



PARTS LIST

MCV 600 / 800/1000

4800-7711-100 A04

Machine Type :

Machine Number :

Approve:

Drawn	Approve	Date	Edition	Note
孟洲	明宏 邱文輝	02,JUN.2003	A04	MCV600/800/1000 Parts List

LONG CHANG MACHINERY CO.,LTD

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MCV-600/800/1000 BASIC MACHINE

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PARTS LIST

MCV-600/800/1000 BASIC MACHINE

MODIFICATION RECORD

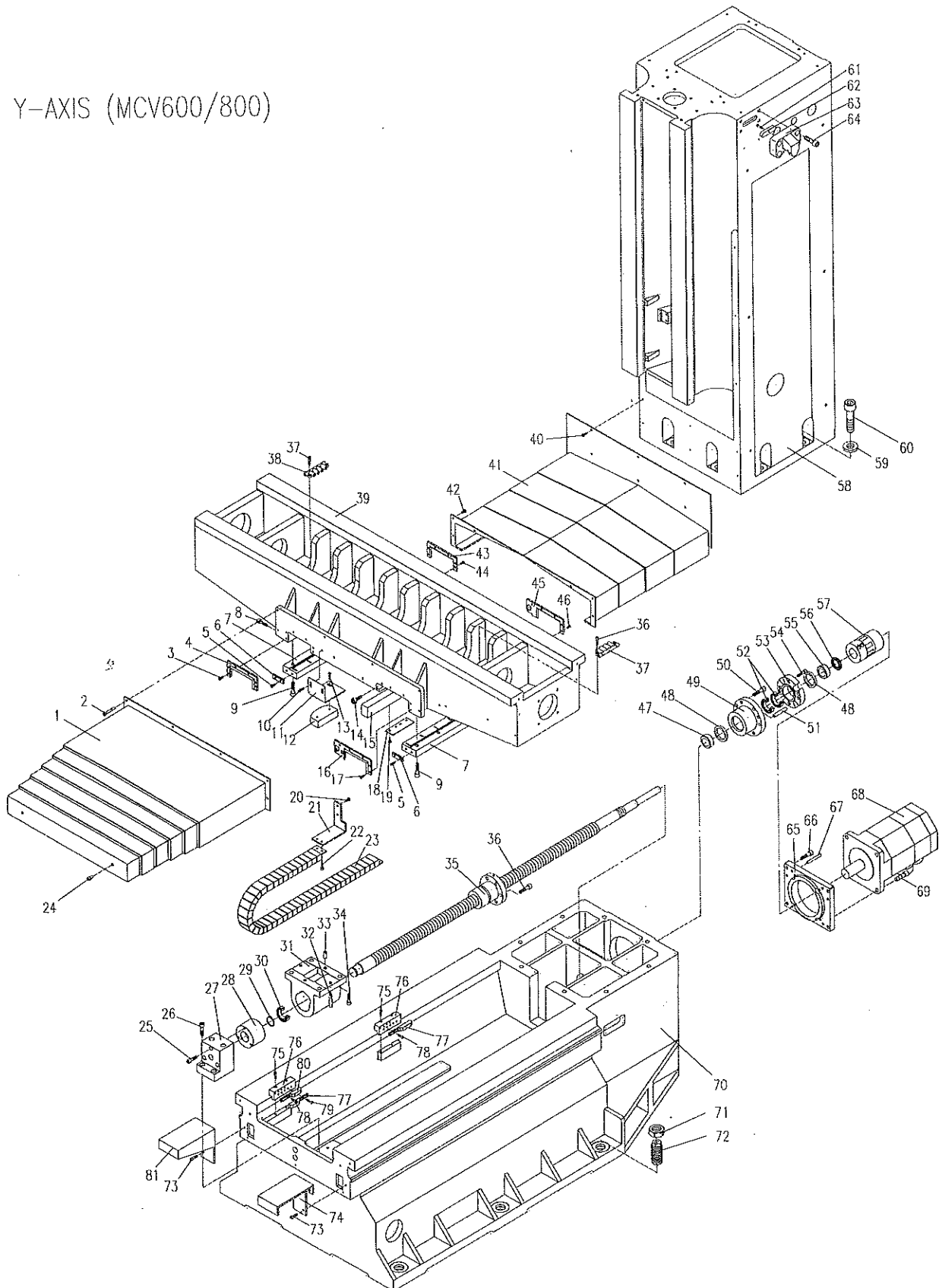
DATE	PG	ORIGINAL	MODIFIED	ED	REMARK
02.10.29		NONE	ADD 1000 X, Y AXIS	A01	德大 ATC
03.01.09	64-69	NONE	ADD 24T ATC 17. 18.	A02	
03.06.02	26.28	取消 1000-C089	增加 1000-C171A	A03	
04.11.04	ALL			A04	

1. Y Axis (MCV600/800)					Note
Parts No.		Pc	Description		
1	800-C026	1	5 STAGE FRONT PROTECTOR	Y 前護蓋	
2		6	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
3		6	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
4	800-C036	1	Y LEFT FRONT WIPER	Y 軸左前刮刷器	
5		8	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
6	1000-C012	4	WIPER (X)	導板刮刷器	
7	800-C024	2	Y SUPPORTER	Y 軸導板	
8	5MC-2929	2	AXIS LOCK BOLT	軸固定螺栓	
9		6	SCREW	螺絲	M10x30
10		2	SCREW	螺絲	M6x12
11	1060-C070	1	LIMIT SWITCH SEAT	極限開關座	
12	EA12-0602-010	1	LIMITED SWITCH	限動開關	
13		2	SCREW	螺絲	M6x12
14	5MC-1034	2	GIB ADJUSTING SCREW	炭條調整螺栓	
15	800-C020	1	Y AXIS GIB	鞍座炭條	
16	800-C039	1	Y RIGHT FRONT WIPER	Y 軸右前刮刷器	
17		6	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
18	1200-C012	2	GIB HOLDER (X)	炭條護板	
19		4	SCREW FLAT HEAD	皿頭螺絲	M6x10
20		2	SCREW	承蝸螺絲	M6x12
21	800-C021	1	CONNECT PLATE	連接板	
22		2	SCREW	螺絲	M6x12
23	1000-C682	1	FLEXIBLE CONDUIT	方形連動護管	
24		2	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
25		3	SCREW	螺絲	M8x20
26		4	SCREW	螺絲	M10x25
27	800-C149	1	BRACKET HOUSING	Y 導桿前托架	
28	1060-C009	1	BRACKET	Y 導桿前軸承座	
29		1	LOCK RING	扣環	A25
30		1	BEARING	軸承	6205
31	1000-C126	1	BALL SCREW NUT BRACKET	導桿螺帽座	
32		2	TAPER PIN	斜銷	φ 10x45
33		2	PIN	內牙直銷	φ 10x20

1. Y Axis (MCV600/800)					Note
Parts No.		Pc	Description		
34		4	SCREW	螺絲	M12x25
35	800-C004	1	BALL SCREW (Y)	Y 軸滾珠導螺桿	
36		6	SCREW	螺絲	M10x30
37		2	SCREW	螺絲	M6x20
38	4850-C086	2	DESTER PLUNGERS(5 MOLES)	分油座	
39	800-C002	1	SADDLE	鞍座	
40		6	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
41	800-C027	1	5 STAGE PROTECTOR	Y 後護蓋	
42		6	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
43	800-C037	1	Y LEFT BACK WIPER	Y 軸左後刮刷器	
44		6	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
45	800-C038	1	Y RIGHT BACK WIPER	Y 軸右後刮刷器	
46		6	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
47	5MC-1381	1	BEARING COLLAR	軸承隔圈	
48	5MC-1011	2	OIL SEAL	油封	
49	5MC-1009	1	BEARING HOUSING	軸承座	
50		6	SCREW	螺絲	M10x25
51		2	TAPER PIN	斜銷	φ 10x45
52		2	BEARING	軸承	30TAC62B
53	5MC-1025	1	BEARING HOLDER	軸承壓環	
54		4	SCREW	螺絲	M10x20
55	5MC-1381	1	BEARING COLLAR	軸承隔圈	
56	CV850-T035	1	NUT	螺帽	YSR M30xP1.5
57	1300-C176	1	COUPLING	連軸器	發那科用
57-1	1000-C392	1	X.Y AXIS COUPLING	連軸器	西門子用
57-2	1000-H053	1	COUPLING	連軸器	海德漢用
58	5MC-1201	1	COLUMN	機身	
59	5MC-1228	8	WASHER	機身平華司	
60		8	SCREW	螺絲	M16x65
61		2	SCREW	螺絲	M5x12
62	5MC-2919	2	POSITIONING KEY	雙圓頭鍵	
63	5MC-2909	2	HOOK	吊鉤	
64		4	SCREW	螺絲	M12x40

1. Y Axis (MCV600/800)					Note
Parts No.		Pc	Description		
65	1200-C022	1	MOTOR BRACKET	馬達托板	發那科用
65-1	1000-C394	1	MOTOR BRACKET	馬達托板	西門子用
65-2	1000-H052	1	MOTOR BRACKET	馬達托板	海德漢用
66		4	SCREW	螺絲	M10x40
67		2	TAPER PIN	斜銷	φ 8x35
68		1	SERVO MOTOR	伺服馬達	α C12
69		4	SCREW	螺絲	M8x40
70	800-C001	1	BED	底座	
71	5MC-2912	7	AN07 LOCK NUT	六角螺帽	
72	5MC-2911	7	LEVELING ADJ. BOLT	水平調整螺絲	
73		6	SCREW	螺絲	M6x16
74	800-C030	1	PROTECTOR HOLDER (1)	Y 軸支架(一)	
75		2	SCREW	螺絲	M6x30
76	800-C022	2	Y DOG SUPPORTER	Y 軸感應塊座	
77	5MC-1063	2	LIMIT SENOR LUMP	極限感應塊	
78		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
79		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
80	5MC-1059	1	DOG (HOME)	原點感應塊	
81	800-C031	1	PROTECTOR HOLDER (2)	Y 軸支架(二)	
82					

Y-AXIS (MCV600/800)





PARTS LIST

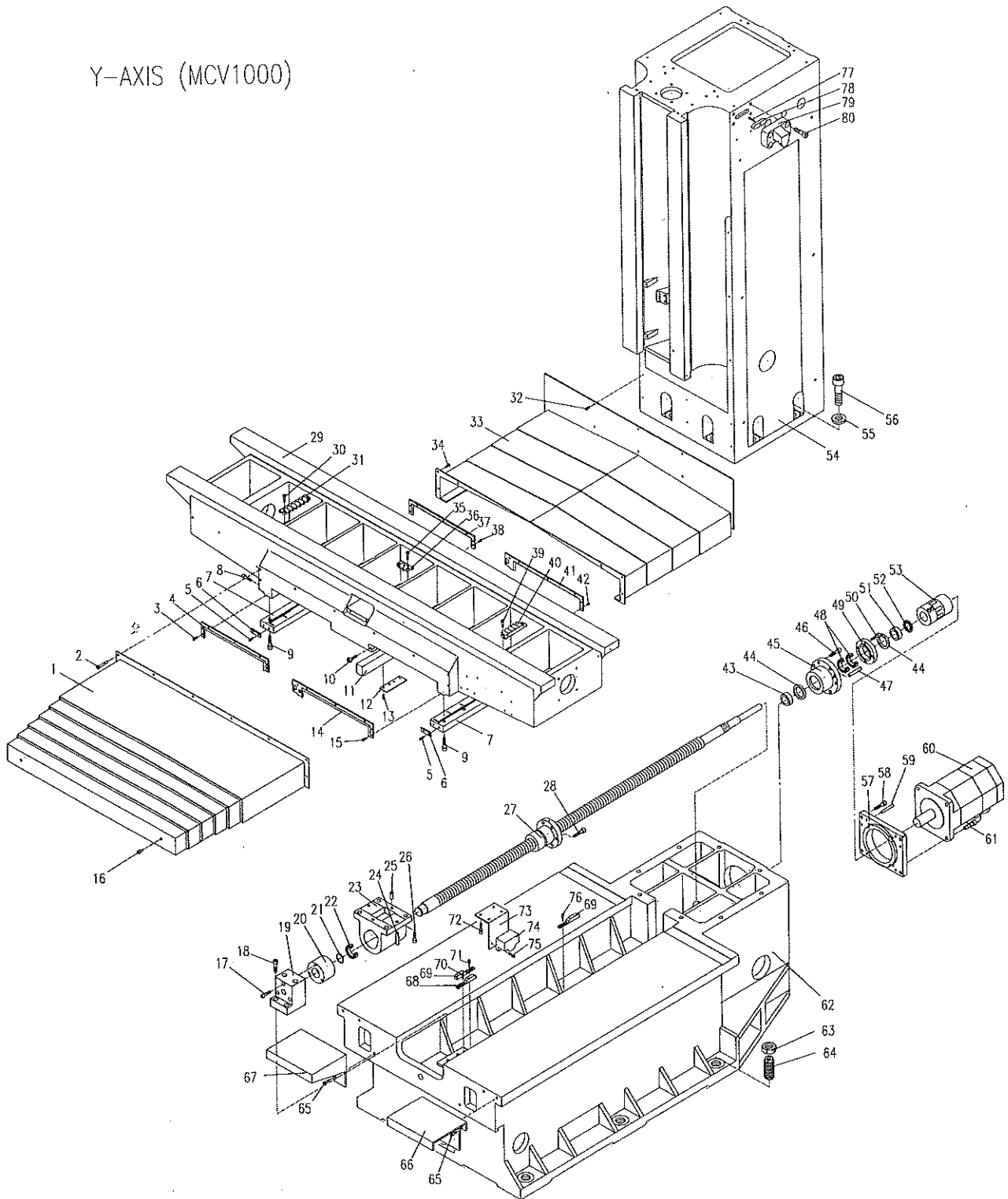
MCV-600/800/1000 BASIC MACHINE

2. Y Axis (MCV1000)					Note
Parts No.		Pc	Description		
1	1000-C034	1	5 STAGE PROTECTOR	Y 前護蓋	
2		8	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
3		5	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
4	1000-C183	1	Y LEFT FRONT WIPER	Y 軸左前刮刷器	
5		8	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
6	1000-C012	4	WIPER (X)	導板刮刷器	
7	1000-C054	2	GIB HOLDER	鞍座導板	
8	5MC-2929	2	AXIS LOCK BOLT	軸固定螺栓	
9		8	SCREW	螺絲	M10x30
10	5MC-1034	2	GIB ADJUSTING SCREW	炭條調整螺栓	
11	1000-C053	1	SADDLE GIB	鞍座炭條	
12	1200-C012	2	GIB HOLDER (X)	炭條護板	
13		4	SCREW FLAT HEAD	皿頭螺絲	M6x10
14	1000-C186	1	Y RIGHT FRONT WIPER	Y 軸右前刮刷器	
15		6	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
16		2	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
17		3	SCREW	螺絲	M8x30
18		4	SCREW	螺絲	M10x45
19	800-C149	1	BRACKET HOUSING	Y 導螺桿前托架	
20	1060-C009	1	BRACKET	Y 導桿前軸承座	
21		1	LOCK RING	扣環	A25
22		1	BEARING	軸承	6205
23	1000-C127	1	BALL SCREW NUT BRACKET	導桿螺帽座	
24		2	TAPER PIN	斜銷	§ 10x45
25		1	PIN	內牙直銷	§ 10x20
26		4	SCREW	螺絲	M12x30
27	1000-C004	1	BALL SCREW(Y)	Y 軸滾珠導螺桿	
28		5	SCREW	螺絲	M10x30
29	1000-C202	1	SADDLE	鞍座	
30		2	SCREW	螺絲	M6x20
31	CV850-C087	1	DESTER PLUNGERS(6 MOLES)	油分配器	
32		6	SCREW BUTTON HEAD	半圓頭螺絲	M6x16
33	1000-C035	1	5 STAGE PROTECTOR	Y 後護蓋	

2. Y Axis (MCV1000)					Note
Parts No.		Pc	Description		
34		6	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
35		1	SCREW	螺絲	M6x20
36	5MC-2647	1	DESTER PLUNGERS(2 MOLES)	油分配器	
37	1000-C184	1	Y LEFT BACK WIPER	Y 軸左後刮刷器	
38		5	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
39		2	SCREW	螺絲	M6x20
40	CV850-C086	1	DESTER PLUNGERS(5 MOLES)	油分配器	
41	1000-C185	1	Y RIGHT BACK WIPER	Y 軸右後刮刷器	
42		6	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
43	1000-C052	1	BEARING SPACER	軸承隔圈	
44	5MC-1011	2	OIL SEAL	油封	
45	1000-C051	1	BEARING HOUSING	Y 後軸承座	
46		6	SCREW	螺絲	M10x25
47		2	TAPER PIN	斜銷	φ 10x45
48		4	BEARING	軸承	30TAC62B
49	CV850-T033	1	X BEARING CIRCLET	軸承壓環	
50		4	SCREW	螺絲	M8x20
51	CV850-T032	1	BEARING SPACER	軸承隔圈	
52	CV850-T035	1	NUT	螺帽	YSR M30xP1.5
53	1300-C176	1	COUPLING	連軸器	發那科用
53-1	1000-C392	1	X.Y AXIS COUPLING	連軸器	西門子用
53-2	1000-H053	1	COUPLING	連軸器	海德漢用
54	5MC-1201	1	COLUMN	機身	
55	5MC-1228	8	WASHER	機身平華司	
56		8	SCREW	螺絲	M16x65
57	1200-C022	1	MOTOR BRACKET	馬達托板	發那科用
57-1	1000-C394	1	MOTOR BRACKET	馬達托板	西門子用
57-2	1000-H052	1	MOTOR BRACKET	馬達托板	海德漢用
58		4	SCREW	螺絲	M10x30
59		2	TAPER PIN	斜銷	φ 8x35
60		1	SERVO MOTOR	伺服馬達	
61		4	SCREW	螺絲	M10x40
62	1000-C001	1	BED	底座	
63	5MC-2912	7	AN07 LOCK NUT	六角螺帽	
64	5MC-2911	7	LEVELING ADJ. BOLT	水平調整螺絲	
65		6	SCREW	螺絲	M6x16
66	1000-C036	1	PROTECTOR HOLDER (1)	Y 軸支架(一)	

2. Y Axis (MCV1000)					Note
Parts No.		Pc	Description		
67	1000-C037	1	PROTECTOR HOLDER (2)	Y 軸支架(二)	
68	5MC-1059	1	DOG(HOME)	原點感應塊	
69	5MC-1063	2	LIMIT SENSOR LUMP	極限感應塊	
70		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
71		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
72		4	SCREW	螺絲	M6x16
73	1060-C070	1	LIMIT SWITCH SEAT	極限開關座	
74	EA12-0602-010	1	LIMITED SWITCH	限動開關	
75		2	SCREW	螺絲	M6x12
76		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
77		2	SCREW	螺絲	M5x12
78	5MC-2919	2	POSITIONING KEY	雙圓頭鍵	
79	5MC-2909	2	HOOK	吊鉤	
80		8	SCREW	螺絲	M12x40

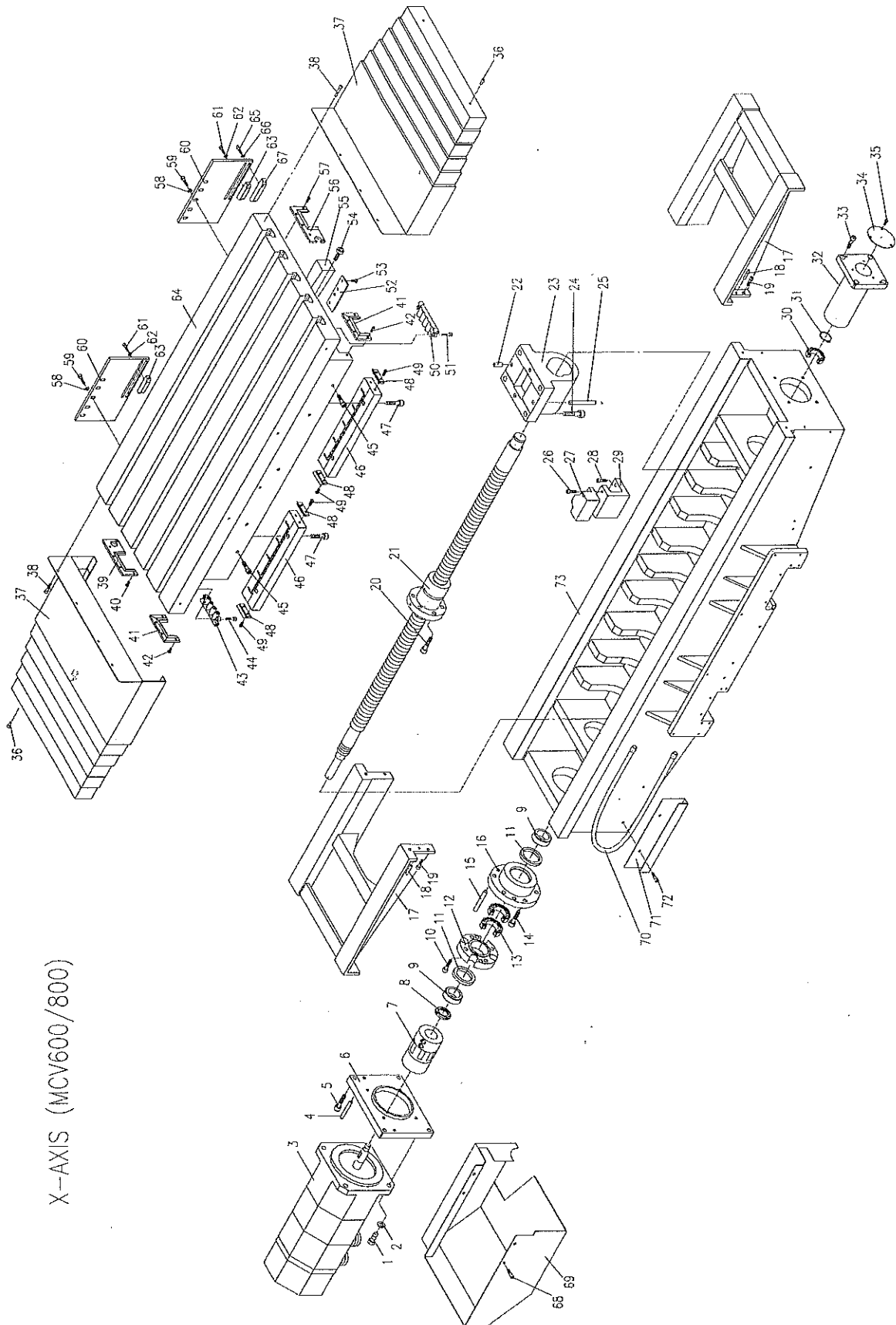
Y-AXIS (MCV1000)



3. X Axis (MCV600/800)					Note
Parts No.		Pc	Description		
1		4	SCREW	螺絲	M8x40
2		4	SPRING WASHER	彈簧墊圈	φ 8
3		1	SERVO MOTOR	伺服馬達	α C12
4		2	TAPER PIN	斜銷	φ 8x35
5		4	SCREW	螺絲	M10x40
6	800-C023	1	X MOTOR BRACKET	X 馬達托架	發那科用
6-1	1000-C391	1	X MOTOR BRACKET	X 馬達托架	西門子用
6-2	1000-H051	1	X MOTOR BRACKET	X 馬達托架	海德漢用
7	1300-C176	1	X.Y AXIS COUPLING	連軸器	發那科用
7-1	1000-C392	1	X.Y AXIS COUPLING	連軸器	西門子用
7-2	1000-H053	1	X.Y AXIS COUPLING	連軸器	海德漢用
8	CV850-T035	1	NUT	螺帽	YSR M30xP1.5
9	5MC-1381	2	BEARING COLLAR	軸承隔圈	
10		4	SCREW	螺絲	M10x20
11	5MC-1011	2	OIL SEAL	油封	
12	5MC-1025	1	BEARING HOLDER	軸承固定環	
13		2	BEARING	軸承	30TAC62B
14		4	SCREW	螺絲	M10x25
15		2	TAPER PIN	斜銷	φ 10x45
16	5MC-1009	1	BEARING HOUSING	軸承座	
17	800-C078	2	STAGE COVER SUPPORTER	伸縮護蓋支撐架	MCV-800
17-1	600-C041	2	STAGE COVER SUPPORTER	伸縮護蓋支撐架	MCV-600
18		4	TAPER PIN	斜銷	φ 6X30L
19		8	SCREW	螺絲	M6x20
20		5	SCREW	螺絲	M10x25
21	800-C005	1	BALL SCREW(X)	X 軸滾珠導螺桿	MCV-800
21-1	800-C071	1	BALL SCREW(X)	X 軸滾珠導螺桿	MCV-600
22		2	PIN	內牙直銷	φ 10x20
23	1000-C126	1	BALL SCREW NUT BRACKET	導桿螺帽座	
24		4	SCREW	螺絲	M12x30
25		2	TAPER PIN	斜銷	φ 10x45
26		2	SCREW	螺絲	M6x35
27	EA12-0602-010	1	LIMITED SWITCH	極限開關	

3. X Axis (MCV600/800)					Note
Parts No.		Pc	Description		
28		2	SCREW	螺絲	M8x25
29	800-C097	1	X LIMIT SWITCH SUPPORTER	X 軸微動開關座	
30		1	BEARING	軸承	6205
31		1	LOCK RING	扣環	A25
32	1060-C008	1	BEARING HOUSING (X)	X 軸承支撐座	
33		4	SCREW	螺絲	M8x20
34	5MC-1317	1	COVER	X 軸承座蓋	
35		3	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
36		4	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
37	800-C025	2	6 STAGE PROTECTOR	X 伸縮護罩	MCV-800
	800-C072	2	6 STAGE PROTECTOR	X 伸縮護罩	MCV-600
38		8	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
39	800-C034	1	X LEFT BACK WIPER	X 軸左後刮刷器	
40		5	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
41	800-C033	2	X LEFT FRONT WIPER	X 軸左前刮刷器	
42		8	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
43	CV850-C086	1	DESTER PLUNGERS(5 MOLES)	油分配器	
44		2	SCREW	螺絲	M6x20
45	1000-C112	2	AXIS LOCK BOLT	軸固定螺栓	
46	1000-C007	4	SUPPORTER	工作台導板	
47		8	SCREW	螺絲	M10x30
48	1000-C012	8	WIPER (X)	導板刮刷器	
49		16	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
50	CV850-C087	1	DESTER PLUNGERS(6 MOLES)	油分配器	
51		2	SCREW	螺絲	M6x20
52	1200-C012	2	GIB HOLDER (X)	炭條護板	
53		4	SCREW FLAT HEAD	皿頭螺絲	M6x10
54	5MC-1034	2	GIB ADJUSTING SCREW	炭條調整螺栓	
55	800-C019	1	X AXIS GIB	工作台炭條	
56	800-C035	1	X RIGHT BACK WIPER	X 軸右後刮刷器	
57		5	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
58		8	WASHER	平華司	M6
59		8	SCREW	螺絲	M6x16

3. X Axis (MCV600/800)					Note
Parts No.		Pc	Description		
60	1000-C408	2	X DOG SUPPORTER	X 軸感應塊座	
61		4	SCREW	螺絲	M5x16
62		4	WASHER	平華司	M5
63	1000-C410	2	LIMIT SENOR LUMP	極限感應塊	
64	800-C003	1	TABLE	工作台	
65		2	SCREW	螺絲	M5x16
66		2	WASHER	平華司	M5
67	1000-C409	1	DOG (HOME)	原點感應塊	
68		4	SCREW	螺絲	M6x12
69	800-C141	1	MOTOR COVER	馬達蓋	
70	600-C026	1	TUBE	軟管	MCV-600 用
70-1	5MC-2658	1	TUBE	軟管	MCV-800 用
71	800-C069	1	OIL PIPE SUPPORTER	油管支撐架	
72		2	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
73	800-C002	1	SADDLE	鞍座	

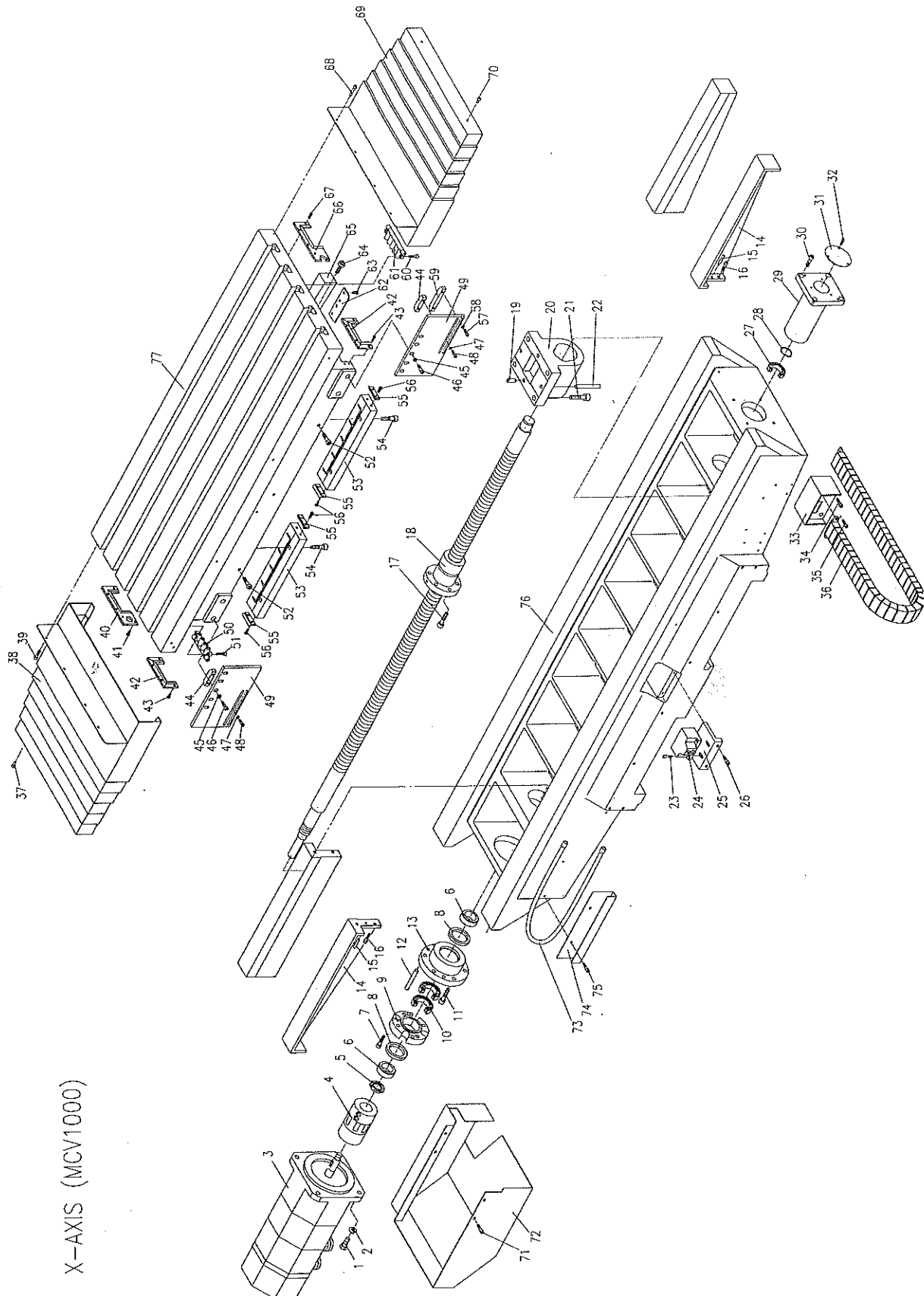


X-AXIS (MCV600/800)

4. X Axis (MCV1000)					Note
Parts No.		Pc	Description		
1		4	SCREW	螺絲	M10x40
2		4	SPRING WASHER	彈簧墊圈	§ 10
3		1	SERVO MOTOR	伺服馬達	
4	1300-C176	1	COUPLING	連軸器	發那科用
4-1	1000-C392	1	X.Y AXIS COUPLING	連軸器	西門子用
4-2	1000-H053	1	COUPLING	連軸器	海德漢用
5	CV850-T035	1	NUT	螺帽	YSR M30xP1.5
6	5MC-1381	2	BEARING COLLAR	軸承隔圈	
7		4	SCREW	螺絲	M10x20
8	5MC-1011	2	OIL SEAL	油封	
9	5MC-1025	1	BEARING HOLDER	軸承固定環	
10		2	BEARING	軸承	30TAC62B
11		4	SCREW	螺絲	M10x25
12		2	TAPER PIN	斜銷	§ 10x45
13	5MC-1009	1	BEARING HOUSING	軸承座	
14	1000-C951	2	PROTECTOR HOLDER	X 軸支架	
	1000-C952	2			
15		4	TAPER PIN	斜銷	§ 6X30L
16		8	SCREW	螺絲	M6x20
17		5	SCREW	螺絲	M10x25
18	1000-C005	1	BALL SCREW(X)	X 軸滾珠導螺桿	
19		1	PIN	內牙直銷	§ 10x20
20	1000-C126	1	BALL SCREW NUT BRACKET	導桿螺帽座	
21		4	SCREW	螺絲	M12x30
22		2	TAPER PIN	斜銷	§ 10x45
23		2	SCREW	螺絲	M6x35
24	EA12-0602-010	1	LIMITED SWITCH	極限開關	
25	1000-C016	1	LIMIT SWITCH SEAT	X 軸微動開關座	
26		2	SCREW	螺絲	M6x20
27		1	BEARING	軸承	6205
28		1	LOCK RING	扣環	A25
29	1060-C008	1	BEARING HOUSING	X 軸承支撐座	
30		4	SCREW	螺絲	M8x20
31	5MC-1317	1	COVER	X 軸承座蓋	
32		3	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
33	1000-C553	1	Y CABLE CONNECTOR BASE	Y 軸護管座	

4. X Axis (MCV1000)					Note
Parts No.		Pc	Description		
34		2	SCREW	螺絲	M6x12
35		2	SCREW	螺絲	M6x12
36	1000-C682	1	FLEXIBLE CONDUIT	方型連動護管	
37		2	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
38	1000-C082	1	6 STAGE PROTECTOR (LEFT)	X 左伸縮護蓋	
39		4	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
40	1000-C181	1	X LEFT BACK WIPER	X 軸左後刮刷器	
41		5	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
42	1000-C180	2	X LEFT FRONT WIPER	X 軸左前刮刷器	
43		8	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
44	1000-C410	2	LIMIT SENOR LUMP	極限感應塊	
45		4	WASHER	平華司	M6
46		4	SCREW	螺絲	M6x16
47		4	WASHER	平華司	M5
48		4	SCREW	螺絲	M5x16
49	1000-C408	2	X DOG SUPPORTER	感應塊固定座	
50	CV850-C086	1	DESTER PLUNGERS(5 MOLES)	油分配器	
51		2	SCREW	螺絲	M6x20
52	1000-C112	2	AXIS LOCK BOLT	軸固定螺栓	
53	1000-C007	4	SUPPORTER	工作台導板	
54		8	SCREW	螺絲	M10x30
55	1000-C012	8	WIPER (X)	導板刮刷器	
56		16	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
57		2	SCREW	螺絲	M5x16
58		2	WASHER	平華司	M5
59	1000-C409	1	DOG(HOME)	原點感應塊	
60		2	SCREW	螺絲	M6x20
61	CV850-C087	1	DESTER PLUNGERS(6 MOLES)	油分配器	
62	1200-C012	2	GIB HOLDER (X)	炭條護板	
63		4	SCREW FLAT HEAD	皿頭螺絲	M6x10
64	5MC-1034	2	GIB ADJUSTING SCREW	炭條調整螺栓	
65	1000-C204	1	GIB-TABLE SLIDE	工作台炭條	
66	1000-C182	1	X RIGHT BACK WIPER	X 軸右後刮刷器	
67		5	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
68		4	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
69	1000-C081	1	6 STAGE PROTECTOR (RIGHT)	X 右伸縮護蓋	

4. X Axis (MCV1000)					Note
Parts No.		Pc	Description		
70		2	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
71		4	SCREW	螺絲	M6x12
72	1000-C128	1	MOTOR COVER	馬達蓋	
73	1000-C107	1	TUBE	軟管	
74	800-C069	1	OIL PIPE SUPPORTER	油管支撐架	
75		2	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
76	1000-C202	1	SADDLE	鞍座	
77	1000-C203	1	TABLE	工作台	



X-AXIS (MCV1000)

5. Z-AXIS-1 (direct transit)					Note
Parts No.		Pc	Description		
1	5MC-1246	1	DOG BRACKET	上感應塊座	
2	5MC-1063	2	LIMIT SENOR LUMP	極限感應塊	
3		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
4		4	SCREW	螺絲	M6x16
5	5MC-1245	1	DOG BRACKET	下感應塊座	
6		4	SCREW	螺絲	M6x16
7	5MC-1059	1	DOG(HOME)	原點感應塊	
8		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
9		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
10	1000-H001	1	HEAD STOCK	機頭本體	
11		2	SCREW	螺絲	M6x16
12	1060-C132	1	SENSOR LUMP SEAT	感應塊座	18 支刀不用
13	EA12-0602-010	1	LIMITED SWITCH	極限開關	
14		2	SCREW	螺絲	M6x35
15	5MC-2003	1	SUPPORTER (L)	Z 軸左導板	
16	5MC-2006	2	WIPER(Z)	刮刷器	
17		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
18	5MC-2010	2	WIPER(Z)	刮刷器	
19		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
20	5MC-2013	2	WIPER(Z)	刮刷器	
21		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
22	5MC-2008	2	WIPER(Z)	刮刷器	
23		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
24	1000-C091	2	WIPER	炭條刮刷器(Z)	
25		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
26	5MC-2007	2	WIPER(Z)	刮刷器	
27		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
28	5MC-2014	2	WIPER(Z)	刮刷器	
29		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
30	5MC-1034	2	GIB ADJUSTING SCREW	炭條調整螺栓	
31		2	SCREW	螺絲	M8x20
32	5MC-1416	1	BOOSTING HOLDER	墊塊	
33	5MC-2004	1	GIB (Z)	Z 軸炭條	

5. Z-AXIS-1 (direct transit)					Note
Parts No.	Pc	Description			
34		16	SCREW	螺絲	M12x35
35	5MC-2002	1	SUPPORTER (R)	Z 軸右導板	
36	5MC-2012	1	WIPER(Z)	刮刷器	
37	5MC-2011	1	WIPER(Z)	刮刷器	
38		2	PIN	內牙直銷	φ 10x20
39		1	SERVO MOTOR	伺服馬達	
40		4	SCREW	螺絲	M12x25
41	T-22x26	4	SPRING WASHER	彈簧墊圈	φ 12
42		4	SCREW	螺絲	M10x30 西門子用
43	1300-C019	1	Z MOTOR BRACKET	Z 軸馬達托板	西門子用
44	5MC-1207	2	MOTOR BASE COVER (Z)	馬達座前蓋	
45		8	SCREW BUTTON HEAD	半圓頭螺絲	M4x10
46		4	SCREW	螺絲	M10x40
47	5MC-1202	1	Z MOTOR BASE	Z 軸馬達座	發那科,西門子用
48	1300-C176	1	Z AXIS COUPLING	連軸器	發那科用
49	1000-C393	1	Z AXIS COUPLING	連軸器	西門子用
50	CV850-T035	1	NUT	螺帽	YSRM30xP1.5
50-1	5MC-1381	2	BEARING COLLAR	軸承隔圈	
51	5MC-1011	2	OIL SEAL	油封	
52	5MC-1229	1	BEARING HOLDER	軸承壓環	
53		4	BEARING	軸承	30TAC62B
54		4	SCREW	螺絲	M10x30
55		4	SCREW	螺絲	M10x20
56		2	TAPER PIN	斜銷	φ 10x45
57	1000-C704	1	BEARING HOUSING	Z 軸軸承座	
58	5MC-1201	1	COLUMN	機身	
59	5MC-1219	1	BALL SCREW OF Z AXIS	Z 軸滾珠導螺桿	
60		5	SCREW	螺絲	M8x20
61	5MC-1380	1	NUT FIXING FLANGE	導桿螺帽座	
62		4	SCREW	螺絲	M10x25
63		2	TAPER PIN	斜銷	φ 10
64		4	SCREW	螺絲	M6x20
65	1000-H040	1	BUFFER BLOCK	防撞塊	

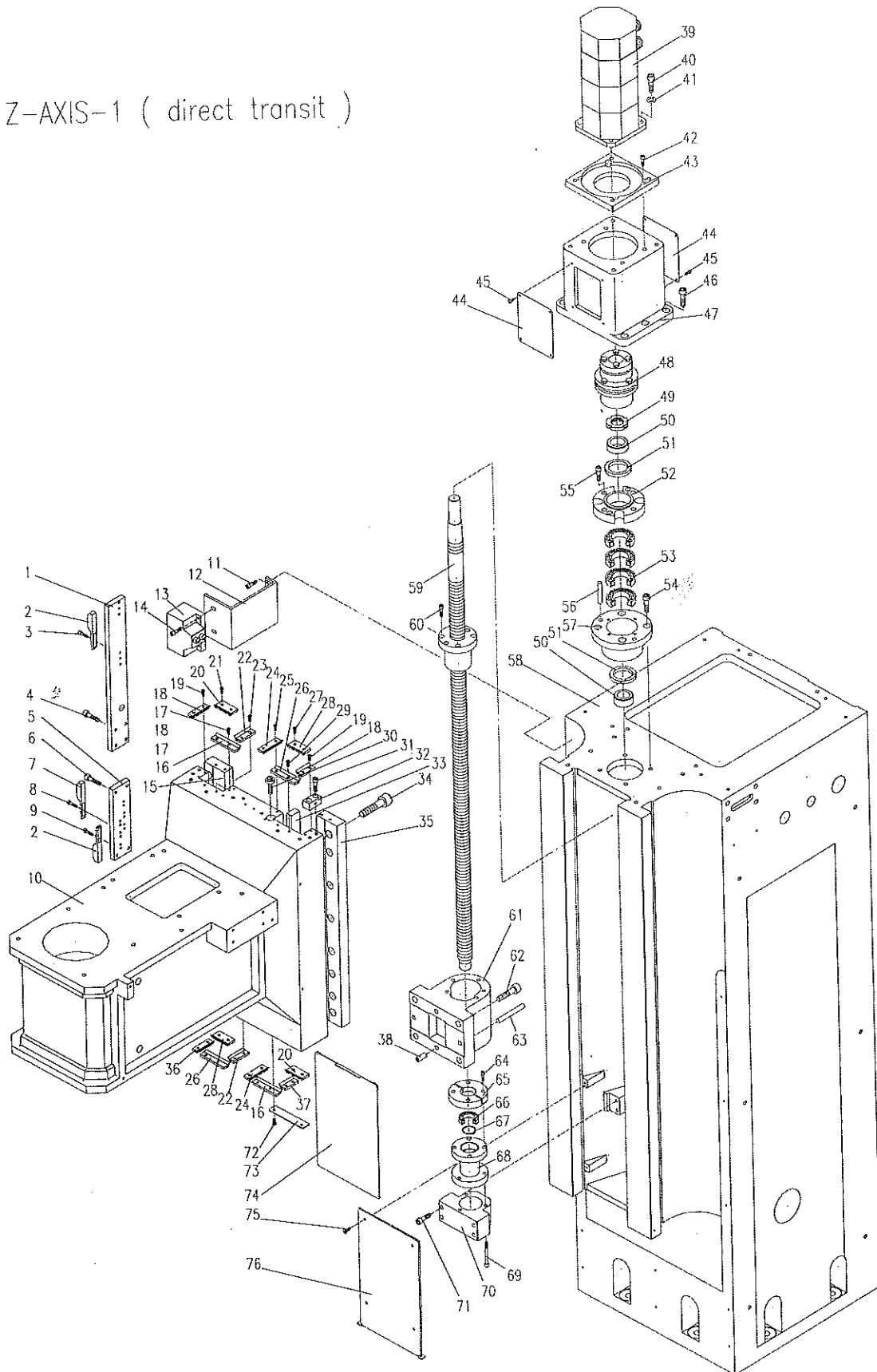


PARTS LIST

MCV-600/800/1000 BASIC MACHINE

5. Z-AXIS-1 (direct transit)					Note
Parts No.		Pc	Description		
66		1	BEARING	軸承	6003ZZ
67		1	LOCK RING	扣環	A25
68	1000-H038	1	STOPPER FLANGE	下軸承座	
69		3	SCREW	螺絲	M6x60
70	5MC-1225	1	FLANGE	軸承座支撐座	
71		4	SCREW	螺絲	M8x55
72		2	SCREW	螺絲	M5x10
73	5MC-1231	1	SLIDE COVER HOLDER	滑道蓋板	
74	5MC-1233	1	SLIDE COVER	上滑道防塵蓋	
75		4	FLAPE TYPE SCREW	平螺絲	M5x10
76	5MC-1234	1	STOPPER COVER	下滑道防塵蓋	

Z-AXIS-1 (direct transit)



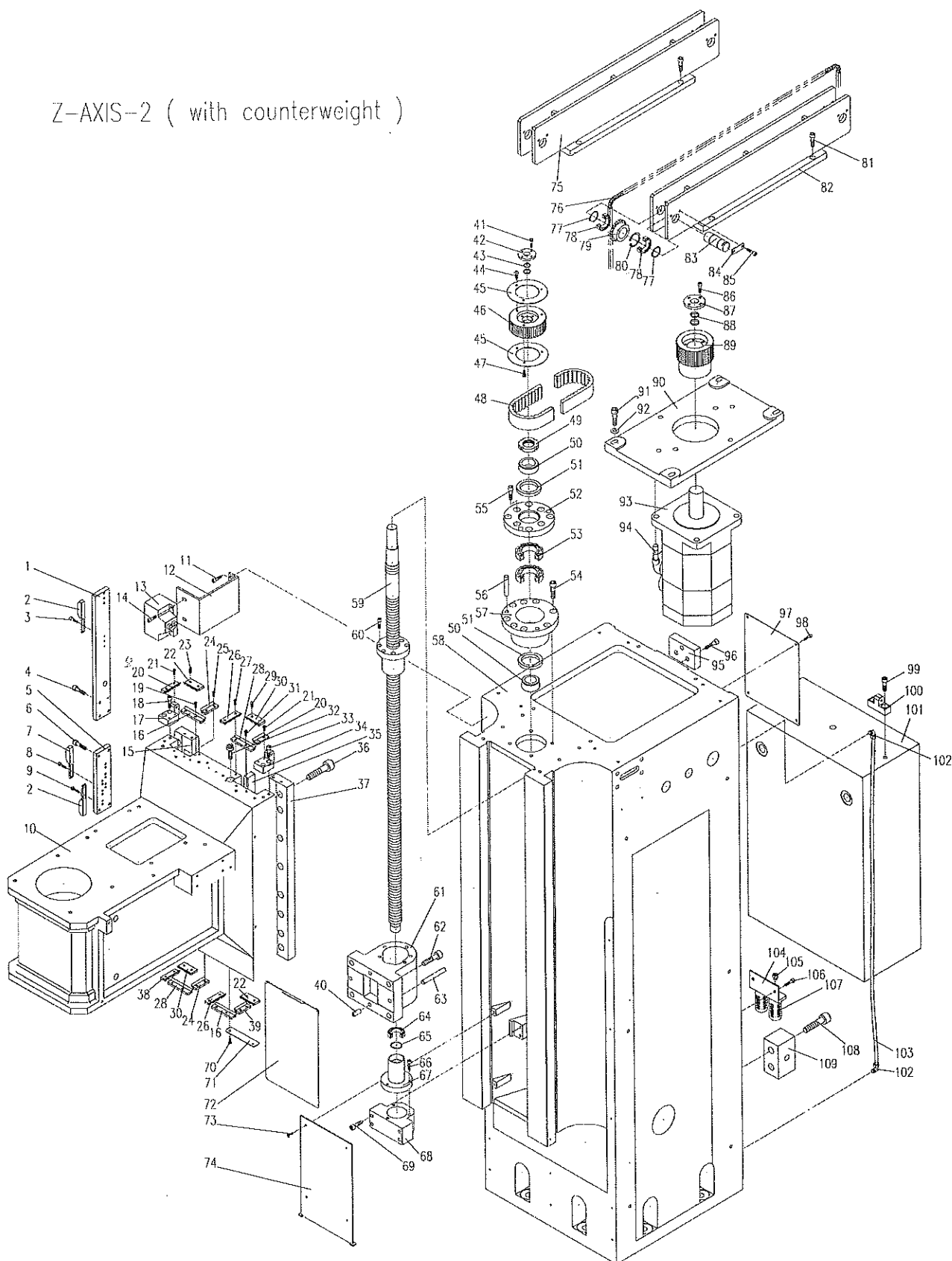
6. Z-AXIS-2 (with counterweight)					Note
Parts No.		Pc	Description		
1	5MC-1246	1	DOG BRACKET	上感應塊座	
2	5MC-1063	2	LIMIT SENOR LUMP	極限感應塊	
3		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
4		4	SCREW	螺絲	M6x16
5	5MC-1245	1	DOG BRACKET	下感應塊座	
6		4	SCREW	螺絲	M6x16
7	5MC-1059	1	DOG(HOME)	原點感應塊	
8		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
9		2	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
10	1000-H001	1	HEAD STOCK	機頭本體	
11		2	SCREW	螺絲	M6x16
12	1060-C132	1	SENSOR LUMP SEAT	感應塊座	18 支刀不用
13	EA12-0602-010	1	LIMITED SWITCH	極限開關	
14		2	SCREW	螺絲	M6x35
15	5MC-2003	1	SUPPORTER (L)	Z 軸左導板	
16	5MC-2006	2	WIPER(Z)	刮刷器	
17	5MC-1273	1	CHAIN HOLDER (L)	左鏈條座	
18		2	SCREW	螺絲	M8x20
19		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
20	5MC-2010	2	WIPER(Z)	刮刷器	
21		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
22	5MC-2013	2	WIPER(Z)	刮刷器	
23		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
24	5MC-2008	2	WIPER(Z)	刮刷器	
25		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
26	1000-C091	2	WIPER	炭條刮刷器(Z)	
27		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
28	5MC-2007	2	WIPER(Z)	刮刷器	
29		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
30	5MC-2014	2	WIPER(Z)	刮刷器	
31		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10
32	5MC-1034	2	GIB ADJUSTING SCREW	炭條調整螺栓	
33		2	SCREW	螺絲	M8x20

6. Z-AXIS-2 (with counterweight)					Note
Parts No.		Pc	Description		
34	5MC-1274	1	CHAIN HOLDER (R)	右鏈條座	
35	5MC-2004	1	GIB (Z)	Z 軸坎條	
36		16	SCREW	螺絲	M12x35
37	5MC-2002	1	SUPPORTER (R)	Z 軸右導板	
38	5MC-2012	1	WIPER(Z)	刮刷器	
39	5MC-2011	1	WIPER(Z)	刮刷器	
40		2	PIN	內牙直銷	φ 10x20
41		4	SCREW	螺絲	M6x25
42	5MC-1074	1	HOLDER	固定環	
43	T-22x26	1	HOLDING RING	迫緊環	TLK-300 φ 22x φ 26
44		3	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
45	5MC-6506	2	TIMING FLANGE	帶輪法蘭	
46	5MC-6507	1	Z AXIS TIMING GEAR	Z 軸齒帶輪	
47		3	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
48		1	TIME-IN BELT	齒形皮帶	TB-890-5M-30
49	CV850,T035	1	NUT	螺帽	YSR M30xP1.5
50	5MC-1381	2	BEARING COLLAR	軸承隔圈	
51	5MC-1011	2	5MC-1381	油封	
52	5MC-1229	1	BEARING HOLDER	軸承固定環	
53		2	BEARING	軸承	30TAC62B
54		4	SCREW	螺絲	M10x30
55		4	SCREW	螺絲	M10x16
56		2	TAPER PIN	斜銷	φ 10x45
57	5MC-1216	1	BEARING HOUSING	軸承座	
58	5MC-1201	1	COLUMN	機身	
59	5MC-1219	1	BALL SCREW OF Z AXIS	Z 軸滾珠導螺桿	
60		5	SCREW	螺絲	M8x20
61	5MC-1380	1	NUT FIXING FLANGE	導桿螺帽座	
62		4	SCREW	螺絲	M10x25
63		2	TAPER PIN	斜銷	φ 10x45
64		1	BEARING	軸承	6003ZZ
65		1	LOCK RING	扣環	A25
66	5MC-1223	1	STOPPER FLANGE	下軸承座	

6. Z-AXIS-2 (with counterweight)					Note
Parts No.		Pc	Description		
67		3	SCREW	螺絲	M6x20
68	5MC-1225	1	FLANGE	軸承座支撐座	
69		4	SCREW	螺絲	M8x55
70		2	SCREW	螺絲	M5x12
71	5MC-1231	1	SLIDE COVER HOLDER	滑道蓋板	
72	5MC-1233	1	SLIDE COVER	上滑道防塵蓋	
73		4	SCREW FLAT HEAD	皿頭螺絲	M5x10
74	5MC-1234	1	STOPPER COVER	下滑道防塵蓋	
75	5MC-1282	1	CHAIN GUIDE (L)	左鍊條軌道	
76	5MC-1272	2	CHAIN	鍊條	
77		8	LOCK RING	扣環	E19
78		8	BEARING	軸承	6005ZZ
79	5MC-1269	4	SPROCKET	鍊輪	
80		4	LOCK RING	扣環	R47
81		8	SCREW	螺絲	M8x25
82	5MC-1281	1	CHAIN GUIDE (R)	右鍊條軌道	
83	5MC-1265	4	SPROCKET SHAFT	鍊輪軸	
84	5MC-1270	4	CPLLAR	旋轉止動片	
85		8	SCREW	螺絲	M6x12
86		6	SCREW	螺絲	M6x16
87	5MC-1211	1	HOLDER	固定環	
88	T-35x40	1 組	HOLDING RING	迫緊環	TLK-300 ⌀ 35x ⌀ 40
89	5MC-6508	1	TIMING PULLEY	馬達齒帶輪	
90	5MC-6509	1	Z AXIS MOTOR BRACKET SUPPORTER	Z 軸馬達托板	
91		4	SCREW	螺絲	M10x40
92		4	WASHER	平華司	M10
93		1	SERVO MOTOR	伺服馬達	
94		4	SCREW	螺絲	M12x40
95	5MC-1382	1	BRACKET ADJUST DEVICE	調整座	
96		3	SCREW	螺絲	M8x40
97	5MC-1236	1	COLUMN BACK COVER	機身後蓋	
98		4	SCREW BUTTON HEAD	半圓頭螺絲	M5x10

6. Z-AXIS-2 (with counterweight)					Note
Parts No.		Pc	Description		
99		4	SCREW	螺絲	M10x30
100	5MC-1275	2	CHAIN HOLDER	後鍊條座	
101	5MC-1277	1	BALANCE WEIGHT	配重	
102		4	COPPER CONNECTOR	銅飛速外牙彎接頭	1/8"PTx ϕ 10
103		2	PU PIPE	PU 管	ϕ 10x ϕ 6.5x1270L
104	5MC-7748	1	AIR NOISE ELIMINATOR BASE	消音器固定架	
105	5MC-3311	2	JOINT	快速接頭	
106		2	SCREW	螺絲	M6x12
107	5541-3208-100	2	AIR NOISE ELIMINATOR	消音器	
108		4	SCREW	螺絲	M16x60
109	5MC-1283	2	STOPPER	配重下擋塊	
110					

Z-AXIS-2 (with counterweight)



7. Z-AXIS-3 & COOLANT DEVICE					Note
Parts No.		Pc	Description		
1	5MC-2719	1	Z UP COVER	Z 管路滑道蓋	
2		2	SCREW	螺絲	M5x10
3	5MC-2637	1	Z OIL DISTRIBUTOR SUPPORTER	Z 軸分油座固定板	
4	CV850-C086	1	DESTER PLUNGERS(5 MOLES)	油分配器	
5		3	SCREW	螺絲	M6x20
6	5MC-2647	1	DESTER PLUNGERS(2 MOLES)	油分配器	
7					
8					
9		2	WASHER	華司	φ 5
10		2	SCREW	螺絲	M5x20
11	1000-C171	1	Z SLIDEWAY COVER	圍裙式護蓋	1000-2050-200
12		4	SCREW	螺絲	M6x12
13	1000-C024	1	SPINDLE CABLE CONNECTOR BASE	主軸連動護管座	
14	5MC-7829	1	SPINDLE SIDE BOX COVER	主軸連動護管座蓋	
15		4	SCREW BUTTON HEAD	半圓頭螺絲	M6x10
16	CV850-C088	1	FLEXIBLE CONNECTOR	連動護管	
17	800-C139	1	DISTRIBUTOR SUPPORTER	分油塊固定座	CXL
18		2	SCREW	螺絲	M6x16
19	1000-C364	2	DISTRIBUTOR	大流量四通	
20		2	SCREW	螺絲	M5x45
21	1000-H004	8	SPRINKLE-NOZZLE	萬向冷卻噴頭	
22		2	SCREW	螺絲	M5x45
23		2	CONNECTOR	中接頭	1/2"PTx1/2"PT
24		1	STEEL PIPE	鋼管	φ 15
25		1	90 ° STEEL PIPE CONNECTOR	90 ° 鋼管接頭	1/2"PTx φ 15
26		1	3 WAY CONNECTOR	內牙三通接頭	1/2"PT
27	5MC-2989	2	CONNECTOR	中間接頭	
28		1	STEEL PIPE	鋼管	φ 15
29		1	90 ° STEEL PIPE CONNECTOR	90 ° 鋼管接頭	1/2"PTx φ 15
30		1	CONNECTOR	中接頭	1/2"PTx3/4H
31	1000-C382	1	PIPE	尼龍管	
32		1	CONNECTOR	中接頭	1/2"PTx3/4H

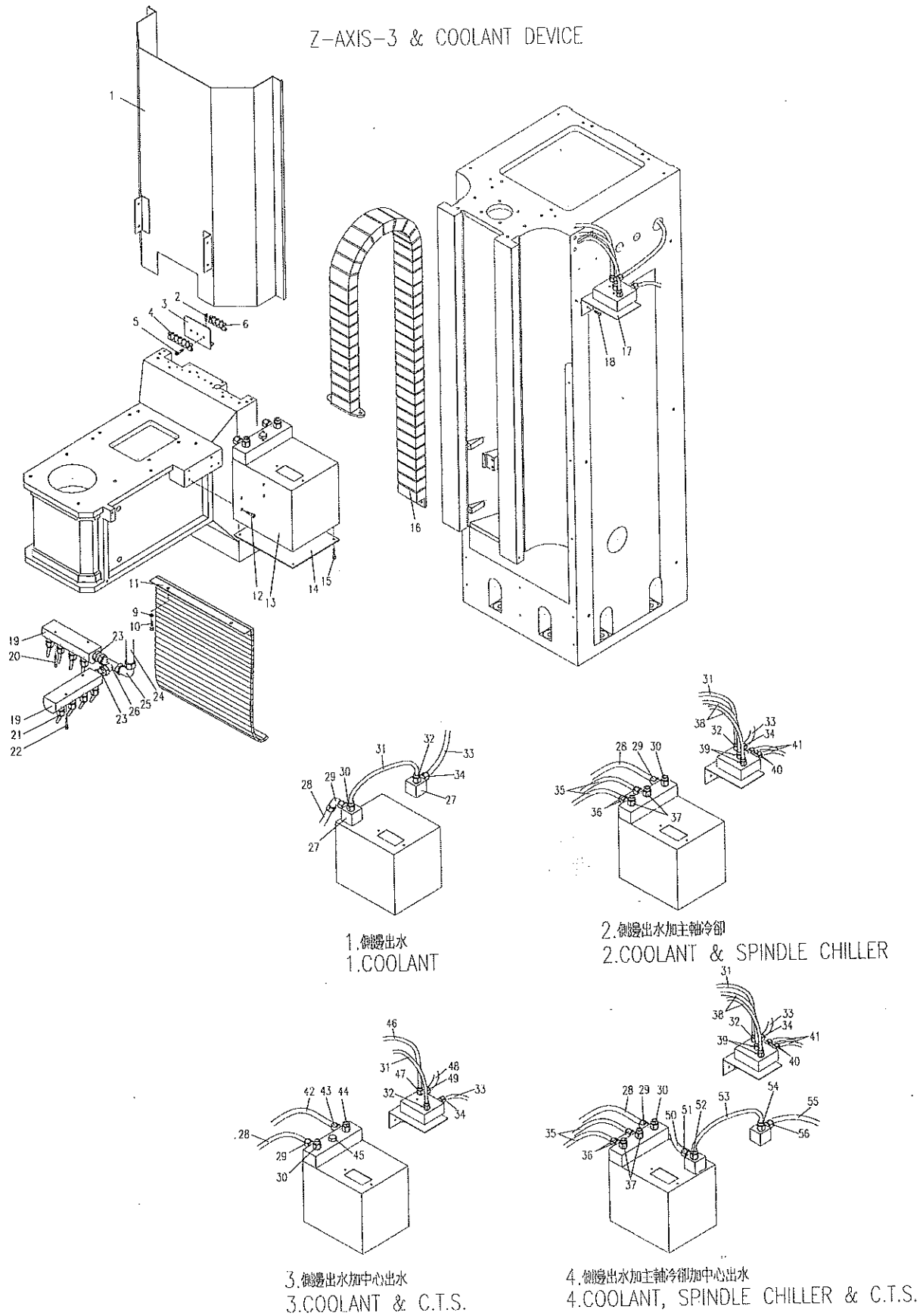


PARTS LIST

MCV-600/800/1000 BASIC MACHINE

7. Z-AXIS-3 & COOLANT DEVICE					Note
Parts No.		Pc	Description		
33	1000-C334	1	PIPE	耐油管	
34		1	CONNECTOR	中接頭	1/2"PTx3/4H
35		2	STEEL PIPE	鋼管	φ 10
36		2	90 ° STEEL PIPE CONNECTOR	90 ° 鋼管接頭	1/2"PTx φ 10
37		2	CONNECTOR	中接頭	1/2"PTx1/2H
38	1000-C435	2	PIPE	尼龍管	
39		2	CONNECTOR	中接頭	1/2"PTx1/2H
40		2	CONNECTOR	中接頭	1/2"PTx1/2H
41	1000-C154	1	AIR PIPE	中壓管	
42	1500-C115	1	AIR PIPE	中壓管	
43		1	CONNECTOR	中接頭	1/2"PTx3/8H
44		1	CONNECTOR	中接頭	1/2"PTx1/2H
45		1	STOPPER	孔塞	1/2"PT
46	1000-C435	1	PIPE	尼龍管	
47		1	CONNECTOR	中接頭	1/2"PTx1/2H
48	1000-C153	1	AIR PIPE	中壓管	
49		1	CONNECTOR	中接頭	1/2"PTx1H
50	1500-C115	1	AIR PIPE	中壓管	
51		1	CONNECTOR	中接頭	1/2"PTx3/8H
52		1	CONNECTOR	中接頭	1/2"PTx1/2H
53	1000-C435	1	PIPE	尼龍管	
54		1	CONNECTOR	中接頭	1/2"PTx1/2H
55	1000-C153	1	AIR PIPE	中壓管	
56		1	CONNECTOR	中接頭	1/2"PTx1H
57					

Z-AXIS-3 & COOLANT DEVICE





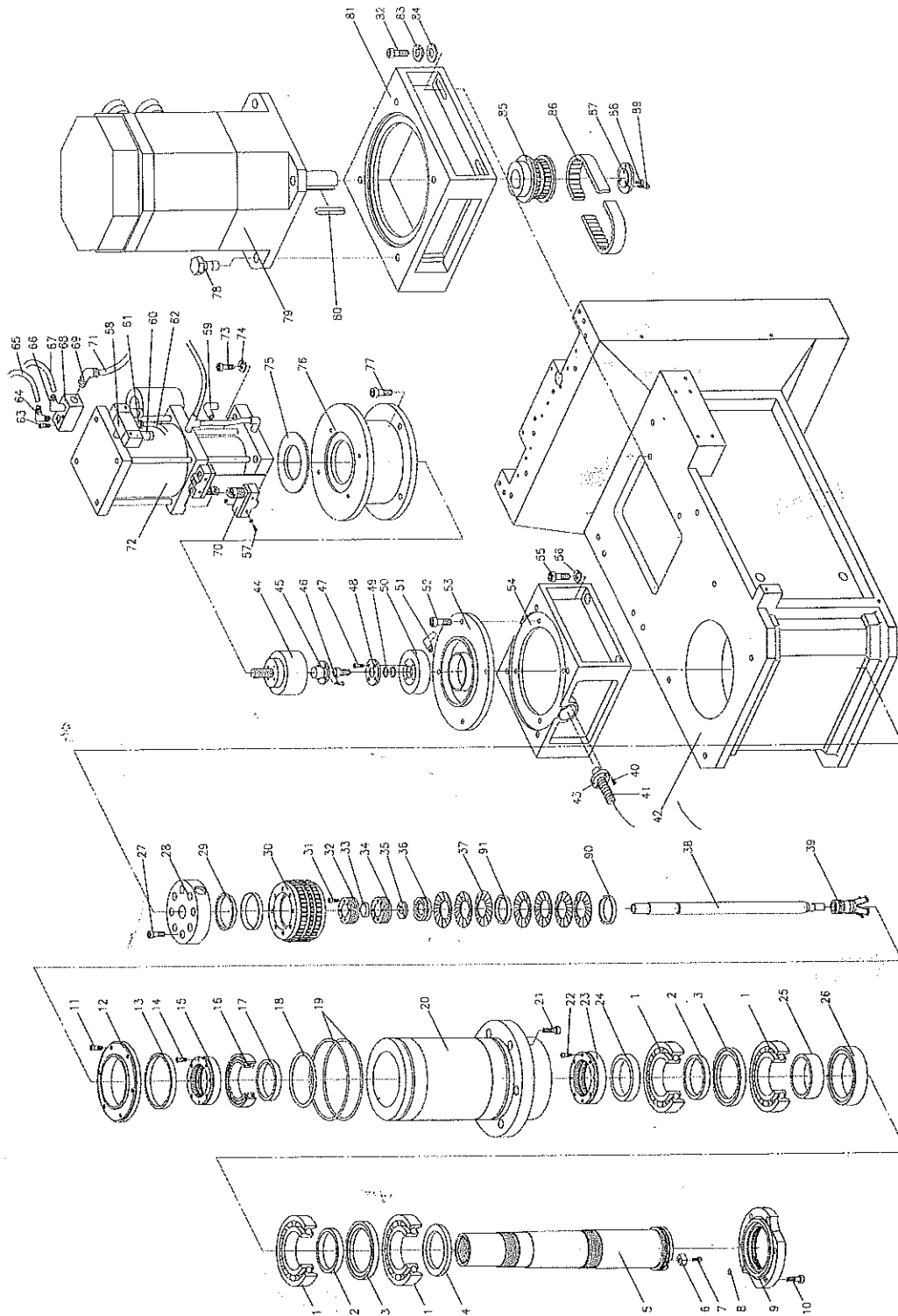
PARTS LIST

MCV-600/800/1000 BASIC MACHINE

8. SPINDLE 4,000/8,000 rpm (COOLANT THROUGH SPINDLE SYSTEM)					Note
Parts No.		Pc	Description		
1		4	BEARING	軸承	65BNR10S
2	5541-0103-100	2	SPACER	軸承內短隔圈	
3	5541-0104-100	2	SPACER	軸承外短隔圈	
4	1000-1122-100	1	SPACER	前壓環	
5	1000-1137-100	1	SPINDLE	主軸	
6	5541-2131-100	2	POSITIONING KEY	刀柄止動鍵	BT 用
	5541-2131-200		POSITONING KEY	刀柄止動鍵	DIN 用
7		2	SCREW	螺絲	M5x16
8		1	O RING	O 形環	P6
9	1000-1201-100	1	BEARING HOLDER	前蓋	
10		12	SCREW	螺絲	M6x35
11		6	SCREW	螺絲	M6x25
12	5541-0110-100	1	BEARING HOLDER	後軸承壓環	
13	5541-0109-100	1	BEARING COLLAR	後軸承外隔圈	
14		4	SCREW	螺絲	M5x16
15	1000-1146-100	1	BEARING NUT	軸承螺帽	
16		1	BEARING	軸承	NN3012
17	5541-7860-100	1	BEARING INNER SPACER	軸承內隔圈	
18		1	O RING	O 形環	G100
19	1000-1077-100	2	O RING	O 形環	P130
20	1000-1138-100	1	SPINDLE FLANGE	主軸套筒	
21		6	SCREW	螺絲	M8x25
22		4	SCREW	螺絲	M5x16
23	1000-1145-100	1	BEARING NUT	軸承螺帽	
24	5541-0107-100	1	DISTANCE COLLAR	軸承螺帽隔圈	
25	1000-1116-100	1	SPACER	軸承內長隔圈	
26	1000-1115-100	1	SPACER	軸承外長隔圈	
27		8	SCREW	螺絲	M8x40
28	5541-0111-10	1	PULLY CLAMPER & SENSOR HOLDER	回轉體	FANUC
	5541-0111-200				三菱
29	T-56X64	2	HOLDING RING	迫緊環	TLK300-φ 56xφ 64x12
30	1000-1006-100	1	SPINDLE TIMING	主軸齒帶輪	6000/8000RPM
	5541-2314-300				3000RPM
31		4	SCREW	螺絲	M5x25
32	1000-1144-100	1	DISK SPRING NUT	碟形彈簧螺帽	

8. SPINDLE 4,000/8,000 rpm (COOLANT THROUGH SPINDLE SYSTEM)					Note
Parts No.		Pc	Description		
33	1000-1143-100	1	DISK SPRING NUT	碟形彈簧螺帽	
34		1	BEARING	軸承	MB2015DU
35	5541-2151-100	1	STOP RING	止動環	
36	1000-1142-100	1	CONNECTING LINK BACK SPACER	碟形彈簧壓環	
37	5541-2152-100	84	DISK SPRING	碟形彈簧	φ 40x φ 20.4x2.5t-85
38	1000-1161-100	1	CONNECTING BAR	拉桿	
39	1051-1016-100	1	CHUCKING SLEEVE	拉爪	BT40
	CAT40				
	DIN69871 #40				
	BT40 90 度				
40		2	SCREW	自攻螺絲	M4x10
41	EA06-110C-020	1	ORIENTATE SWITCH	近接開關	
42	1000-1001-100	1	HEAD STOCK	機頭	
43	5541-6518-100	1	SENSOR BASE	檢出器固定板	
44	1200-1026-100	1	PLATE HOLDER DOWN	逼迫座	
45	1060-1008-100	1	C.T.S. CONNECTOR	高壓出水接頭	
46		4	SCREW	螺絲	M4x10
47		4	SCREW	螺絲	M5x20
48	1200-1025-100	1	RING HOLDER	壓環	
49		1 組	HOLDING RING	迫緊環	TLK300- φ 17x φ 21x6.3
50	1200-1024-100	1	SLIDING HOLDER	固定塊	
51	5541-3324-100	1	90 CONNECTOR	90 接頭	
52		4	SCREW	螺絲	M10x40
53	1200-1022-100	1	SPACER	防塵座	
54	1200-1027-100	1	CLAMPER & SENSOR BASE	退刀氣缸座	
55		4	SCREW	螺絲	M10x25
56		4	SPRING WASHER	彈簧墊圈	φ 10
57		2	SCREW	螺絲	M4x30
58		1	MAGNETIC VALVE	配缸閥	IS-520-03
59		1	90 CONNECTOR	90 接頭	1/2"PTx1/4"H
60		2	AIR NOISE ELIMINATOR	消音器	5541-3208-200
61	5541-3311-100	1	JOINT	快速接頭	
62		1	PU PIPE	PU 管	φ 10x φ 6.5x3800L

8. SPINDLE 4,000/8,000 rpm (COOLANT THROUGH SPINDLE SYSTEM)					Note
Parts No.		Pc	Description		
63		2	SCREW	螺絲	M5x55
64	5541-3262-100	1	ONE TOUCH	接頭	
65		1	PU PIPE	PU 管	φ 8x φ 5x3800L
66		1	90 CONNECTOR	90 ° 接頭	1/4PTx1/4H
67	1500-2206-100	1	AIR PIPE	中壓管	
68	1000-1204-100	1	VALVE	梭動閥	
69		1	90 CONNECTOR	90 ° 接頭	1/4PTx3/8H
70		2	LIMIT SWITCH	極限開關	SHL-Q2155
71	1500-2115-100	1	AIR PIPE	中壓管	
72	1200-1157-400	1	UNCLAMP CYLINDER	退刀氣缸	
73		8	SCREW	螺絲	M8x45
74		8	SPRING WASHER	彈簧墊圈	φ 8
75	1200-1028-100	1	WASHER	墊圈	
76	1200-1023-100	1	FLANGE	氣壓缸座	
77		4	SCREW	螺絲	M10x40
78		4	SCREW	外六角螺絲	M14x30
79		1	SPINDLE MOTOR	主軸馬達	
80		1	KEY	鍵	10x8x70
81	5541-2301-100	1	MOTOR FIXING BLOCK	主軸馬達架	α 6/α 8
	1000-1002-100				α 12
	1000-1045-100				海德漢/西門子
	1000-1070-100				海德漢/西門子
82		4	SCREW	螺絲	M10x40
83		4	SPRING WASHER	彈簧墊圈	φ 10
84		4	WASHER	華司	φ 10
85	1000-1029-100	1	TIMING PULLEY	馬達齒帶輪	4000RPM(α 6-%32 有鍵)
	5MC-2315-300				4000RPM(α 8-%48 有鍵)
	5541-2315-400				4000RPM(%38 有鍵)
	1200-1159-100				4000RPM(%42 有鍵)
	1000-1149-100		TIMING PULLEY	馬達齒帶輪	8000RPM(α 6-%32 有鍵)
	1000-1150-100				8000RPM(α 8 以上 -%48 有鍵)



SPINDLE 4,000/8,000 rpm(COOLANT THROUGH SPINDLE SYSTEM)

**FIRST**

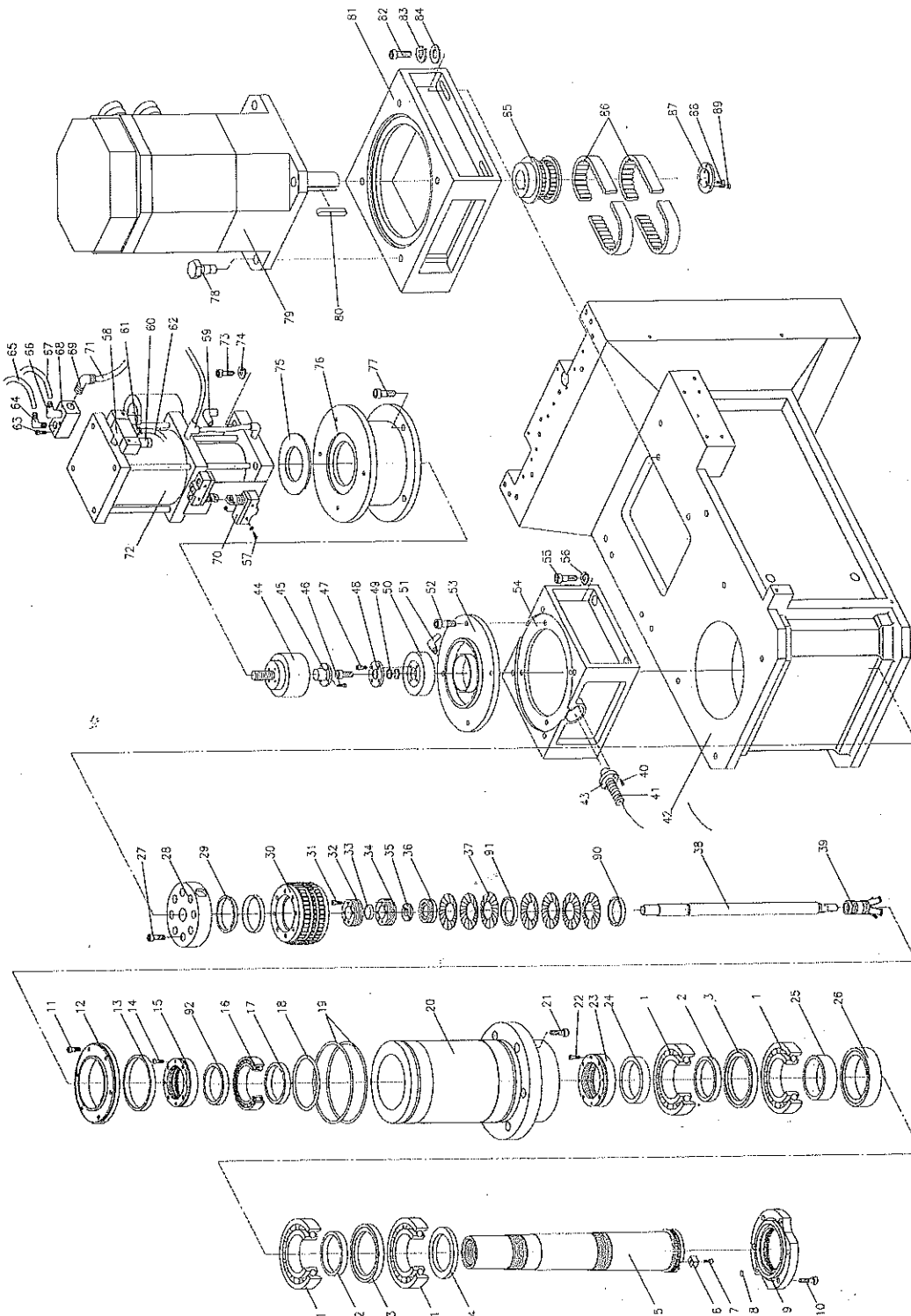
PARTS LIST

MCV-600/800/1000 BASIC MACHINE

9. SPINDLE 10,000rpm(COOLANT THROUGH SPINDLE SYSTEM)					Note
Parts No.		Pc	Description		
35	5541-2151-100	1	STOP RING	止動環	
36	1000-1142-100	1	CONNECTING LINK BACK SPACER	碟形彈簧壓環	
37	5541-2152-100	84	DISK SPRING	碟形彈簧	φ 40x φ 20.4x2.5t-85
38	1000-1161-100	1	CONNECTING BAR	拉桿	
39	1051-1016-100	1	CHUCKING SLEEVE	拉爪	BT40
	1051-1016-200				CAT40
	1051-1016-300				DIN69871 #40
	1051-1016-400				BT40 90 度
40		2	SCREW	自攻螺絲	M4x10
41	EA06-110C-020	1	ORIENTATE SWITCH	近接開關	
42	1000-1001-100	1	HEAD STOCK	機頭	
43	5541-6518-100	1	SENSOR BASE	檢出器固定板	
44	1200-1026-100	1	PLATE HOLDER DOWN	逼迫座	
45	1060-1008-100	1	C.T.S. CONNECTOR	高壓出水接頭	
46		4	SCREW	螺絲	M4x10
47		4	SCREW	螺絲	M5x20
48	1200-1025-100	1	RING HOLDER	壓環	
49		1 組	HOLDING RING	迫緊環	TLK300- φ 17x φ 21x6.3
50	1200-1024-100	1	SLIDING HOLDER	固定塊	
51	5541-3324-100	1	90 CONNECTOR	90 接頭	
52		4	SCREW	螺絲	M10x40
53	1200-1022-100	1	SPACER	防塵座	
54	1200-1027-100	1	CLAMPER & SENSOR BASE	退刀氣缸座	
55		4	SCREW	螺絲	M10x25
56		4	SPRING WASHER	彈簧墊圈	φ 10
57		2	SCREW	螺絲	M4x30
58		1	MAGNETIC VALVE	配缸閥	IS-520-03
59		1	90 CONNECTOR	90 接頭	1/2"PTx1/4"H
60		2	AIR NOISE ELIMINATOR	消音器	5541-3208-200
61	5541-3311-100	1	JOINT	快速接頭	
62		1	PU PIPE	PU 管	φ 10x φ 6.5x3800L
63		2	SCREW	螺絲	M5x55
64	5541-3262-100	1	ONE TOUCH	接頭	
65		1	PU PIPE	PU 管	φ 8x φ 5x3800L

9. SPINDLE 10,000rpm(COOLANT THROUGH SPINDLE SYSTEM)					Note
Parts No.		Pc	Description		
66		1	90 CONNECTOR	90 ° 接頭	1/4PTx1/4H
67	1500-2206-100	1	AIR PIPE	中壓管	
68	1000-1204-100	1	VALVE	梭動閥	
69		1	90 CONNECTOR	90 ° 接頭	1/4PTx3/8H
70		2	LIMIT SWITCH	極限開關	SHL-Q2155
71	1500-2115-100	1	AIR PIPE	中壓管	
72	1200-1157-400	1	UNCLAMP CYLINDER	退刀氣缸	
73		8	SCREW	螺絲	M8x45
74		8	SPRING WASHER	彈簧墊圈	φ 8
75	1200-1028-100	1	WASHER	墊圈	
76	1200-1023-100	1	FLANGE	氣壓缸座	
77		4	SCREW	螺絲	M10x40
78		4	SCREW	外六角螺絲	M14x30
79		1	SPINDLE MOTOR	主軸馬達	
80		1	KEY	鍵	10x8x70
81	5541-2301-100	1	MOTOR FIXING BLOCK	主軸馬達架	α 6/ α 8
	1000-1002-100				α 12
	1000-1045-100				海德漢/西門子
	1000-1070-100				海德漢/西門子
82		4	SCREW	螺絲	M10x40
83		4	SPRING WASHER	彈簧墊圈	φ 10
84		4	WASHER	華司	φ 10
85	1051-1052-100	1	TIMING PULLEY	馬達齒帶輪	(1:1)(%32 有鍵)
	4800-1005-100				(10:8)(%32 有鍵)
	1000-1151-100				(1:1) (%48 有鍵)
	1000-1107-100				(10:8) (%48 有鍵)
	1000-1157-100				(10:8) (%55 有鍵)
	1000-1155-100				(1:1) (%38 有鍵)
	1000-1159-100				(10:8) (%38 有鍵)
	1000-1153-100				(10:8) (%42 有鍵)
86	1060-1013-200	1	TIMING BELT	齒形皮帶(10:8)	(935-5GT-17)(1 組 2 條)
	1000-1031-100			齒形皮帶(1:1)	895-5GT-17(兩條成一組)
87	5541-2307-100				α 6(%32 用)
	5541-2307-300				α 8(%48 用)
	1000-1179-100				α 12 (%48 用)

9. SPINDLE 10,000rpm(COOLANT THROUGH SPINDLE SYSTEM)					Note
Parts No.	Pc	Description			
1000-1058-100	1	COLLAR	帶輪固定環		(%38 用)
1000-1064-100					(%38 用)
1000-1072-100					(%42 用)
1000-1197-100					(%42 用)
88	3	SCREW	螺絲		M5x16
89	3	SCREW	螺絲		M5x16
90	1	WASHER	墊圈		
91	6	WASHER	墊圈		
92	1	BEARING COLLAR	軸承內隔圈		

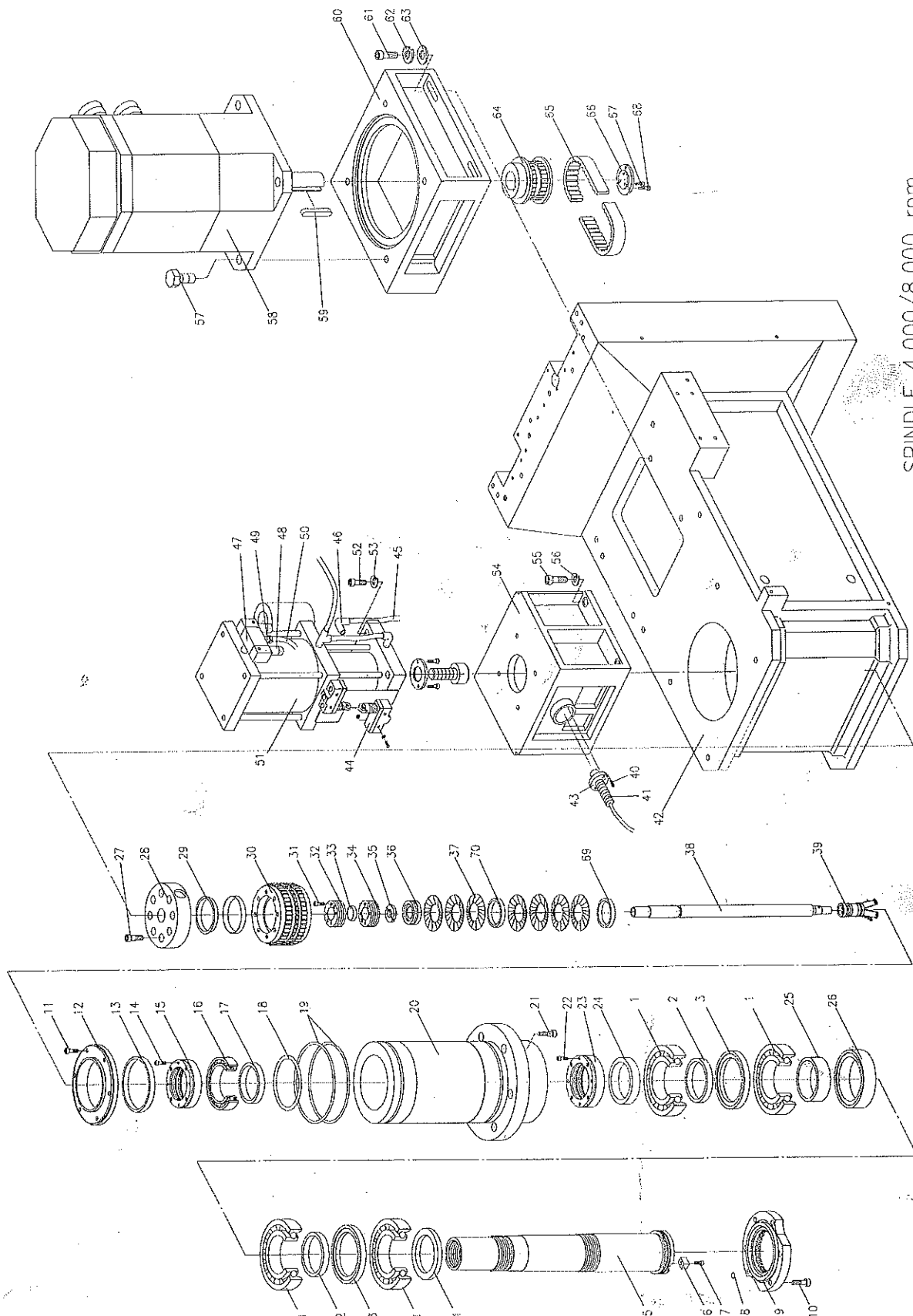


SPINDLE 10000 rpm(COOLANT THROUGH SPINDLE SYSTEM)

10. SPINDLE 4,000/8,000 rpm					Note
Parts No.		Pc	Description		
1		4	BEARING	軸承	65BNR10S
2	5541-0103-100	2	SPACER	軸承內短隔圈	
3	5541-0104-100	2	SPACER	軸承外短隔圈	
4	1000-1122-100	1	SPACER	前壓環	
5	1000-1137-100	1	SPINDLE	主軸	
6	5541-2131-100	2	POSITIONING KEY	刀柄止動鍵	BT 用
	5541-2131-200				DIN 用
7		2	SCREW	螺絲	M5x16
8		1	O RING	O 形環	P6
9	1000-1201-100	1	BEARING HOLDER	前蓋	
10		12	SCREW	螺絲	M6x35
11		6	SCREW	螺絲	M6x25
12	5541-0110-100	1	BEARING HOLDER	後軸承壓環	
13	5541-0109-100	1	BEARING COLLAR	後軸承外隔圈	
14		4	SCREW	螺絲	M5x16
15	1000-1146-100	1	BEARING NUT	軸承螺帽	
16		1	BEARING	軸承	NN3012
17	5541-7860-100	1	BEARING INNER SPACER	軸承內隔圈	
18		1	O RING	O 形環	G100
19	1000-1077-100	2	O RING	O 形環	P130
20	1000-1138-100	1	SPINDLE FLANGE	主軸套筒	
21		6	SCREW	螺絲	M8x25
22		4	SCREW	螺絲	M5x16
23	1000-1145-100	1	BEARING NUT	軸承螺帽	
24	5541-0107-100	1	DISTANCE COLLAR	軸承螺帽隔圈	
25	1000-1116-100	1	SPACER	軸承內長隔圈	
26	1000-1115-100	1	SPACER	軸承外長隔圈	
27		8	SCREW	螺絲	M8x40
28	5541-0111-100	1	PULLEY CLAMPER & SENSOR HOLDER	回轉體	FANUC
	5541-0111-200				三菱
29	T-56X64	2	HOLDING RING	迫緊環	TLK300-φ 56x φ 64x12
30	1000-1006-100	1	SPINDLE TIMING	主軸齒帶輪	6000/8000RPM
	5541-2314-300				3000RPM
31		4	SCREW	螺絲	M5x25
32	1000-1144-100	1	DISK SPRING NUT	碟形彈簧螺帽	
33	1000-1143-100	1	DISK SPRING NUT	碟形彈簧螺帽	

10. SPINDLE 4,000/8,000 rpm					Note
Parts No.		Pc	Description		
34		1	BEARING	軸承	MB2015DU
35	5541-2151-100	1	STOP RING	止動環	
36	1000-1142-100	1	CONNECTING LINK BACK SPACER	碟形彈簧壓環	
37	5541-2152-100	84	DISK SPRING	碟形彈簧	φ 40x φ 20.4x2.5t-85
38	1000-1141-100	1	CONNECTING BAR	拉桿	
39	1051-1016-100	1	CHUCKING SLEEVE	拉爪	BT40
	1051-1016-200				CAT40
	1051-1016-300				DIN69871 #40
	1051-1016-400				BT40 90 度
40		2	SCREW	自攻螺絲	M4x10
41	EA06-110C-020	1	SENSOR	近接開關	
42	1000-1001-100	1	HEAD STOCK	機頭	
43	5541-6518-100	1	SENSOR BASE	檢出器固定板	
44	SHL-Q2155	2	LIMIT SWITCH	極限開關	
45		1	PU PIPE	PU 管	φ 8x φ 5x3800L
46	5541-3324-100	1	90 CONNECTOR	90 ° 接頭	
47	IS-520-03	1	MAGNETIC VALVE	配缸閥	
48	5541-3208-200	2	AIR NOISE ELIMINATOR	消音器	
49	5541-3311-100	1	ONE TOUCH	快速接頭	
50		1	PU PIPE	PU 管	φ 10x φ 6.5x3800L
51	1200-1157-400	1	UNCLAMP CYLINDER	倍力氣缸	
52		4	SCREW	螺絲	M8x45
53		4	SPRING WASHER	彈簧墊圈	φ 8
54	1200-1009-100	1	CLAMPER & SENSOR BASE	退刀氣缸座	
55		4	SCREW	螺絲	M10x25
56		4	SPRING WASHER	彈簧墊圈	φ 10
57		4	SCREW	外六角螺絲	M14x30
58		1	SPINDLE MOTOR	主軸馬達	
59		1	KEY	鍵	10x8x70
60	5541-2301-100	1	MOTOR FIXING BLOCK	主軸馬達架	α 6/ α 8
	1000-1002-100				α 12
	1000-1045-100				海德漢/西門子
	1000-1070-100				海德漢/西門子
61		4	SCREW	螺絲	M10x40

10. SPINDLE 4,000/8,000 rpm					Note
Parts No.		Pc	Description		
62		4	SPRING WASHER	彈簧墊圈	§ 10
63		4	WASHER	華司	§ 10
64	1000-1029-100	1	TIMING PULLEY	馬達齒帶輪	4000RPM(α 6-%32 有鍵)
	5MC-2315-300				4000RPM(α 8-%48 有鍵)
	5541-2315-400				4000RPM(%38 有鍵)
	1200-1159-100				4000RPM(%42 有鍵)
	1000-1149-100		TIMING PULLEY	馬達齒帶輪	8000RPM(α 6-%32 有鍵)
	1000-1150-100				8000RPM (α 8 以上 -%48 有鍵)
	1300-1025-100				8000RPM (α P22 以上-%55 有鍵)
	1000-1154-100				8000RPM(%38 有鍵) 海德漢用 10HP 以下
	1000-1156-100				8000RPM 海德漢/西門子 用 15HP 以上(%42 有鍵)
65	TB-880-8M-40	1	TIMING BELT	齒形皮帶	880-8M-40(4000RPM)
	1000-1009-100				2-880-8YU-17
66	5541-2307-100	1	COLLAR	帶輪固定環	α 6(%32 用)
	5541-2307-300				α 8(%48 用)
	1000-1179-100				α 12 (%48 用)
	1000-1058-100				(%38 用)
	1000-1064-100				(%38 用)
	1000-1072-100				(%42 用)
	1000-1197-100				(%42 用)
67		3	SCREW	螺絲	M5x16
68		3	SCREW	螺絲	M5x16
69	1051-1012-100	1	WASHER	墊圈	
70	1000-1034-100	6	WASHER	墊圈	



SPINDLE 4,000/8,000 rpm

11. SPINDLE 10,000rpm					Note
Parts No.	Pc	Description			
1		4	BEARING	軸承	65BNR10S
2	5541-0103-100	2	SPACER	軸承內短隔圈	
3	5541-0104-100	2	SPACER	軸承外短隔圈	
4	1000-1122-100	1	SPACER	前壓環	
5	1000-1137-100	1	SPINDLE	主軸	
6	5541-2131-100	2	POSITONING KEY	刀柄止動鍵	BT 用
	5541-2131-200			DIN 用	
7		2	SCREW	螺絲	M5x16
8		1	O RING	O 形環	P6
9	1000-1201-100	1	BEARING HOLDER	前蓋	
10		12	SCREW	螺絲	M6x35
11		6	SCREW	螺絲	M6x25
12	5541-0110-100	1	BEARING HOLDER	後軸承壓環	
13	5541-0142-100	1	BEARING COLLAR	後軸承外隔圈	
14		4	SCREW	螺絲	M5x16
15	1000-1146-100	1	BEARING NUT	軸承螺帽	
16		1	BEARING	軸承	N1012
17	5541-7860-100	1	BEARING INNER SPACER	軸承內隔圈	
18		1	O RING	O 形環	G100
19	1000-1077-100	2	O RING	O 形環	P130
20	1000-1138-100	1	SPINDLE FLANGE	主軸套筒	
21		6	SCREW	螺絲	M8x25
22		4	SCREW	螺絲	M5x16
23	1000-1145-100	1	BEARING NUT	軸承螺帽	
24	5541-0107-100	1	DISTANCE COLLAR	軸承螺帽隔圈	
25	1000-1116-100	1	SPACER	軸承內長隔圈	
26	1000-1115-100	1	SPACER	軸承外長隔圈	
27		8	SCREW	螺絲	M8x40
28	5541-0111-100	1	PULLY CLAMPER & SENSOR HOLDER	回轉體	FANUC
	5541-0111-200			三菱	
29	T-56X64	2	HOLDING RING	迫緊環	TLK300- ϕ 56x ϕ 64x12
30	1000-1024-100	1	SPINDLE TIMING	主軸齒帶輪	10000RPM
31		4	SCREW	螺絲	M5x25
32	1000-1144-100	1	DISK SPRING NUT	碟形彈簧螺帽	
33	1000-1143-100	1	DISK SPRING NUT	碟形彈簧螺帽	
34		1	BEARING	軸承	MB2015DU

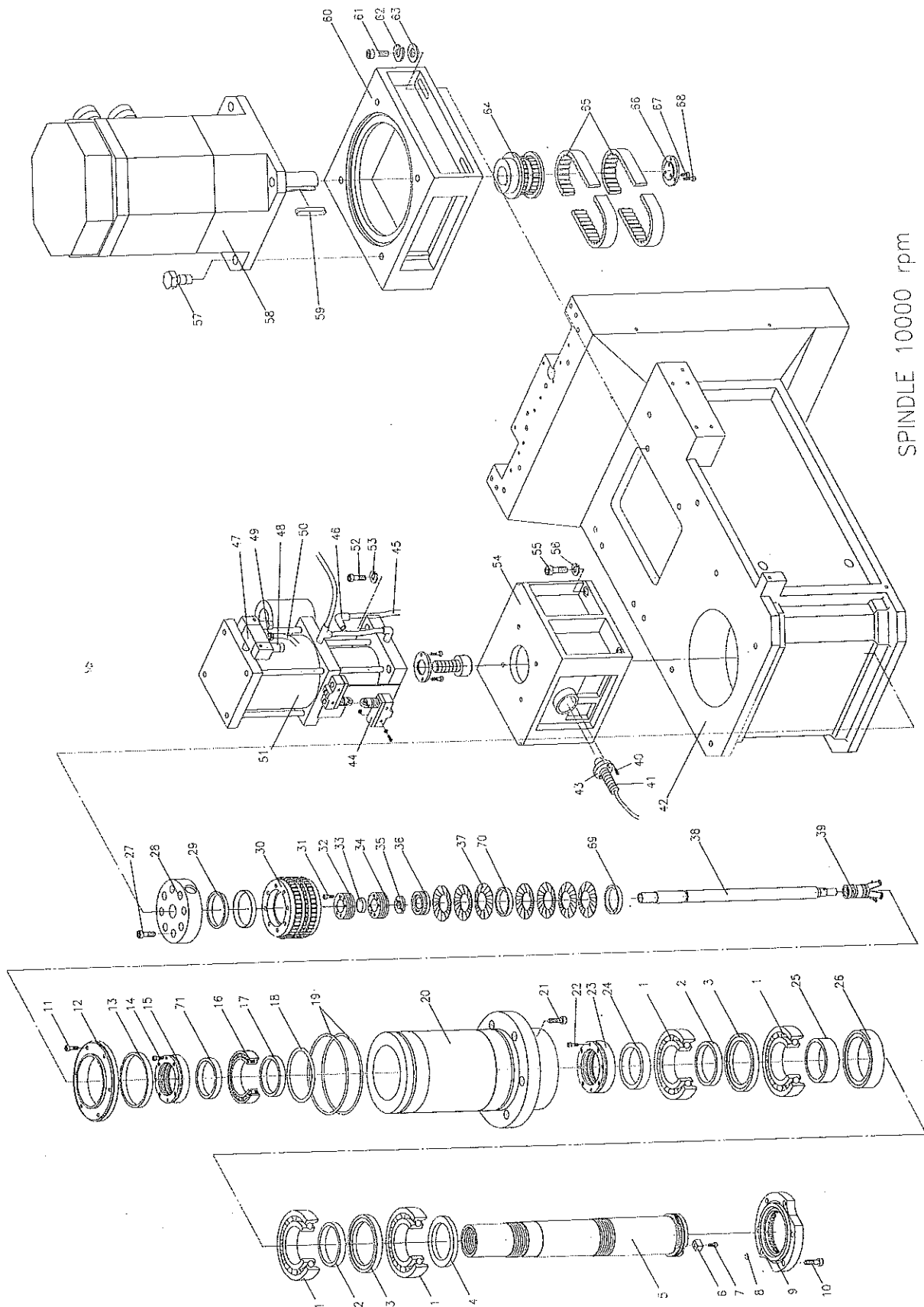
11. SPINDLE 10,000rpm					Note
Parts No.		Pc	Description		
35	5541-2151-100	1	STOP RING	止動環	
36	1000-1142-100	1	CONNECTING LINK BACK SPACER	碟形彈簧壓環	
37	5541-2152-100	84	DISK SPRING	碟形彈簧	φ 40x φ 20.4x2.5t-85
38	1000-1141-100	1	CONNECTING BAR	拉桿	
39	1051-1016-100	1	CHUCKING SLEEVE	拉爪	BT40
	1051-1016-200				CAT40
	1051-1016-300				DIN69871 #40
	1051-1016-400				BT40 90 度
40		2	SCREW	自攻螺絲	M4x10
41	EA06-110C-020	1	SENSOR	近接開關	
42	1000-1001-100	1	HEAD STOCK	機頭	
43	5541-6518-100	1	SENSOR BASE	檢出器固定板	
44	SHL-Q2155	2	LIMIT SWITCH	極限開關	
45		1	PU PIPE	PU 管	φ 8x φ 5x3800L
46	5541-3324-100	1	90 CONNECTOR	90 ° 接頭	
47	IS-520-03	1	MAGNETIC VALVE	配缸閥	
48	5541-3208-200	2	AIR NOISE ELIMINATOR	消音器	
49	5541-3311-100	1	ONE TOUCH	快速接頭	
50		1	PU PIPE	PU 管	φ 10x φ 6.5x3800L
51	1200-1157-400	1	UNCLAMP CYLINDER	倍力氣缸	
52		4	SCREW	螺絲	M8x45
53		4	SPRING WASHER	彈簧墊圈	φ 8
54	1200-1009-100	1	CLAMPER & SENSOR BASE	退刀氣缸座	
55		4	SCREW	螺絲	M10x25
56		4	SPRING WASHER	彈簧墊圈	φ 10
57		4	SCREW	外六角螺絲	M14x30
58		1	SPINDLE MOTOR	主軸馬達	
59		1	KEY	鍵	10x8x70
60	5541-2301-100	1	MOTOR FIXING BLOCK	主軸馬達架	α 6/ α 8
	1000-1002-100				α 12
	1000-1045-100				海德漢/西門子
	1000-1070-100				海德漢/西門子
61		4	SCREW	螺絲	M10x40
62		4	SPRING WASHER	彈簧墊圈	φ 10

11. SPINDLE 10,000rpm					Note
Parts No.		Pc	Description		
63		4	WASHER	華司	φ 10
64	1051-1052-100	1	TIMING PULLEY	馬達齒帶輪	(1:1)(%32 有鍵)
	4800-1005-100				(10:8)(%32 有鍵)
	1000-1151-100				(1:1) (%48 有鍵)
	1000-1107-100				(10:8) (%48 有鍵)
	1000-1157-100				(10:8) (%55 有鍵)
	1000-1155-100				(1:1) (%38 有鍵)
	1000-1159-100				(10:8) (%38 有鍵)
	1000-1153-100				(10:8) (%42 有鍵)
65	1060-1013-200	1	TIMING BELT	齒形皮帶(10:8)	(935-5GT-17)(1 組 2 條)
	1000-1031-100			齒形皮帶(1:1)	895-5GT-17(兩條成一組)
66	5541-2307-100	1	COLLAR	帶輪固定環	α 6(%32 用)
	5541-2307-300				α 8(%48 用)
	1000-1179-100				α 12 (%48 用)
	1000-1058-100				(%38 用)
	1000-1064-100				(%38 用)
	1000-1072-100				(%42 用)
	1000-1197-100				(%42 用)
67		3	SCREW	螺絲	M5x16
68		3	SCREW	螺絲	M5x16
69	1051-1012-100	1	WASHER	墊圈	
70	1000-1034-100	6	WASHER	墊圈	
71	5541-0143-100	1	BEARING COLLAR	軸承內隔圈	



PARTS LIST

MCV-600/800/1000 BASIC MACHINE





PARTS LIST

MCV-600/800/1000 BASIC MACHINE

12. AIR & LUBRICANT DEVICE					Note
Parts No.		Pc	Description		
1	1000-C250	1	COLUMN SIDE COVER	立柱左蓋板	
2		6	SCREW	螺絲	M12x20
3		1	ONE TOUCH	快速接頭	40PM
4	5541-8150-100	1	AIR UNIT SET	三點組合組	
5		2	SCREW	螺絲	M6x20
6		4	SCREW	螺絲	M6x12
7	5MC-2630	1	LUBRICATION PUMP	給油幫浦	5541-2631-400
8	5541-8180-100	1	ADJUSTABLE PRESSURE VALVE	調壓閥組	24 支刀用
9					

AIR & LUBRICANT DEVICE

