a vertical column (53). The column is secured with a screw (55) and a nut (56).
- Optical Path and Lens Assembly:** The vertical column (53) houses a lens assembly (52) and a filter or shutter (51). The lens assembly is secured with a screw (50) and a cap (49).
- Internal Mechanism:** The internal mechanism includes a series of gears (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) and a drive shaft (13). The drive shaft is connected to a motor or actuator (14) and a control knob (15).
- Structural Components:** The device features a main frame (16) with various structural elements (17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48).
- Adjustment and Control:** The device includes adjustment knobs (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) and a control knob (15) for operation.

The diagram provides a detailed view of the internal components and their assembly sequence, allowing for identification and replacement of parts.

TABLE、COLUMN AND BASE PARTS (NO COOLANT)

NO.	NAME	NO.	NAME
1	feed handle	30	bolt
2	screw	31	limited board
3	pin	32	long gib strip
4	scale base	33	screw
5	graduation plate	34	long guide screw nut
6	screw	35	screw
7	adjust washer	36	pin
8	ball bearing	37	long guide screw
9	screw	38	right guide screw support
10	short guide screw support	39	table
11	pin	40	ladder-shaped nut
12	oil cup	41	limited board
13	short guide screw	42	screw
14	short guide screw nut	43	oil cup
15	screw	44	left guide screw support
16	brace	45	dial clutch
17	gradient gear	46	protect board
18	pin	47	protect board slice
19	elevoting support	48	bolt
20	elevoting worm	49	screw
21	screw	50	column lid
22	oil cup	51	bolt
23	washer	52	link
24	bolt	53	rock (for head body)
25	table	54	riock (for table)
26	steel ball	55	bolt
27	lock screw	56	washer
28	gib strip screw	57	column
29	short gib strip	58	base

COLUMN AND BASE PARTS (COOLANT)

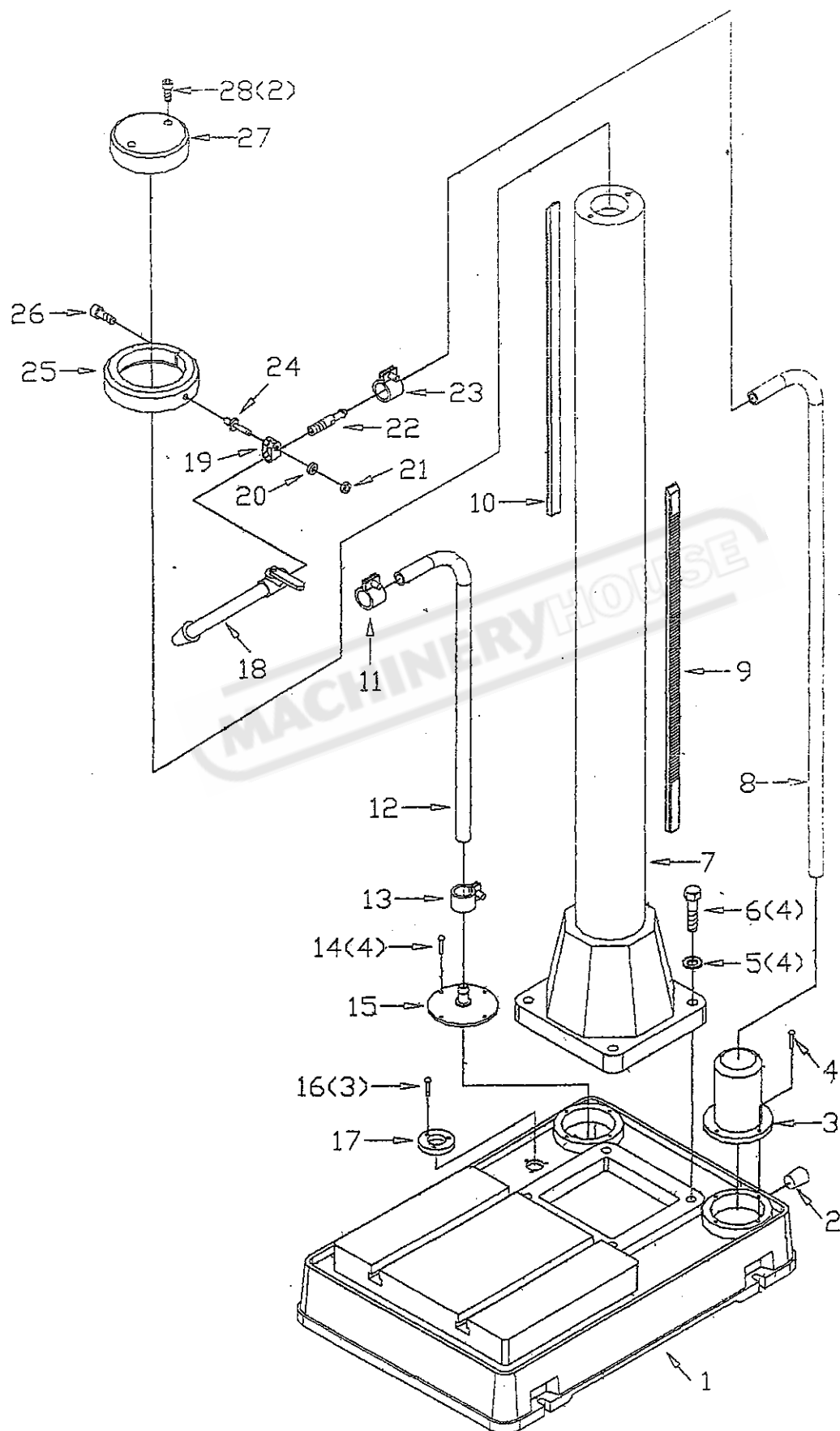
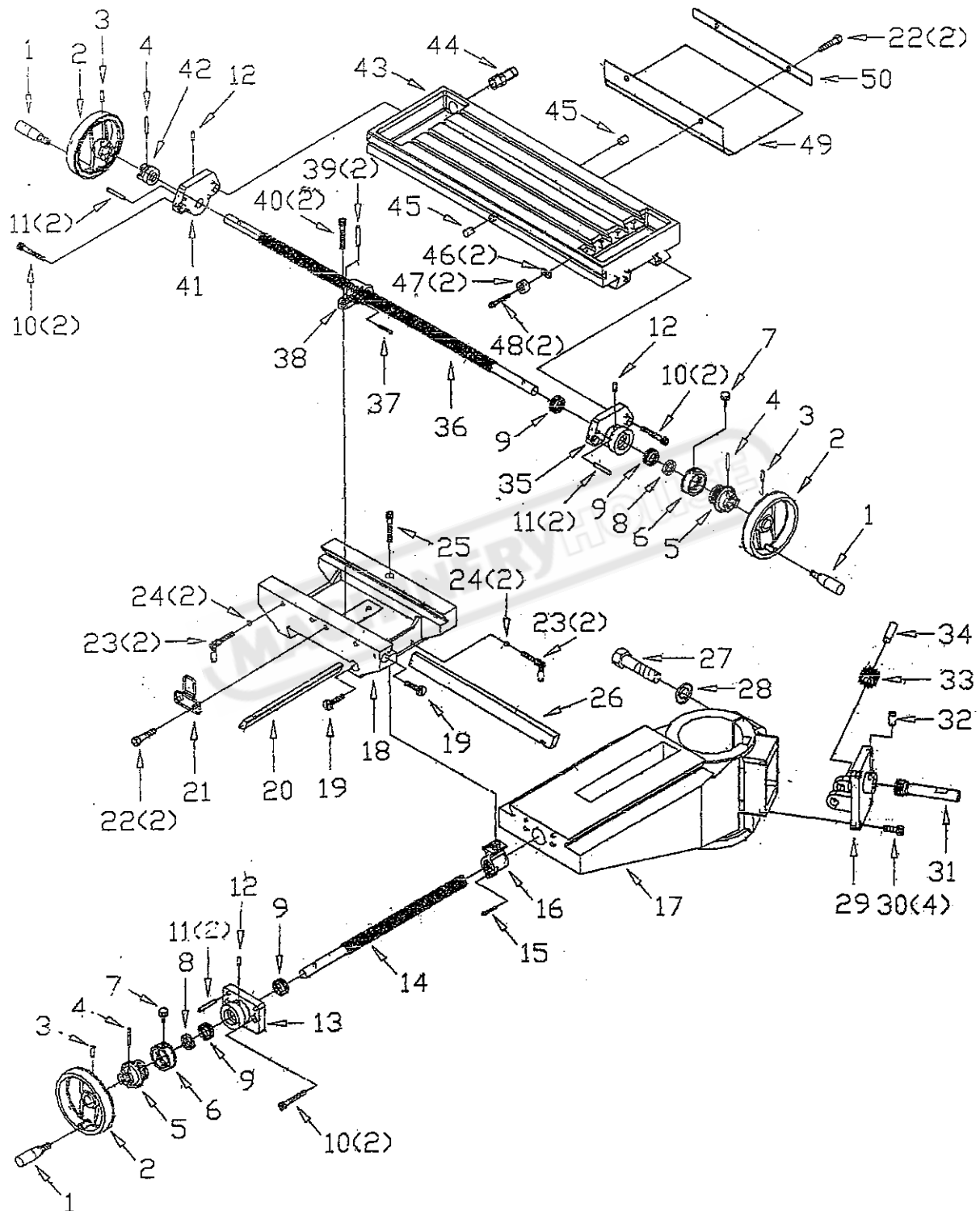


TABLE PARTS (COOLANT)



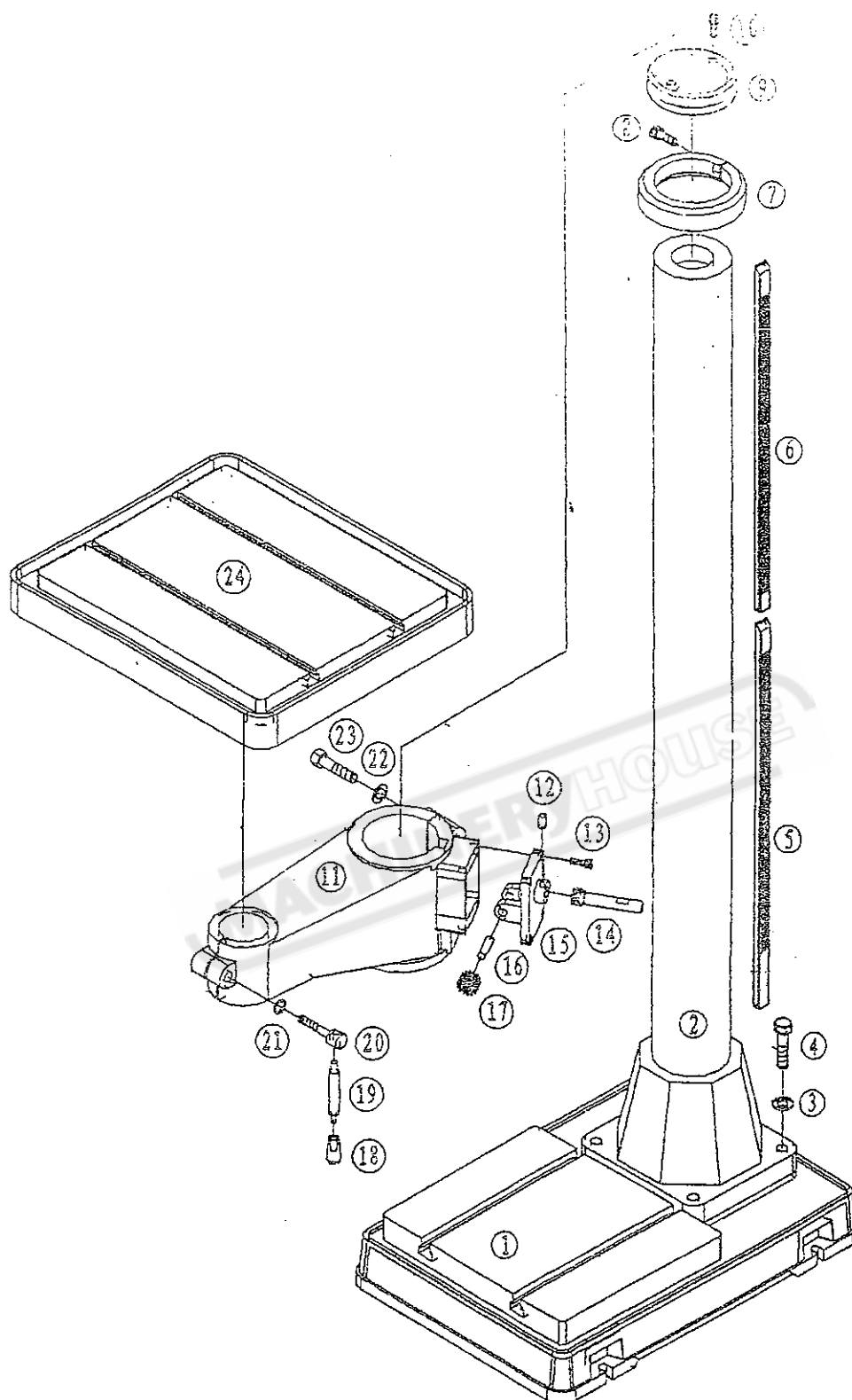
COLUMN AND BASE PARTS (COOLANT)

NO.	NAME	NO.	NAME
1	base	15	flange nut
2	oil stopper	16	screw
3	coolant pump	17	filter
4	screw	18	nozzle
5	washer	19	spring holder
6	bolt	20	washer
7	column	21	nut
8	coolant pipe	22	joint
9	rack of table arm	23	holder of flexible hose
10	rack of headstock	24	double head screw
11	holder of coolant pipe	25	column ring
12	flexible hose	26	screw
13	holder of coolant pipe	27	column cover
14	screw	28	screw

TABLE PARTS (COOLANT)

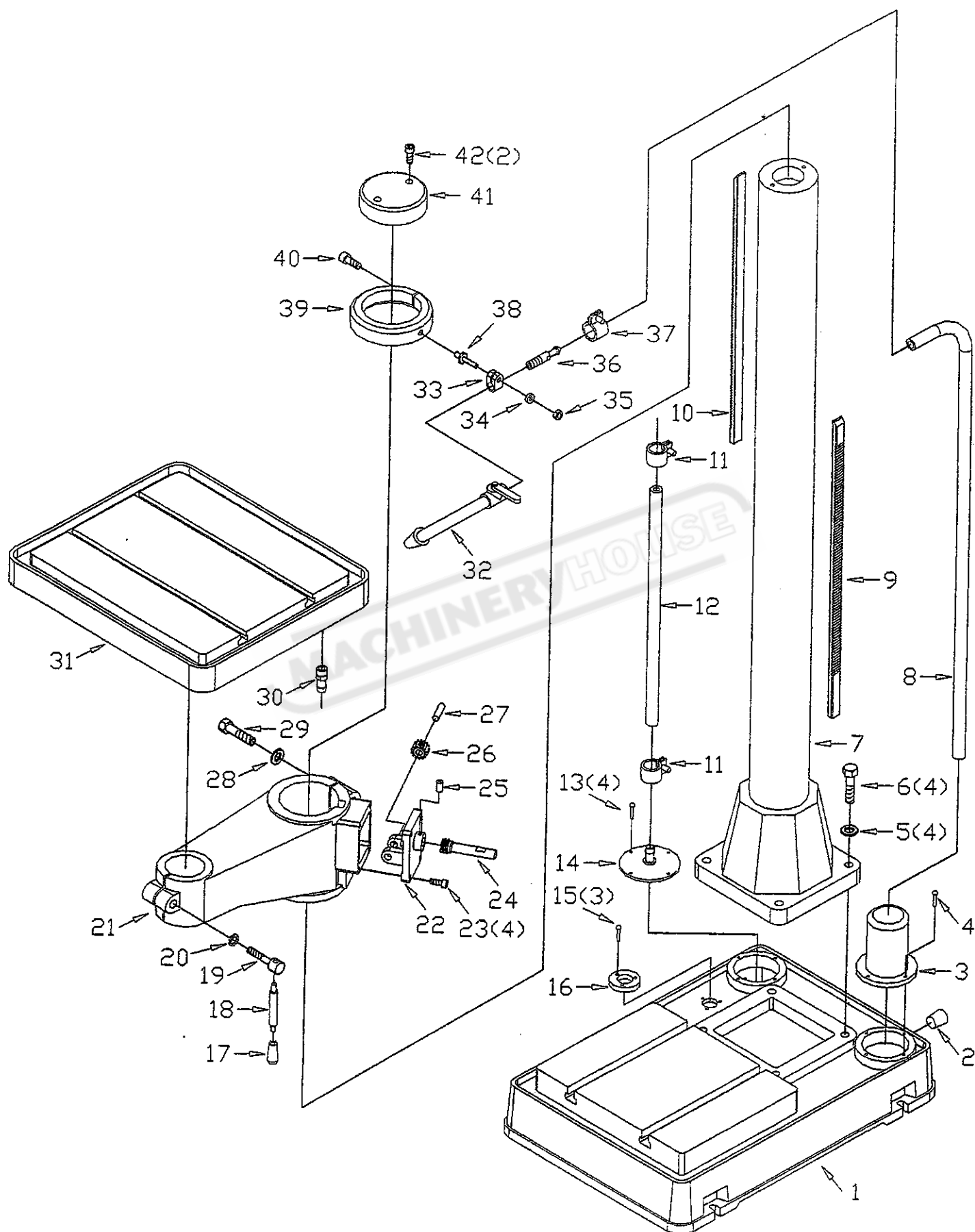
NO.	NAME	NO.	NAME
1	handle	26	long gib strip
2	wheel	27	bolt
3	screw	28	washer
4	pin	29	elevoting support
5	scale base	30	screw
6	graduation plate	31	elevoting worm
7	screw	32	oil cup
8	adjust washer	33	gradient gear
9	ball bearing	34	pin
10	screw	35	right guide screw support
11	pin	36	long guide screw
12	oil cup	37	screw
13	short guide screw support	38	long guide screw nut
14	short guide screw	39	pin
15	screw	40	screw
16	short guide screw nut	41	left guide screw support
17	brace	42	dial clutch
18	table	43	table
19	gib strip screw	44	joint of flexible hose
20	short gib strip	45	oil cup
21	limited board	46	ladder-shaped nut
22	bolt	47	limited board
23	lock screw	48	screw
24	steel ball	49	protect board
25	screw	50	protect board slice

TABLE. BASE AND COLUMN PARTS (NO COOLANT)



1	base	9	column lid	17	worm gear
2	column	10	screw	18	handle knob
3	washer	11	shift table	19	handle rod
4	bolt	12	oil cup	20	bolt
5	rock (for table)	13	screw	21	washer
6	rock (for head body)	14	worm shaft	22	washer
7	link	15	bracket	23	bolt
8	bolt	16	pin	24	table

TABLE, COLUMN AND BASE PARTS (COOLANT)



TABLE, BASE AND COLUMN PARTS (COOLANT)

NO.	NAME	NO.	NAME
1	base	23	screw
2	oil stopper	24	worm shaft
3	coolant pump	25	oil cup
4	screw	26	worm gear
5	washer	27	pin
6	bolt	28	washer
7	column	29	bolt
8	coolant pipe	30	joint
9	rack of table arm	31	table
10	rack of headstock	32	nozzle
11	holder of coolant pipe	33	spring holder
12	flexible hose	34	washer
13	screw	35	nut
14	flange joint	36	joint
15	screw	37	holder of coolant pipe
16	filter	38	double head screw
17	handle knob	39	column ring
18	handle rod	40	screw
19	bolt	41	column cover
20	washer	42	screw
21	shift table		
22	bracket		