



**SHING LING®**  
星菱牌工業用縫紉機  
INDUSTRIAL SEWING MACHINE



## SL-1790 Series

高速電子平頭鎖眼機

Computer-controlled High-speed  
Lockstitch Buttonholing Machine



## 零件手冊 Spare Parts Book



星菱縫機股份有限公司  
SHING LING SEWING MACHINE CO., LTD.

CE ISO 9001/CNS 12681



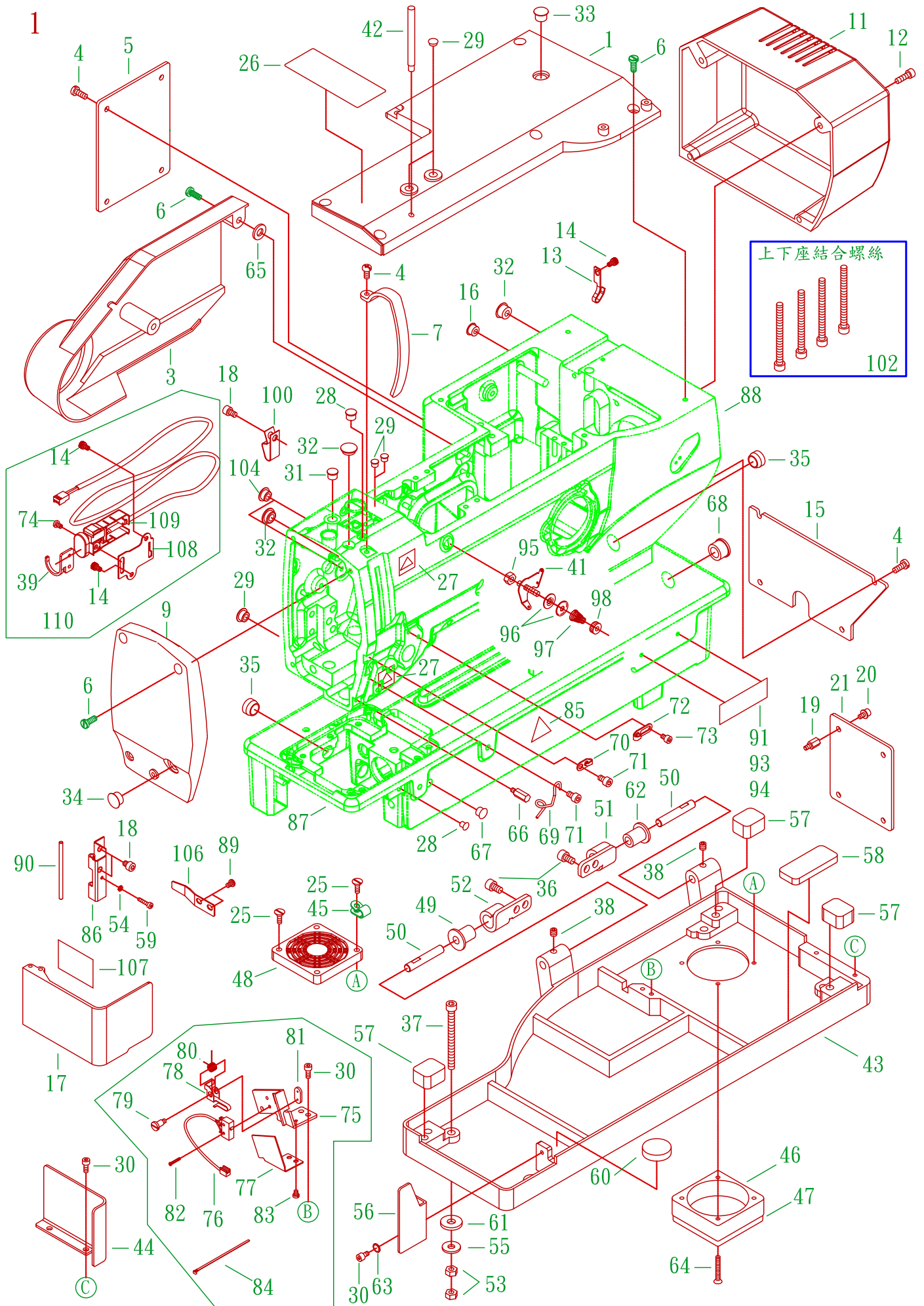




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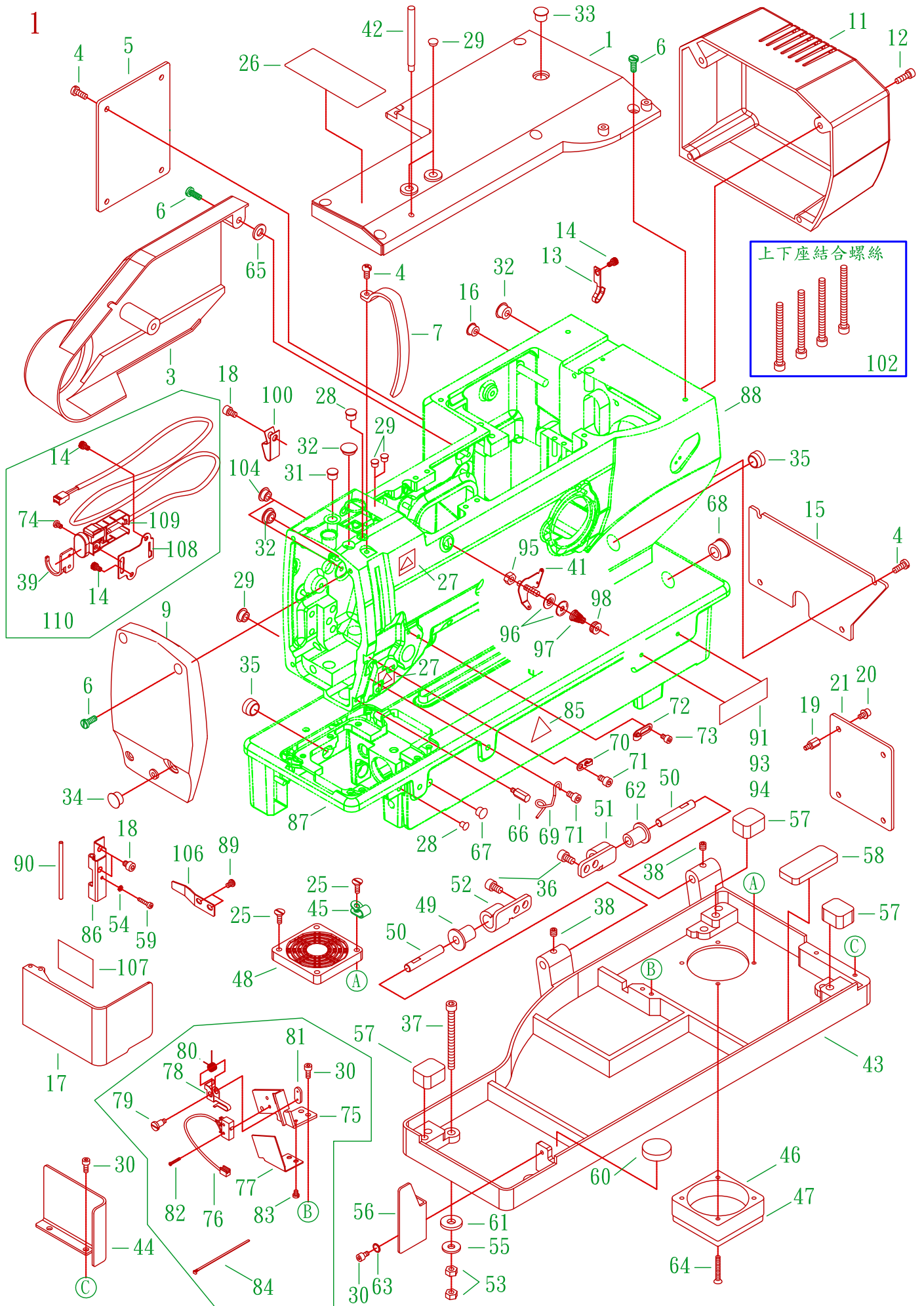
## FRAME &amp; MISCELLANEOUS COVER COMPONENTS (1)

## 頭部、外裝關係(1)

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	P0101	Top Cover	上蓋	1
2				
3	P0103	Rear Cover	後蓋	1
4	L0434	Screw(M5-0.8*10)	螺絲	8
5	P0105	Rear Cover	後蓋	1
6	SV256	Screw(M5-0.8*13)	螺絲	8
7	P0107	Needle Bar Guard	針柱護罩	1
8				
9	P0109	Head Cover	上側蓋	1
10				
11	P0111	Motor Cover	馬達蓋子	1
12	SV253	Screw(M5-0.8*16)	螺絲	4
13	P0113	Fitting clamp	夾線片	1
14	SF222	Screw(M4-0.7*6)	螺絲	4
15	P0115	Rear Cover	背蓋	1
16	RF06-1	Head Cover Seal Plug	膠塞	1
17	P0117	Side Cover	側蓋	1
18	SV259	Screw(M5-0.8*6)	螺絲	2
19	P0119	Stud	螺絲	4
20	P0120	Screw(M4-0.7*8)	螺絲	4
21	P0121	INT PCB ASS`y	電子控制面板	1
22				
23				
24				
25	GB18	Screw(M4-0.7*10)	螺絲	2
26	P0126	Safety Label	安全貼紙	1
27	VB42-1	Safety Label	安全貼紙	3
28	P0128	Head Cover Seal Plug	膠塞	2
29	P0129	Head Cover Seal Plug	膠塞	4
30	SF224	Screw(M4-0.7*8)	螺絲	6
31	P0131	Head Cover Seal Plug	膠塞	1
32	P0132	Head Cover Seal Plug	膠塞	3
33	P0133	Head Cover Seal Plug	膠塞	1
34	RF12-1	Head Cover Seal Plug	膠塞	1
35	P0135	Seal Plug	止油封塞	2
36	SV266	Screw(M6-1.0*10)	螺絲	4
37	P0137	Screw(M6-1.0*70)	螺絲	4
38	SV250	Screw(M5-0.8*6)	螺絲	2
39	P0139	Fitting Ring	開關固定片	1
40				
41	P0141	Pre-tension Controller ASM	鬆線控制器	1
42	P0142	Thread Guide Bar	導線桿	1
43	P0143	Oil Reservoir	油槽	1
44	P0144	Rear-bed Cover	隔板	1
45	FL29	Tube Retainer	固定扣	1

\* Ref. No. 46 to 90 . . . . See the following page







**FRAME & MISCELLANEOUS COVER COMPONENTS (1)**

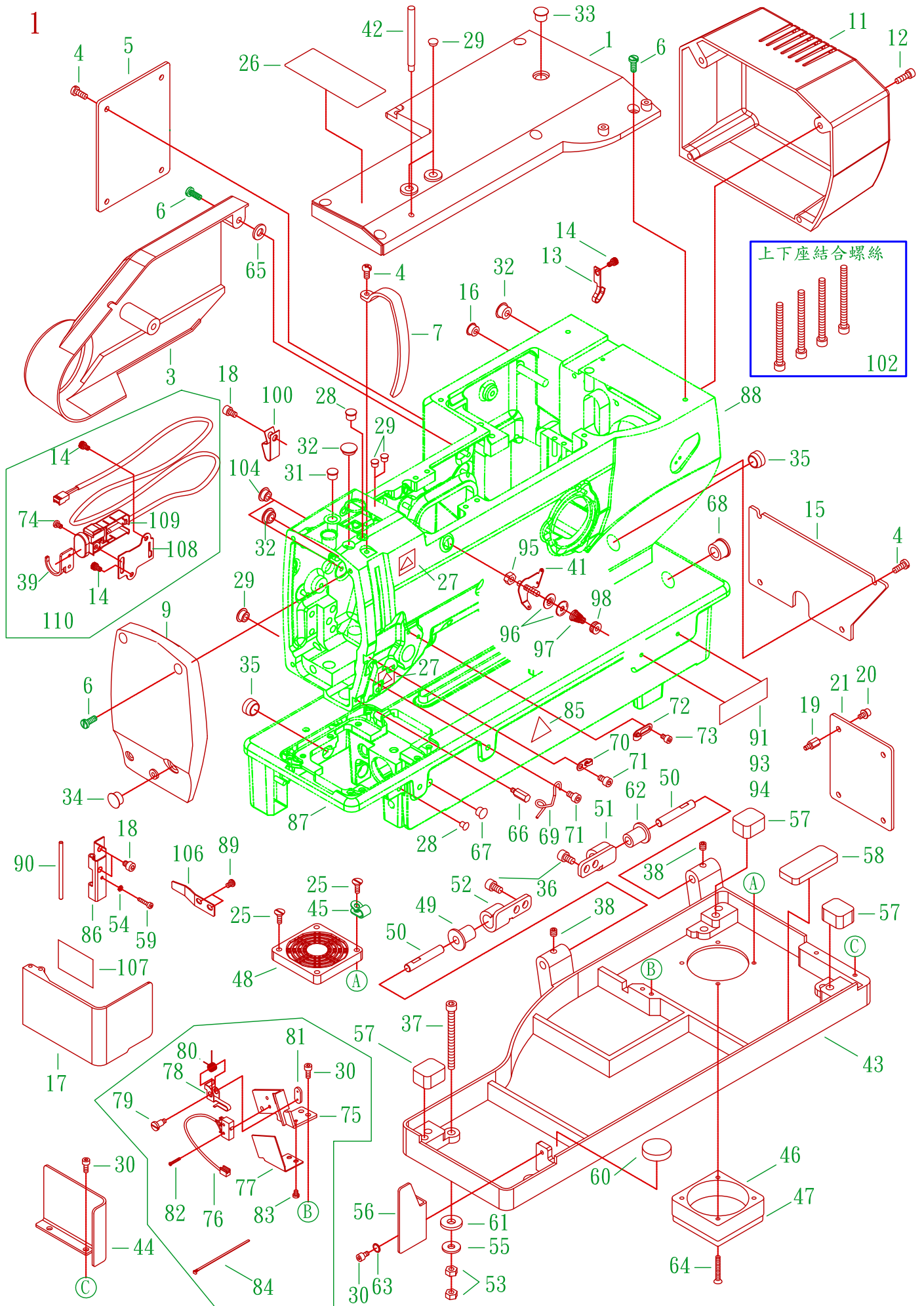
**頭部、外裝關係(1)**

1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
46	P0146A	Head Fan Motor B Ass'y	風扇	1
47	P0147	Filter	過濾網	1
48	P0148	Fan Guard	風扇護罩	1
49	P0149	Hinge Bush	襯套	1
50	P0150	Knock Pin	固定銷	2
51	P0151	Hinge Plate	鉸鏈板材	1
52	P0152	Hinge Plate	鉸鏈板材	1
53	NV13	Nut(M6-1.0 10*5)	螺帽	8
54	37-5	Screw(M3-0.5*2.3)	螺絲	1
55	15-38	Washer(16*6.5*1t)	墊片	4
56	P0156	Oil Shield	擋油板	1
57	P0157	Rubber	橡膠墊	3
58	P0158	Rubber	橡膠墊	1
59	37-7	Screw(M3-0.5*14)	螺絲	1
60	P0160	Rubber	橡膠墊	1
61	P0161	Rubber Cushion	防震橡膠	4
62	P0162	Rubber Cushion	防震橡膠	1
63	WF03	Washer(7*4.2*1t)	墊片	1
64	SV234	Screw(M4-0.7*35)	螺絲	2
65	P0165	Rubber Cushion	防震橡膠	2
66	P0166	Screw(M4-0.7*7)	螺絲	1
67	RF08	Head Cover Seal Plug	膠塞	1
68	K0113	Head Cover Seal Plug	膠塞	1
69	P0169	Needle Bar Thread Guide	線勾	1
70	P0170	Take-up Thread Guide B	線勾	1
71	SV251Ni	Screw(M5-0.8*8)	螺絲	2
72	P0172	Take-up Thread Guide A	線勾	1
73	SF222Ni	Screw ( M4 - 0.7 * 6 )	螺絲	3
74	GJ36	Screw	螺絲	1
75	P0175	Safty Switch Base	安全開關固定座	1
76	P0176	Safety Switch cord Ass'y	安全開關線	1
77	P0177	Safty Switch Cover	安全開關蓋	1
78	P0178	Safty Switch ASM	安全開關	1
79	P0179	Screw(11/64-40*11.9)	螺絲	1
80	P0180	Spring	扭簧	1
81	P0181	Safety Switch Holder	保險開關支架	1
82	P0182	Screw(M2-0.4*12)	螺絲	2
83	SV112	Screw(SM9/64-40*4.5)	螺絲	2
84	H1447	Fixed Belt	鎖式束帶	1
85	P0185	Safety Label	安全貼紙	1
86	P0186	Fitting Bracket	固定支架	1
87	P0187	Machine Frame Unit(Upper)	機殼(下座)	1
88	P0188	Machine Frame Unit(Lower)	機殼(上座)	1
89	SV123	Screw(SM11/64-40*7)	螺絲	1
90	P0190	Knock Pin	固定銷	1

\* Ref. No. 91 to 109 . . . . See the following page





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102

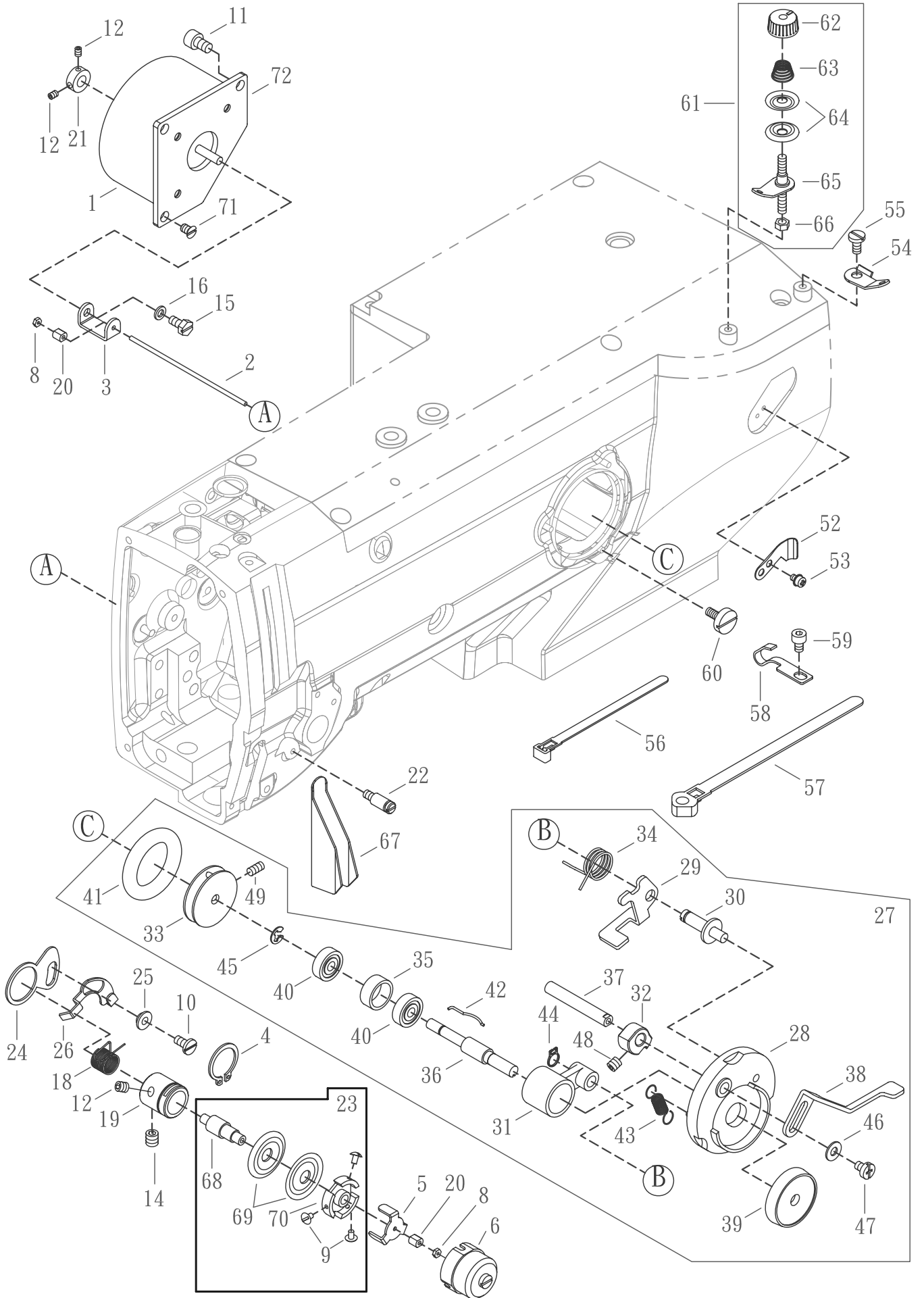
FRAME & MISCELLANEOUS COVER COMPONENTS (1)頭部、外裝關係(1)

1

<u>Ref.</u>	<u>Parts</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Req.</u>
91		Model Plate(See the below)	型號銘牌	1
92		Emblem	銘牌	1
93			機號銘牌70mm	
94			機號銘牌57mm	
95	NF12	Nut(SM11/64-40 8*4)	螺帽	1
96	P0364	Tension Disc	張力過線盤	2
97	P0363	Top Cover Thread Tension Spring	上線張力彈簧	1
98	P0362	Thread Tension Spring Cap	上線張力調整鈕	1
99				
100	P01100	Bracket	固鈕	1
101				
102	P01102	Screw	上下座結合螺絲	4
103				
104	P01104	Head Cover Seal Plug	膠塞	5
105				
106	P01106	Flat Spring	彈簧片	1
107	P01107	Label	貼紙	1
108	P01108	Bracket	急停開關座	1
109	P01109	Switch ASM	煞車開關	1
110	P01109A		煞車開關組	1



3



## FRAME &amp; MISCELLANEOUS COVER COMPONENTS (2)

## 頭部、外裝關係(2)

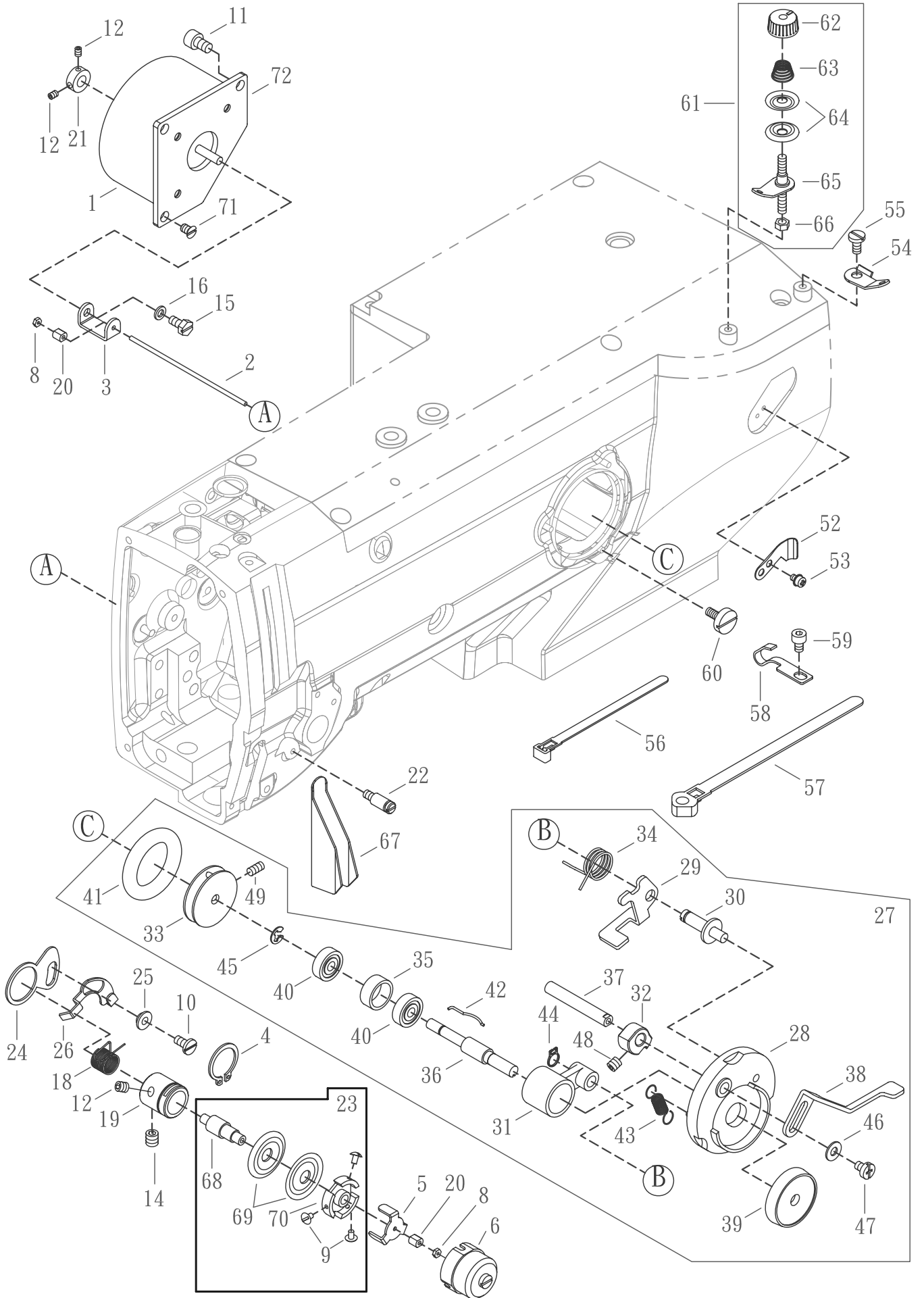
3

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	P0301	AT Solenoid	電磁閥	1
2	P0302	AT Shaft	傳動軸桿	1
3	P0303	Shafter Holder	固定座	1
4	P0304	Retaining Ring	扣環(STW-17)	1
5	P0305	Disk Stopper	固定片	1
6	P0306	Holder Cap	護罩	1
7				
8	P0308	Nut(M2-0.4 4*1.5)	螺帽	2
9	SF205	Screw(M2.6-0.45*5)	螺絲	3
10	SV239-1	Screw(M4-0.7*8)	螺絲	1
11	SV251	Screw(M5-0.8*8)	螺絲	3
12	GE26	Screw(M3-0.5*4)	螺絲	6
13				
14	SF240	Screw(M6-1.0*6)	螺絲	4
15	L0707	Screw(M4-0.7*8)	螺絲	1
16	WF03	Washer(7*4.2*1t)	墊片	1
17				
18	P0318	Spring	扭簧	1
19	P0319-1	Thread Tension Post Base	襯套	1
20	P0320	Nut(M2-0.4 4*5)	螺帽	2
21	P0321	Collar	定位軸環	1
22	P0322	Spring Holding Pin	彈簧掛桿	1
23	P0323	Thread Tension Post Ass'y	鬆線器	1
24	P0324	Guide Plate	導向片	1
25	P0325	Washer	墊片	1
26	P0326-1	Thread Break Dectector	斷線偵測器	1
27	P0327	BTW Complete Set	捲線組(整組)	1
28	P0328	BTW Base	繞線台	1
29	P0329	Lever	槓桿	1
30	P0330	BTW Base Shaft	連結銷	1
31	P0331	Connecting Rod	連桿	1
32	P0332	Collor	定位環	1
33	P0333	BTW Wheel	繞線輪	1
34	P0334	Spring	扭簧	1
35	P0335	BTW Bearing Spacer	軸承隔離圈	1
36	P0336	BTW Shaft	繞線桿	1
37	P0337	BTW Lever shaft	固定銷	1
38	P0338	Lever	調節桿	1
39	P0339	BTW Spacer	膠墊	1
40	P0340	Bearing	軸承	2
41	P0341	BTW Wheel Rubber	橡膠環	1
42	P0342	Spring	彈簧	1
43	P0343	Control Bracket Spring	拉簧	1
44	P0344	Retaining Ring	扣環(ETW-6)	1
45	16-28	Retaining Ring	扣環(ETW-4)	1

\* Ref. No. 46 to 72 . . . . See the following page



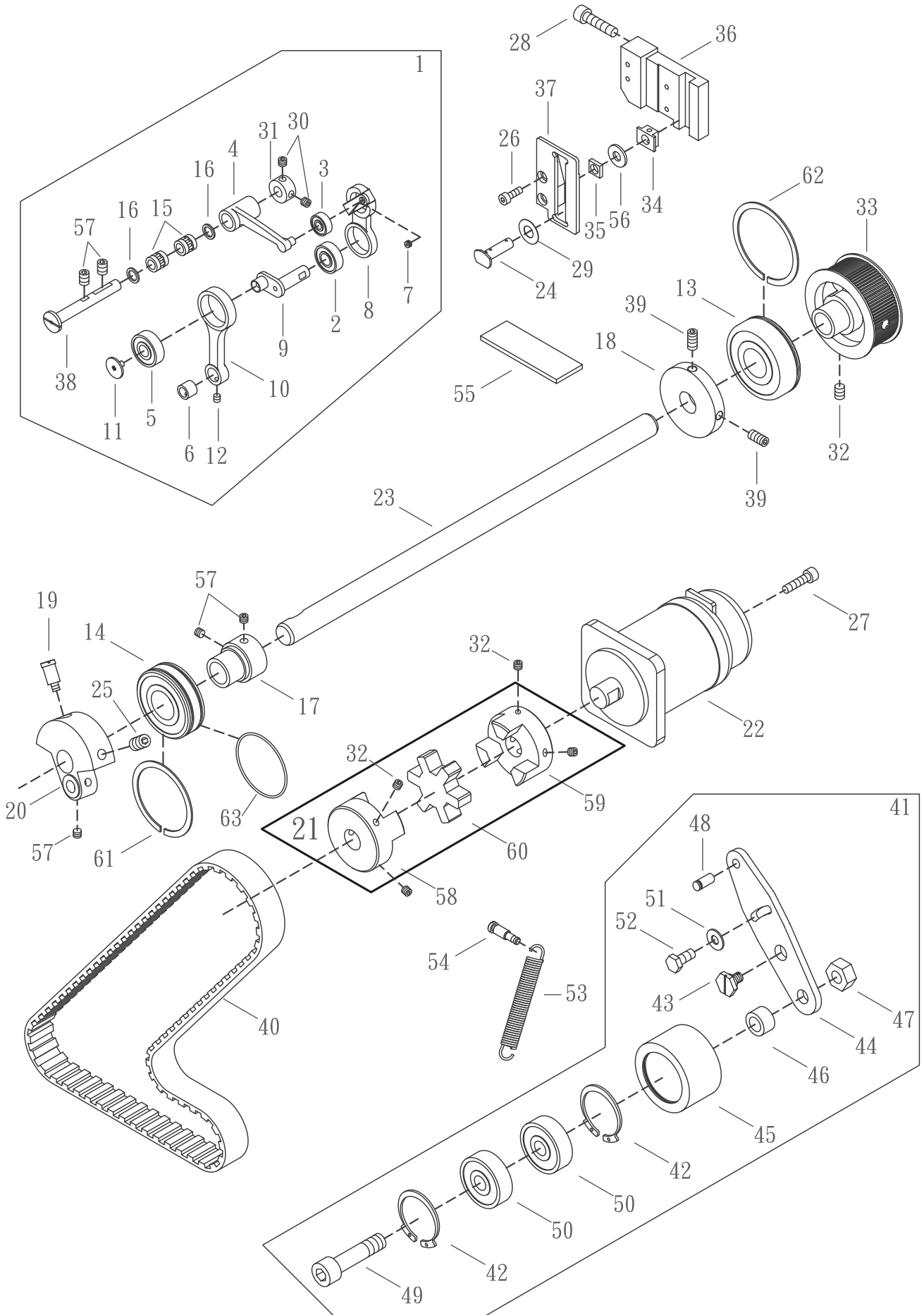
3



FRAME & MISCELLANEOUS COVER COMPONENTS (2) 頭部、外裝關係(2)				3
Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
46	WF04	Washer(10*4.5*1t)	墊片	1
47	P0347	Screw(M4-0.7*6)	螺絲	1
48	SV250	Screw(M5-0.8*5)	螺絲	1
49	P0349	Screw(M4-0.7*6)	螺絲	2
50				
51				
52	P0352	Thread Chain Cutting Knife	割線刀	1
53	SV215Ni	Screw(M3-0.5*5)	螺絲	2
54	P0354	Thread Guide	導線片	1
55	J0408	Screw(SM11/64-40*7)	螺絲	1
56	H1447	Fixed Belt	鎖式束帶	10
57	P0357	Fixed Belt	鎖式束帶	2
58	P0113	Lubriating Oil Wick Stopper	夾線片	3
59	SF222	Screw(M4-0.7*6)	螺絲	3
60	P0360	Screw(M4-0.7*10)	螺絲	3
61	P0361	Thread Tension Set	沙拉組(整組)	1
62	P0362	Thread Tension Spring Cap	上線張力調整鈕	1
63	P0363	Top Cover Thread Tension Spring	上線張力彈簧	1
64	P0364	Tension Disc	張力過線盤	2
65	P0365	Bobbin Thread Tension Rod	繞線鬆緊桿	1
66	NF12	Nut(SM11/64-40 8*4)	螺帽	1
67	P0367	Eyelet Plate	過線板	1
68	P0368	Tension Post	張力支柱	1
69	P0369	Tension Disc	張力過線盤	2
70	P0370	Thread Tension Post Ass`y	鬆線器	1
71	P0371	Screw(M4-0.7*6)	螺絲	3
72	P0372	Solenoid Base	固定座	1

\*Ref. No. 1 to 45 . . . . See the preceding page.





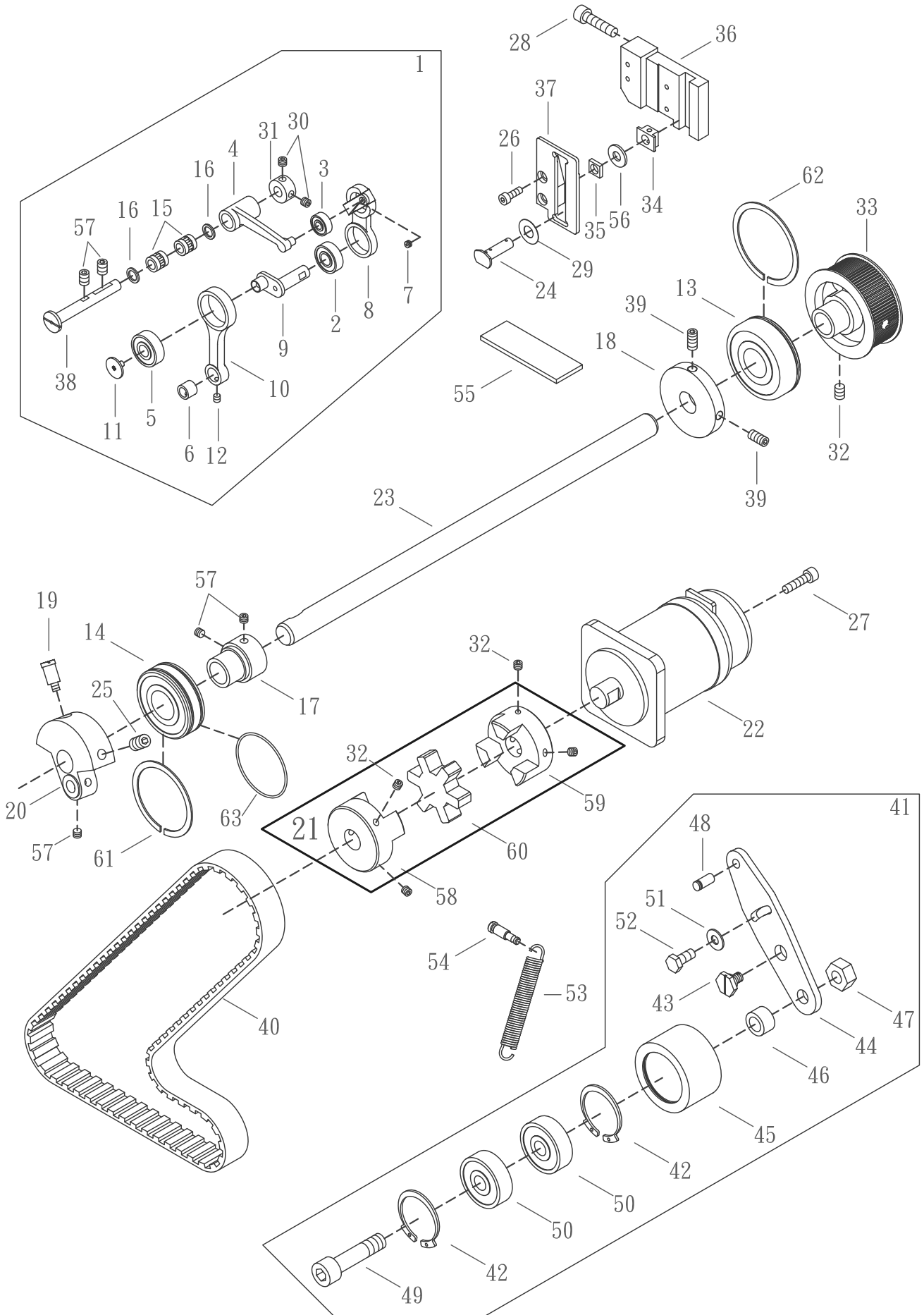
**MAIN SHAFT COMPONENTS**

**上軸關係**

5

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	P0501	Thread Take-up Asm	提線組(整組)	1
2	P0502	Ball Bearing	滾珠培林(698LB)	1
3	P0503	Ball Bearing	滾珠培林(605LB)	1
4	P0504	Connecting Rod	連桿	1
5	P0505	Ball Bearing	滾珠培林(608LB)	1
6	P0506	Collar	軸套	1
7	P0507	Fastener Pin	固定銷	1
8	P0508	Link Take-up	提線連接器	1
9	P0509	Lever	槓桿	1
10	P0510	Link	連接器	1
11	P0511	Screw(SM9/64-40*6)	螺絲	1
12	SF228	Screw(M4-0.7*4)	螺絲	1
13	P0513	Ball Bearing ( φ 52× φ 20)	滾珠培林(6304Z)	1
14	P0514	Ball Bearing( φ 47× φ 20)	滾珠培林(6204-2RZNRA)	1
15	P0515	Roller Bearing	培林	2
16	P0516	Connecting Rod Ring	連桿襯墊	2
17	P0517	Collar	軸套	1
18	P0518	Collor	定位環	1
19	P0519-2	Screw(M8-1.25*16)	螺絲	1
20	P0520	Counterweight	平衡配重凸輪	1
21	P0521	Universal Coupling Set	萬向接頭(整組)	1
22	P0522	Ac Servo Motor	伺服馬達	1
23	P0523-1	Lower Shaft	下傳動軸	1
24	P0524-1	Looper Slide Block Pin	滑動檔銷	1
25	SV275	Screw(M8-1.25*16)	螺絲	1
26	SF226	Screw(M4-0.7*12)	螺絲	2
27	SF237	Screw(M5-0.8*20)	螺絲	4
28	SF243	Screw(M6-1.0*25)	螺絲	3
29	P0529	Washer(13.8*6.53*0.2t)	墊片	1
30	SV250	Screw(M5-0.8*5)	螺絲	2
31	P0531	Collor	定位環	1
32	SF241	Screw(M6-1.0*10)	螺絲	6
33	P0533	Upper Shaft Sprocket(Upper)	上主軸齒形輪(上)	1
34	P0534-1	Square Block	T型塊	1
35	P0535-1	Square Block	方型塊	1
36	P0536	Needle Bar Guide	針柱定位導槽	1
37	P0537	Square Block Guide	針柱定位片	1
38	P0538	Connecting Rod Pin	連桿插銷	1
39	GL12	Screw(M5-0.8*8)	螺絲	2
40	P0540	Timing Belt	齒形皮帶	1
41	P0541	Idler Asm	惰輪組(整組)	1
42	P0542	Retaining Ring	扣環(IRTW-35)	2
43	P0543	Screw(M6-1.0*10.3)	螺絲	1
44	P0544	Idler Fixed Plate	承座	1
45	P0545	Connecting Rod	培林殼	1

\* Ref. No. 46 to 62 . . . . See the following page



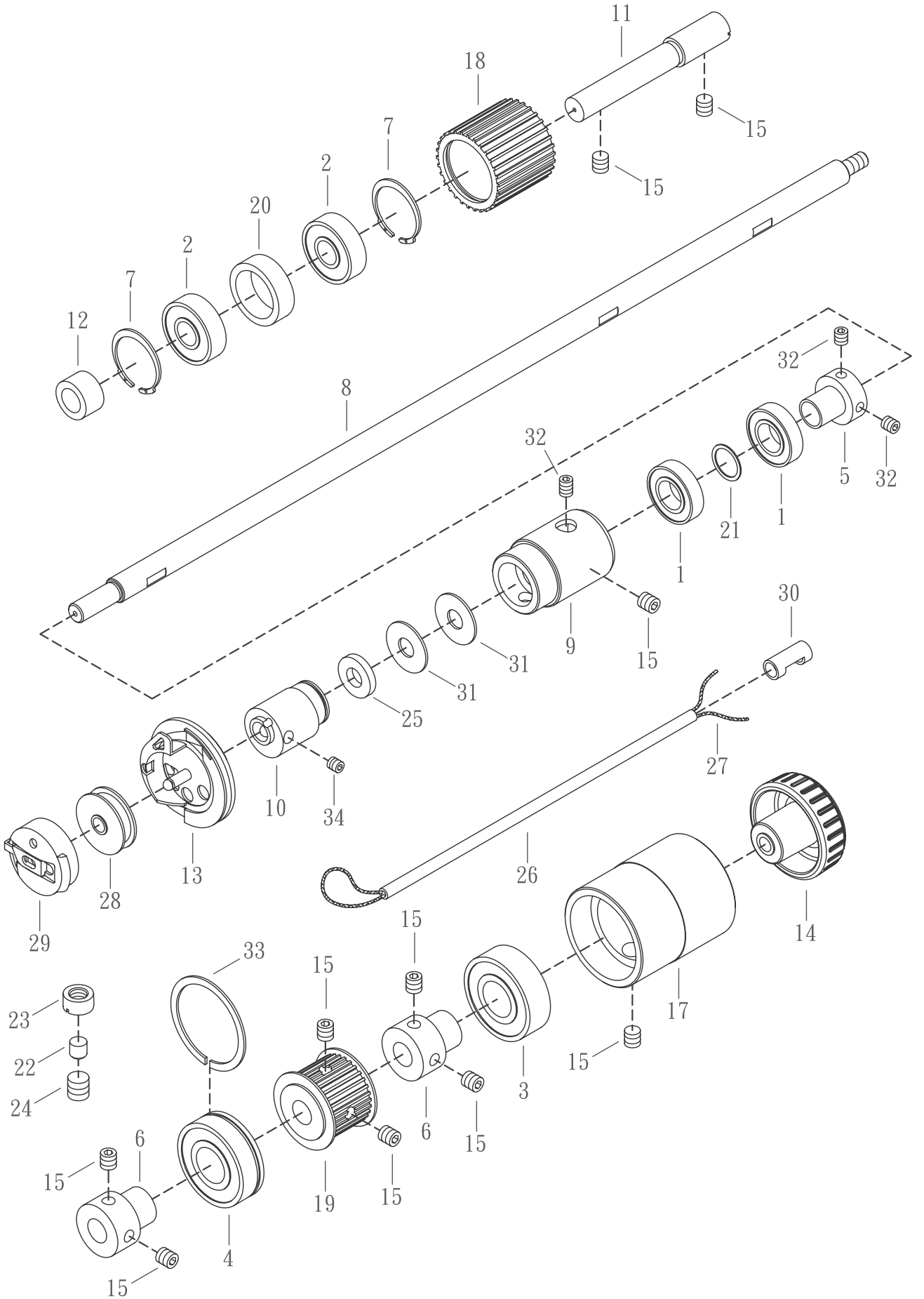


MAIN SHAFT COMPONENTS上軸關係

5

<u>Ref.</u>	<u>Parts</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Req.</u>
46	P0546	Spacer	墊塊	1
47	P0547	Nut(M10-1.5 17*8)	螺帽	1
48	P0548	Spring Holding Pin	彈簧掛桿	1
49	P0549	Screw(M10-1.5*43)	螺絲	1
50	GE32	Ball Bearing	滾珠培林(6300ILB)	2
51	WF07	Washer(16*6.5*1.6t)	墊片	1
52	P0552	Screw(M6-1.0*14)	螺絲	1
53	P0553	Control Bracket Spring	拉簧	1
54	P0554	Spring Holding Pin	彈簧掛桿	1
55	P0555	Felt	氈墊	1
56	P0556-1	Connecting Rod Ring	連桿襯墊	1
57	SF240	Screw(M6-1.0*6)	螺絲	6
58	P0558	Coupling	車台轉軸器	1
59	P0559	Coupling	馬達轉軸器	1
60	J3207	Rubber Cushion	橡膠防震	1
61	L0527	Oil Seal	止動環	1
62	P0562	Oil Seal	止動環	1
63	L0528	Oil Seal	油封	2

\*Ref. No. 1 to 45 . . . . . See the preceding page.



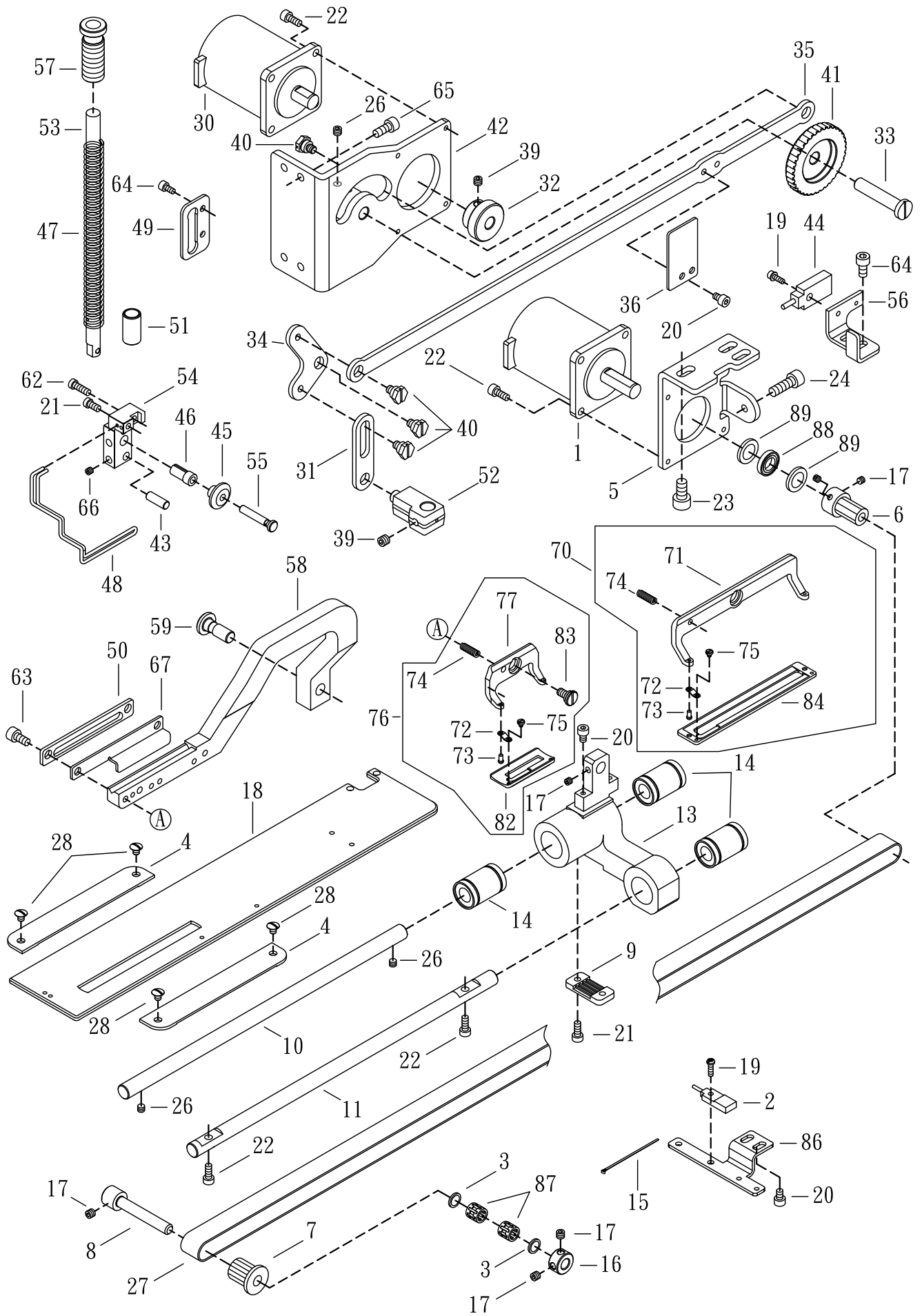
**HOOK DRIVING SHAFT COMPONENTS**

**下軸關係**

7

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	P0701	Ball Bearing (∅24*∅12)	滾珠培林(6901LB)	2
2	P0702	Ball Bearing	滾珠培林(6000V)	2
3	VF19	Ball Bearing	滾珠培林(6202 ZZCM)	1
4	K0520-1	Ball Bearing (∅35*∅15)	滾珠培林(6202 DDU)	1
5	P0705	Collar	軸套	1
6	P0706	Collar	軸套	2
7	P0707	Retaining Ring	扣環(IRTW-26)	2
8	P0708	Lower Shaft	下傳動軸	1
9	P0709	Hook Driving Shaft Metal	旋梭驅動桿	1
10	P0710	Hook Sleeve ASM	旋梭套筒	1
11	P0711	Intermediate Sprocket Shaft	軸心	1
12	P0712	Intermediate Sprocket Washer	襯套	1
13	P0713KB	Hook	旋梭(平織、針織 無分押腳才有分)	1
14	P0714	Handwheel	手轉輪	1
15	SF240	Screw(M6-1.0*6)	螺絲	10
16				
17	P0717	Connecting Rod	培林殼	1
18	P0718	Sprocket B	齒形皮帶帶動輪	1
19	P0719	Mani Shaft Sprocket (Lower)	下主軸齒形輪	1
20	P0720	Intermediate Sprocket Ring	襯墊	1
21	P0721	Washer	墊片	1
22	P0722	Clutch Roller	鋼軸	1
23	P0723	Nut(M8-1.25 11.5*6)	螺母	1
24	P0724	Screw(M8-1.25*8)	螺絲	1
25	P0725	Felt	氈墊	1
26	P0726	Oil Tube( φ 3 × φ 5 ×205 mm )	油管	1
27	P0727	Oil String	油蕊	1
28	P0728KB	Bobbin	梭子	1
29	P0729KB	Bobbin Case	梭殼	1
30	P0730	Pipe	導管	1
31	P0731	Felt	氈墊	2
32	SV250	Screw(M5-0.8*5)	螺絲	3
33	P0733	Oil Seal	止動環	1
34	P0734	Screw(SM1/4-40*6)	螺絲	4

9-1





**SHORT PRESSER & FEED COMPONENTS (OPTIONAL)**

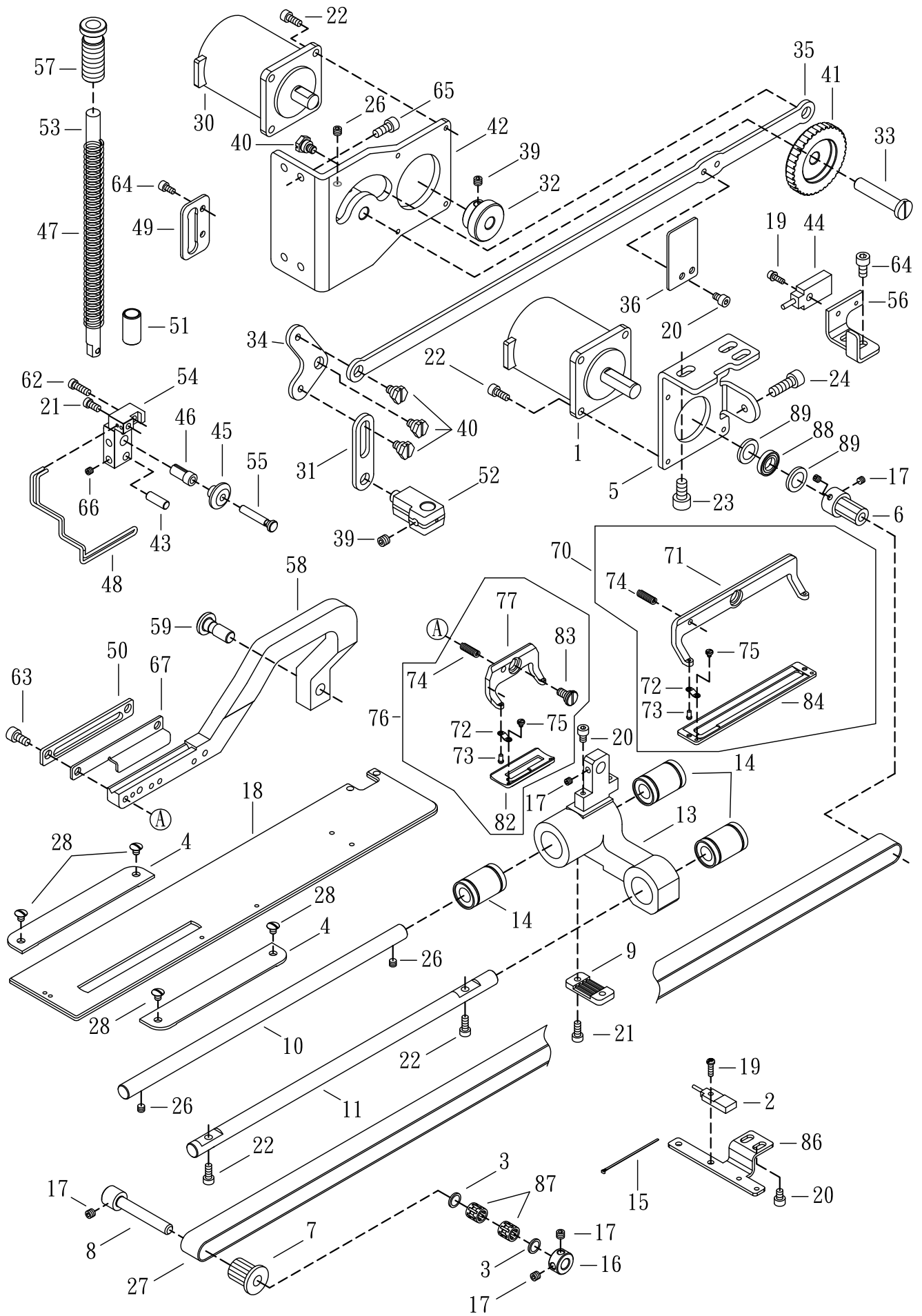
**短押腳及送料具關係(選購)**

9-1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	P0901	Feed Motor Ass'y	送料馬達	1
2	P0902	Feed Sensor	感應器	1
3	P0516	Connecting Rod Ring	連桿襯墊	2
4	P0904	Throat Plate Base Cover	托板	2
5	P0905	Motor Bracket	馬達座	1
6	P0906-1	Pulley	皮帶輪	1
7	P0907	Pulley	皮帶輪	1
8	P0908	Support Shaft	支撐桿	1
9	P0909	Timing Belt Holder	同步皮帶支架	1
10	P0910	Feed Shaft	送料桿	1
11	P0911	Feed Guide Shaft	送料導桿	1
12				
13	P0913	Feed Base	送料座	1
14	P0914	Slide Bearing	滑動軸承	3
15	H1447	Fixed Belt	鎖式束帶	1
16	P0531	Collor	定位環	1
17	SV250	Screw(M5-0.8*5)	螺絲	6
18	P0918S	Work Clamp Carrier (optional)	傳動板 (選購)	1
19	MDA080	Screw(M3-0.5*8)	螺絲	2
20	SF222	Screw(M4-0.7*6)	螺絲	6
21	SF224	Screw(M4-0.7*8)	螺絲	3
22	SF226	Screw(M4-0.7*12)	螺絲	10
23	SV266	Screw(M6-1.0*10)	螺絲	3
24	GA29	Screw(M6-1.0*20)	螺絲	1
25				
26	SF240	Screw(M6-1.0*6)	螺絲	3
27	P0927	Timing Belt	同步皮帶	1
28	SV239-2	Screw(M4-0.7*4)	螺絲	4
29				
30	P0930	Clamp Motor Ass'y	馬達	1
31	P0931	Lifter Link	提升連桿	1
32	P0932	Gear	帶動齒輪	1
33	P0933	Gear Shaft	齒輪軸	1
34	P0934	Lifter Link Lever	提升連結拉柄	1
35	P0935	Lifter Shaft	壓腳提升主軸	1
36	P0936	Pbl Sensor plate	感應片	1
37				
38				
39	SV260	Screw(M6-1.0*5)	螺絲	5
40	P0940	Screw(M5-0.8*8.4)	螺絲	5
41	P0941	Gear	齒輪	1
42	P0942	Assy Pbl Motor Base	馬達座	1
43	P0943	Fastener Pin	壓腳固定銷	1
44	P0944	Clamp Sensor	感應器	1
45	P0945	Slide Roller	滑動輪	1

\* Ref. No. 46 to 89 . . . . . See the following page

9-1



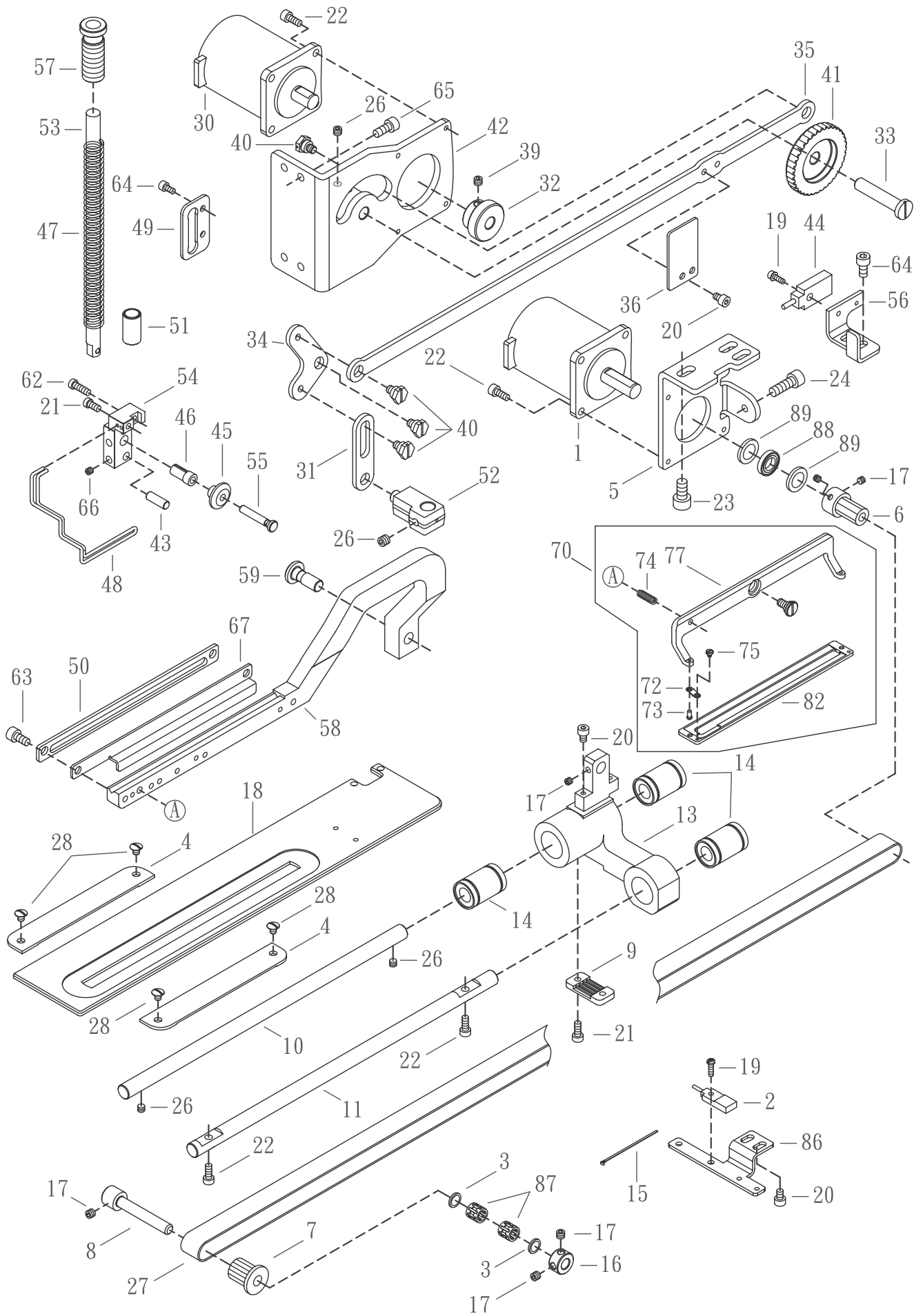
**SHORT PRESSER & FEED COMPONENTS (OPTIONAL)**

**短押腳及送料具關係(選購)**

9-1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
46	P0946	Collar	軸環	1
47	P0947	Presser Bar Spring	壓腳棒彈簧	1
48	P0948	Pbl Finger Guard	護手架	1
49	P0949	Pbl Guide	導片	1
50	P0950	Pbl Lifting Plate(short) (optional)	提升片 (選購)	1
51	P0951	Pbl Metal	金屬管	1
52	P0952	Presser Bar Connecting Bracket	壓腳固定臂	1
53	P0953	Presser Bar	壓腳桿	1
54	P0954	Presser Bar Guide	固定臂導槽	1
55	P0955	Control Link Pin	控制連桿插銷	1
56	P0956	Fitting Unit	感應器固定座	1
57	P0957	Lock Nut	螺帽	1
58	P0958	Pbl Work Clamp Arm(short) (optional)	送料臂 (選購)	1
59	P0959	Stop Pin	擋銷	1
60				
61				
62	MFP160	Screw(M4-0.7*16)	螺絲	1
63	MHE080	Screw(M5-0.8*8)	螺絲	1
64	SV252	Screw(M5-0.8*10)	螺絲	5
65	SF230	Screw(M5-0.8*12)	螺絲	4
66	L1036	Screw(M5-0.8*6)	螺絲	2
67	P0967-1	Utt Close Cam B(short) (optional)	壓板 (選購)	1
68				
69				
70	P0970M	Work Clamp Check Holder Asm(middle)(optional)	押腳組(中) (選購)	1
71	P0971M	Work Clamp Check Holder(middle)	押腳架(中)	1
72	P0972	Work Clamp Check Spring	彈簧	2
73	P0973	Work Clamp Check Spring Set PIN	固定梢	2
74	P0974	Work Clamp Check Holder Spring	彈簧	1
75	P0975	Screw(SM3/32-56*2.5)	螺絲	2
76	P0976	P0976K5 ( 針織用 )	押腳組(短) (選購)	1
77	P0977	Presser Foot ( short )	押腳架(短)	1
	P0977M	Presser Foot ( middle )	押腳架(中)	
	P0982	Presser Pad ( short )	押腳底(短)	
82	P0982M	Presser Pad ( middle )	押腳底(中)	1
83	P0983	Screw(SM3/16-28*10)	螺絲	1
84	P0982M	Presser Pad (middle)	押腳底(中)	1
85				
86	P0986	Sensor Plate	感應器固定座	1
87	P0515	Roller Bearing	培林	2
88	P0988	Spring Washer	彈簧墊片	1
89	P0989	Thrust Plate	推力墊圈	2

\*Ref. No. 1 to 45 . . . . See the preceding page.





## LONG PRESSER &amp; FEED COMPONENTS (OPTIONAL)

## 長押腳及送料具關係(選購)

9-2

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	P0901	Feed Motor Ass'y	送料馬達	1
2	P0902	Feed Sensor	感應器	1
3	P0516	Connecting Rod Ring	連桿襯墊	2
4	P0904	Throat Plate Base Cover	托板	2
5	P0905	Motor Bracket	馬達座	1
6	P0906-1	Pulley	皮帶輪	1
7	P0907	Pulley	皮帶輪	1
8	P0908	Support Shaft	支撐桿	1
9	P0909	Timing Belt Holder	同步皮帶支架	1
10	P0910	Feed Shaft	送料桿	1
11	P0911	Feed Guide Shaft	送料導桿	1
12				
13	P0913	Feed Base	送料座	1
14	P0914	Slide Bearing	滑動軸承	3
15	H1447			1
16	P0531	Collor	定位環	1
17	SV250	Screw(M5-0.8*5)	螺絲	6
18	P0918L	Work Clamp Carrier (optional)	傳動板(長) (選購)	1
19	MDA080	Screw(M3-0.5*8)	螺絲	2
20	SF222	Screw(M4-0.7*6)	螺絲	6
21	SF224	Screw(M4-0.7*8)	螺絲	3
22	SF226	Screw(M4-0.7*12)	螺絲	10
23	SV266	Screw(M6-1.0*10)	螺絲	3
24	GA29	Screw(M6-1.0*20)	螺絲	1
25				
26	SF240	Screw(M6-1.0*6)	螺絲	3
27	P0927	Timing Belt	同步皮帶	1
28	SV239-2	Screw(M4-0.7*4)	螺絲	4
29				
30	P0930	Clamp Motor Ass'y	馬達	1
31	P0931	Lifter Link	提升連桿	1
32	P0932	Gear	帶動齒輪	1
33	P0933	Gear Shaft	齒輪軸	1
34	P0934	Lifter Link Lever	提升連結拉柄	1
35	P0935	Lifter Shaft	壓腳提升主軸	1
36	P0936	Pbl Sensor plate	感應片	1
37				
38				
39	SV260	Screw(M6-1.0*5)	螺絲	5
40	P0940	Screw(M5-0.8*8.4)	螺絲	5
41	P0941	Gear	齒輪	1
42	P0942	Assy Pbl Motor Base	馬達座	1
43	P0943	Fastener Pin	壓腳固定銷	1
44	P0944	Clamp Sensor	感應器	1
45	P0945	Slide Roller	滑動輪	1

\* Ref. No. 46 to 89 . . . . . See the following page



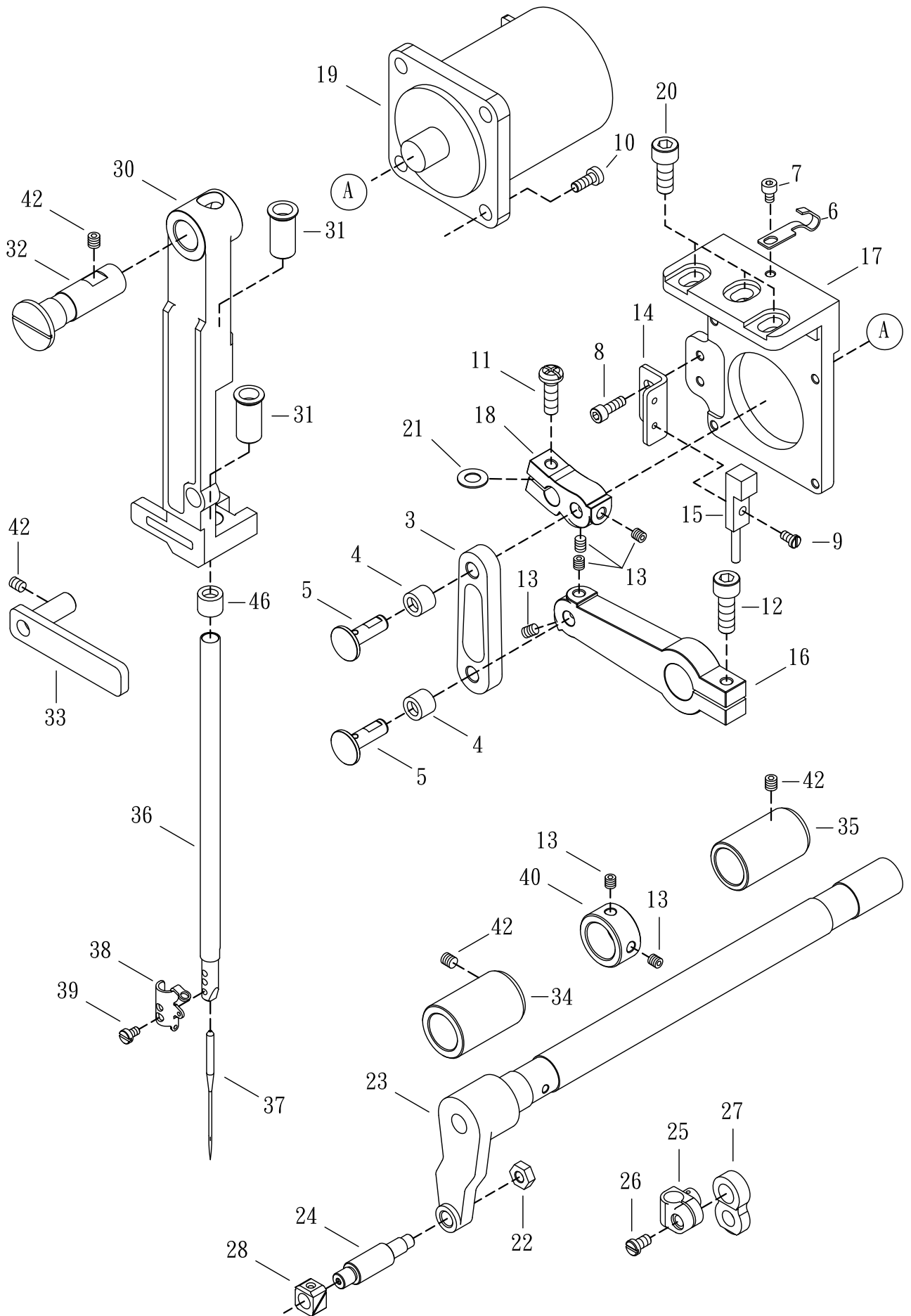
**LONG PRESSER & FEED COMPONENTS (OPTIONAL)**

**長押腳及送料具關係(選購)**

9-2

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
46	P0946	Collar	軸環	1
47	P0947	Presser Bar Spring	壓腳棒彈簧	1
48	P0948	Pbl Finger Guard	護手架	1
49	P0949	Pbl Guide	導片	1
50	P0950L	Pbl Lifting Plate(long)(optional)	提升片 (選購)	1
51	P0951	Pbl Metal	金屬管	1
52	P0952	Presser Bar Connecting Bracket	壓腳固定臂	1
53	P0953	Presser Bar	壓腳桿	1
54	P0954	Presser Bar Guide	固定臂導槽	1
55	P0955	Control Link Pin	控制連桿插銷	1
56	P0956	Fitting Unit	感應器固定座	1
57	P0957	Lock Nut	螺帽	1
58	P0958L	Pbl Work Clamp Arm (long)(optional)	送料臂 (選購)	1
59	P0959	Stop Pin	擋銷	1
60				
61				
62	MFP160	Screw(M4-0.7*16)	螺絲	1
63	MHE080	Screw(M5-0.8*8)	螺絲	1
64	SV252	Screw(M5-0.8*10)	螺絲	5
65	SF230	Screw(M5-0.8*12)	螺絲	4
66	L1036	Screw(M5-0.8*6)	螺絲	2
67	P0967L1	Utt Close Cam B (long)(optional)	壓板 (選購)	1
68				
69				
70	P0970L	Work Clamp Check Holder Asm(long)(optional)	押腳組(長) (選購)	1
71				
72	P0972	Work Clamp Check Spring	彈簧	2
73	P0973	Work Clamp Check Spring Set PIN	固定梢	2
74	P0974	Work Clamp Check Holder Spring	彈簧	1
75	P0975	Screw(SM3/32-56*2.5)	螺絲	2
76				
77	P0977L	Work Clamp Check Holder(長押腳)	押腳架(長)	1
78				
79				
80				
81				
82	P0982L	Presser Pad	押腳底(長)	1
83	P0983	Screw(SM3/16-28*10)	螺絲	1
84				
85				
86	P0986	Sensor Plate	感應器固定座	1
87	P0515	Roller Bearing	培林	2
88	P0988	Spring Washer	彈簧墊片	1
89	P0989	Thrust Plate	推力墊圈	2

\*Ref. No. 1 to 45 . . . . . See the preceding page.



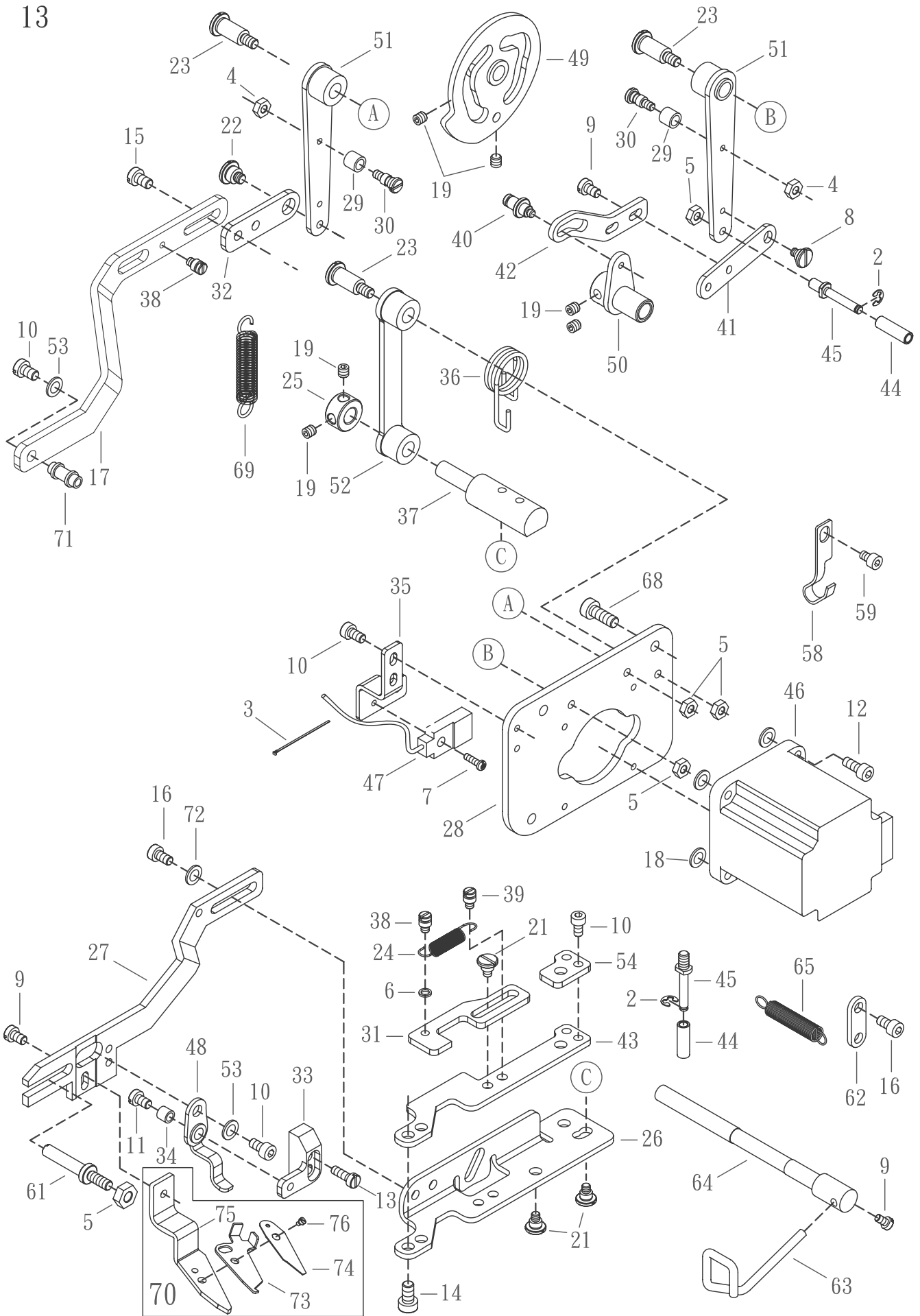
NEEDLE BAR ROCKING COMPONENTS針棒搖動關係

11

<u>Ref.</u>	<u>Parts</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Req.</u>
1				
2				
3	P1103	Connecting Rod	連桿	1
4	P1104	Shaft Helder Link Bush	傳動軸套管	2
5	P1105	Stop Pin	擋銷	2
6	P0113	Fitting Clamp	夾線片	1
7	SF222	Screw(M4-0.7*6)	螺絲	1
8	SF224	Screw(M6-1.0*8)	螺絲	2
9	SV217	Screw(M3-0.5*8)	螺絲	1
10	SV223	Screw(M4-0.7*14)	螺絲	4
11	SV253	Screw(M5-0.8*16)	螺絲	1
12	P1112	Screw(M6-1.0*18)	螺絲	1
13	SV250	Screw(M5-0.8*5)	螺絲	6
14	P1114	Sensor Plate	感應器固定座	1
15	P1115	Needle Swing Sensor Ass'y	感應器	1
16	P1116	Zigzag Lever Rear	擺動臂	1
17	P1117	Motor Base	馬達支架	1
18	P1118	Motor Lever	馬達槓桿	1
19	P1119	Needle Swing Motor Ass'y	馬達	1
20	SV266	Screw(M6-1.0*10)	螺絲	3
21	FL14	Washer	墊片	1
22	NV12	Nut(M5-0.8 8*4)	螺帽	1
23	P1123	Zigzag Lever Shaft	擺動臂	1
24	P1124	Zigzag Stud	擺動螺栓	1
25	P1125-1	Needle Bar Bracket	針柱驅動架	1
26	P1126	Screw(M4-0.7*7)	螺絲	1
27	P1127	Lever Link	提環桿	1
28	P1128	Square Block	方形塊	1
29				
30	P1130	Needle Bar Frame	針柱擺動臂	1
31	P1131-1	Needle Bar Bushing	針柱套管	2
32	P1132	Support Shaft	調節桿	1
33	P1133	Frame Support Plate ASM	定位桿	1
34	P1134-1	Bushing	軸襯	1
35	P1135-1	Bushing Rear	後軸襯	1
36	P1136	Needle Bar	針柱	1
37	DP*5#11	Needle	針	1
38	P1138	Needle Bar Bobbin Thread Guide	穿線導片	1
39	SV210	Screw(M3-0.5*4)	螺絲	1
40	P1140	Collar	定位襯環	1
41				
42	SF240	Screw(M6-1.0*6)	螺絲	4
46	P1146	Bushing	軸襯	1



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## NEEDLE THREAD TRIMMER COMPONENTS

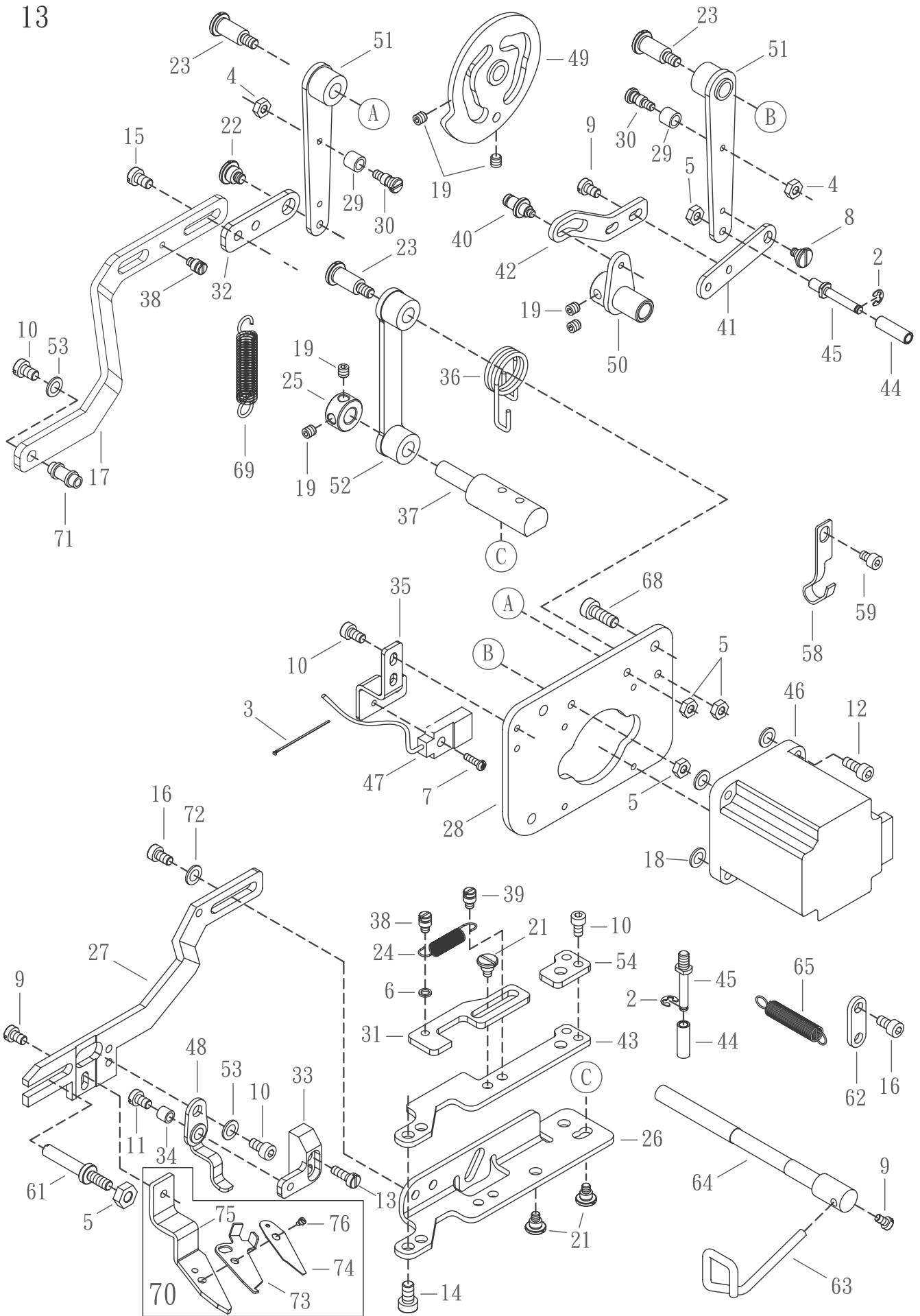
## 切線機構

13

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1				
2	EF03	Rocker Ring	扣環(ETW-3)	2
3	H1447	Fixed Belt	鎖式束帶	1
4	NF27	Nut(M4-0.7 8*3.5)	螺帽	2
5	NV12	Nut(M5-0.8 8*4)	螺帽	5
6	WF03	Washer(10*4.5*1t)	墊片	1
7	MDA080	Screw(M3-0.5*8)	螺絲	1
8	P1308	Screw(M4-0.7*6.7)	螺絲	1
9	GJ36	Screw(M4-0.7*5.8)	螺絲	4
10	SF222	Screw(M4-0.7*6)	螺絲	8
11	SV239-1	Screw(M4-0.7*8)	螺絲	1
12	SF225	Screw(M4-0.7*10)	螺絲	4
13	SV222	Screw(M4-0.7*12)	螺絲	2
14	SV259	Screw(M5-0.8*6)	螺絲	2
15	P1315	Screw(M5-0.8*8)	螺絲	2
16	SV251Ni	Screw(M5-0.8*8)	螺絲	3
17	P1317	Assy Utt Release Arm	鬆線臂	1
18	GB28	Screw	螺絲	2
19	SV250	Screw(M5-0.8*5)	螺絲	6
20				
21	P1321	Screw(M4-0.7*7.4)	螺絲	4
22	P1322	Screw(M5-0.8*8)	螺絲	1
23	P1323	Screw(M5-0.8*23.2)	螺絲	3
24	P1324	Control Bracket Spring	拉簧	1
25	VH32	Collar	定位軸環	1
26	P1326	Fixing Bracket	機構連結固定架	1
27	P1327	Utt Arm	切線臂	1
28	P1328	Drive Unit Base	驅動裝置板	1
29	P1329	UTT Cam Roller	襯套	2
30	P1330	Screw(M4-0.7*13.4)	螺絲	2
31	P1331	Fixing Bracket	機構連結固定架	1
32	P1332	Connecting Plate	連結器	1
33	P1333	Solenoid Base	固定塊	1
34	P1334	UTT Release Lever Shaft	襯套	1
35	P1335	UTT Sensor Base	感應器固定座	1
36	P1336	Spring	扭簧	1
37	P1337	Utt Support Shaft	切線支撐軸	1
38	P1338	Spring Holding Pin	彈簧掛桿	2
39	P0322	Spring Holding Pin	彈簧掛桿	1
40	P1340	Adjusting Lever Pin	可調式插銷	1
41	P1341	Connecting Plate	連結器	1
42	P1342	Connecting Plate	連結器	1
43	P1343-1	Fixing Bracket	機構連結固定架	1
44	P1344	UTT Drive Roller	襯套	2
45	P1345	UTT Drive Shaft	定位銷	2

\* Ref. No. 46 to 76 . . . . See the following page

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**NEEDLE THREAD TRIMMER COMPONENTS**

**切線機構**

13

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
46	P1346	UTT Trim Motor Ass'y	切線馬達	1
47	P1347	UTT Trim Senser Ass'y	感應器	1
48	P1348	UTT Release Lever B	固定座	2
49	P1349	Ass'y UTT Cam	驅動裝置盤	1
50	P1350	Tension Release Shaft	拉力釋放槓桿	1
51	P1351	Rocking Arm	搖臂	2
52	P1352	Rocking Arm	搖臂	1
53	WF04	Washer(10*4.5*1t)	墊片	6
54	P1354	Fixing Bracket	機構連結固定架	1
55				
56				
57				
58	P0113	Fitting clamp	夾線片	1
59				
60				
61	P1361	Adjusting Lever Pin	可調式插銷	1
62	P1362	Connecting Plate	連結器	1
63	P1363	Needle Thread Eyelet	針線過線器	1
64	P1364	UTT Thread Pulling Shaft	過線器驅動軸	1
65	P1365	Control Bracket Spring	拉簧	1
66				
67				
68	SF230	Screw(M5-0.8*12)	螺絲	3
69	P1369	Control Bracket Spring	拉簧	1
70	P1370A	Ass'y UTT Trimmer	上剪刀組	1
71	P1371	Bearing	軸承	1
72	VK48	Washer	墊片	2
73	P1373	Lower Knife	活動刀	1
74	P1374	Upper Knife	固定刀	1
75	P1375	Trimmer Base	上剪刀座	1
76	P1376	Screw	上剪刀固定螺絲	1

\*Ref.No. 1 to 45 . . . . See the preceding page.





**BOBBIN THREAD TRIMMER COMPONENTS**

**底線切線機構**

15

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1				
2	P1502	Ass`y BTT Drive Cam	驅動裝置盤	1
3	P1503	LT Trim Sensor Ass`y	傳動軸臂	1
4	P1504	Slider Link	滑動連結臂	1
5	P1505	Drive Unit Base	驅動裝置板	1
6	P1506	Link Lever	連動桿	1
7	P1507	Connecting Plate	連結器	1
8	P1508	Connecting Rocker	連桿(大)	1
9	P1509	Link Rod	可調式插銷	1
10	NF27	Nut(M4-0.7 8*3.5)	螺帽	2
11	NV12	Nut(M5-0.8 8*4)	螺帽	2
12	P1512	LT Trim Motor Ass'y	切線馬達	1
13	MDA080	Screw(M3-0.5*10)	螺絲	1
14	SF222	Screw(M4-0.7*6)	螺絲	4
15	SF224	Screw(M4-0.7*8)	螺絲	6
16	SV250	Screw(M5-0.8*5)	螺絲	2
17	GB17	Screw(M4-0.7*9)	螺絲	1
18	P1518	Sensor Fitting Plate BT	感應器固定座	1
19	P1519	LT Trimm Sensor Ass`y	感應器	1
20	P1520	Screw(M5-0.8*17)	螺絲	3
21	L1630	Screw(M4-0.7*4)	螺絲	2
22	P1329	UTT Cam Roller	襯套	2
23	P1330	Screw(M4-0.7*13.4)	螺絲	2
24	P1524-1	Screw(M5-0.8*6.5)	螺絲	5
25				
26	WF04-1	Washer(10*4.5*1t)	墊片	7
27				
28	P1528	Clamp Spring Presser	夾線彈簧片	1
29	P1529	BT Clamp Lever	固定板	1
30	P1530	Clamp Spring	夾線片	1
31	P1531	Assu Bt Release Arm	底線鬆線器	1
32	P1532-1	BT Trimmer Link	連結臂	1
33	P1533	Control Bracket Spring	拉簧	1
34	P1534	Washer	墊片	1
35	P1535	Washer	墊片	1
36	P1536	Trimming Arm	擺動臂	1
37	FA24	Washer	墊片	3
38	P1538	Washer	墊片	1
39	P1539	BTT Lever	連結臂	1
40	P1540	Screw(M4-0.7*4)	螺絲	9
41	18-21	Screw(M3.5-0.6*6)	螺絲	3
42	P1542	Screw(M2.4-0.4*2.8)	螺絲	1
43	P1543	Screw(M4-0.7*7.7)	螺絲	1
44	P1544	Screw(M4-0.7*5.6)	螺絲	1
45				

\* Ref. No. 46 to 85 . . . . See the following page

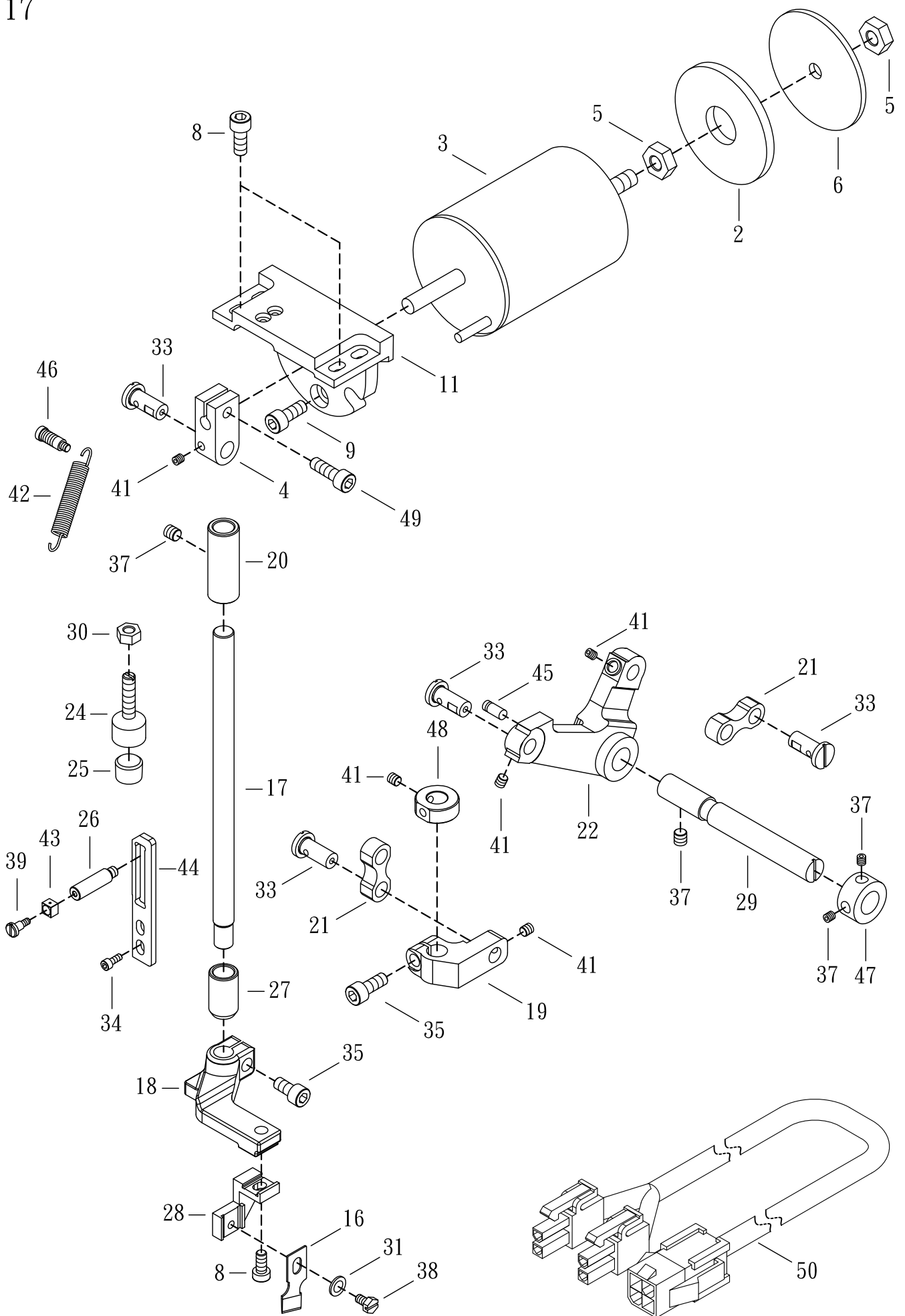


**BOBBIN THREAD TRIMMER COMPONENTS****底線切線機構**

15

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
46	P1546	Trimming Plate Base	下切刀基板	1
47	P1547	Oil Shield	擋油護罩	1
48	SV211-1	Screw(M3-0.5*4.5)	螺絲	2
49	P1549	Stitch Plate	針板(標準)	1
	P1549K5	Stitch Plate (Knitwear Optional)	針板(針織選購)	1
50				
51				
52	P1552	Picker Base	擺臂	1
53	P1553	Picker Base Fitting Plate	連結座	1
54	P1554	Stopper	制動裝置	1
55	P1555	Bobbin Case Positioning Plate	制動裝置基板	1
56	SV210	Screw(M3-0.5*4)	螺絲	1
57				
58	SV232	Screw(M4-0.7*10)	螺絲	2
59	GJ36	Screw(M4-0.7*5.8)	螺絲	1
60	SV222	Screw(M4-0.7*12)	螺絲	1
61	SV252	Screw(M5-0.8*10)	螺絲	3
62				
63	P1563	Control Bracket Spring	拉簧	1
64	P1564	Safety Switch Pressing Plate	安全開關壓板	1
65	P1565	Screw(M3-0.5*3)	螺絲	1
66	NF27	Nut(M4-0.7 8*3.5)	螺帽	1
67				
68	P1568	Spring Holding Pin	彈簧掛桿	4
69	P0120	M4-0.7*8	彈簧墊片螺絲	4
70	P1570	Oil Tank	油箱	1
71	P1571	Oil Tank Plate	油箱蓋	1
72	SF225	Screw(M4-0.7*8)	螺絲	2
73	P1573	Picker Base Stopper	擺臂止動片	1
74	P1574	Stud	螺樁	1
75	P0119	Screw(M4-0.7*7)	螺絲	1
76				
77	P1577	Picker	梭芯擋銷	1
78	P1578	Picker Actuating Lever	連結座	1
79	P0113	Oil Wick Stopper	油蕊固定架	1
80	P1580	Picker Actuating L Link	擺動臂	1
81				
82	P1582	Trimmer Spring	下剪刀押片	1
83	P1583	Movable Knife	下剪刀活動刀	1
84	P1584	Retaining Ring	下剪刀扣環	1
85	P1585	BT Trimmer	下剪刀組	1

\*Ref. No. 1 to 45 . . . . . See the preceding page.

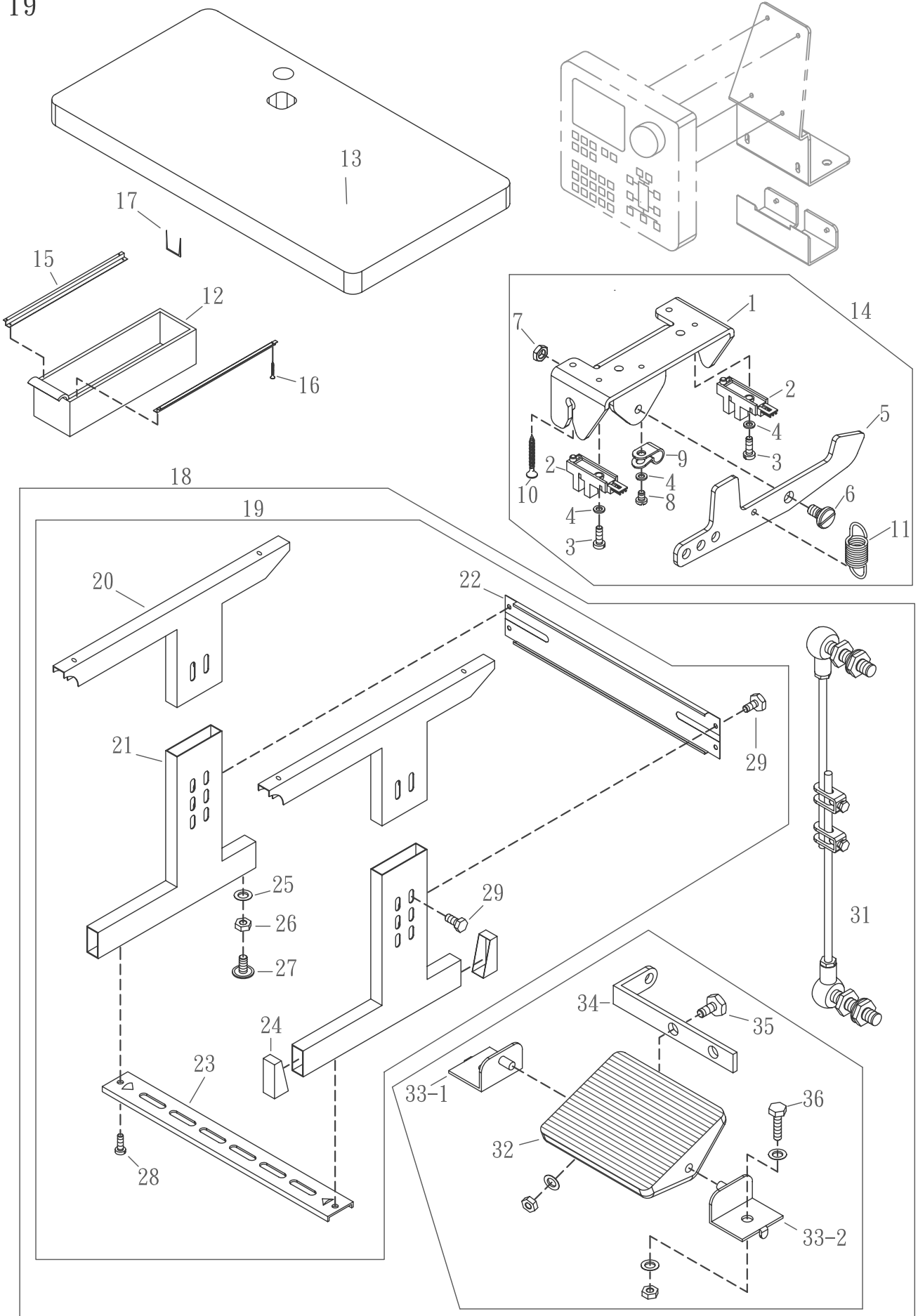


**CLOTH CUTTING KNIFE COMPONENTS****切布刀機構**

17

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
2	P1702	Spool Mat	海棉	1
3	P1703	Solenoid	電磁閥	1
4	P1704	Connecting Block	連接塊	1
5	NV14	Nut(M8-1.25 13*5)	螺帽	2
6	P1706	Stop Plate	止推板	1
8	SF230	Screw(M5-0.8*12)	螺絲	6
9	SV266	Screw(M6-1.0*10)	螺絲	3
11	P1711	Motor Base	馬達支架	1
16	P1716	Knife	刀片	1
17	P1717	Knife Bar	刀片控制桿	1
18	P1718	Knife Bar Base	刀片控制基座	1
19	P1719	Knife Bar Bracket	刀片固定臂	1
20	P1720	Bushing(Upper)	軸襯(上)	1
21	P1721	Lever Link	提環桿	2
22	P1722	Lever	連動槓桿	1
24	P1724	Pin	調節銷	1
25	P1725	Cushion Rubber	防震橡膠	1
26	P1726	Screw(M5-0.8*4.3)	螺絲	1
27	P1727	Bushing(Lower)	軸襯(下)	1
28	P1728	Knife Fitting Base	刀片連結基座	1
29	P1729	Knife Lever Shaft	傳動軸桿	1
30	NV13	Nut(M6-1.0 10*5)	螺帽	1
31	WF04-1	Washer(9.7*4.3*1t)	墊片	1
33	P1733	Stop Pin	擋梢	4
34	SF224	Screw(M4-0.7*8)	螺絲	2
35	GK03	Screw(M6-1.0*12)	螺絲	2
37	SF240	Screw(M6-1.0*6)	螺絲	4
38	P1738	Screw(M4-0.7*7)	螺絲	1
39	P1739	Screw(M3-0.5*9.8)	螺絲	1
41	SV250	Screw(M5-0.8*5)	螺絲	5
42	P1742	Control Bracket Spring	拉簧	1
43	P1743	Square Block	定位滑塊	1
44	P1744	Lifter Link	提升連桿	1
45	P1745	Spring Holding Pin	彈簧掛桿	1
46	P0554	Spring Holding Pin	彈簧掛桿	1
47	P1747	Collar	定位軸環	1
48	P1748	Collar	定位軸環	1
49	SF231	Screw(M5-0.8*14)	螺絲	1
50	P1750	Cord	中繼線	1

19





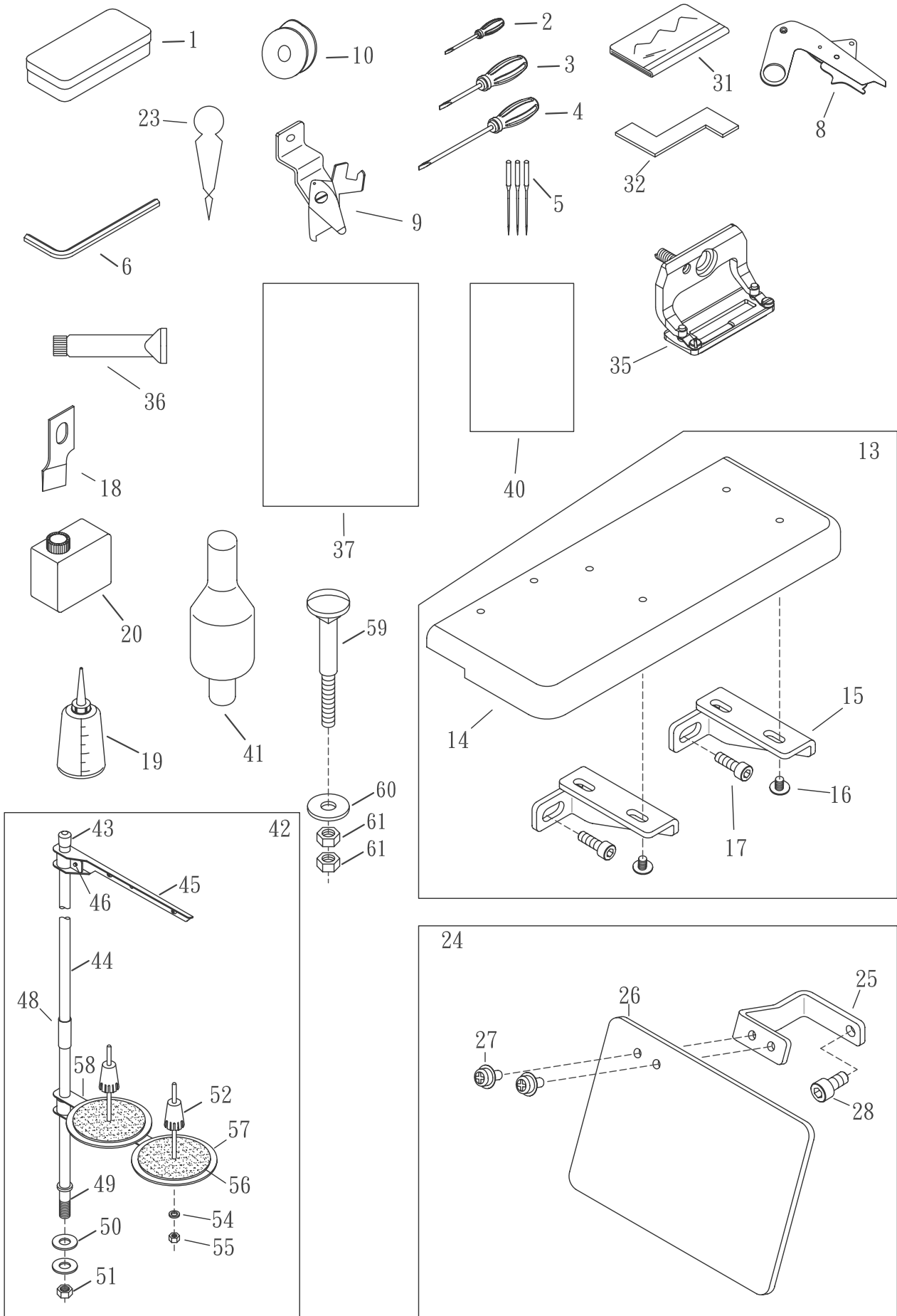
**TABLE COMPONENTS**

**桌板及桌腳**

19

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	P1901	Pedal Frame	踏板控制器(上)	1
2	P1902	Photo Sensor	感測器	2
3	SV222	Screw	螺絲	2
4	WF03	Washer	墊片	3
5	P1905	Pedal Frame A	踏板控制器(下)	1
6	P1906	Screw	螺絲	1
7	J1225	Nut	螺帽	1
8	GJ36	Screw	螺絲	1
9	FL29	Plastic Clamp	油管固定座	1
10	15-24	Wood Screw	木螺絲	2
11	P1911	Spring	彈簧	1
12	1M128	Drawer	抽屜	1
13	P001-1	Table	桌板	1
14	P1914	Ass'y 4 Position Pedal	踏板控制器組	1
15	1M129	Drawer Support	支撐架	2
16	1M130	Wood Screw	木螺絲	4
17	1M131	Drawer Stopper	線夾	1
18	1M110	T-stand Complete set	E-腳架組	1
19		Stand Set	桌腳組	1
20	1M112	Upper Stand	腳架(上)	2
21	1M113	Lower Stand	腳架(下)	2
22	1M114	Stand Side Support	橫桿(上)	1
23	1M115	Stand Side Support	橫桿(下)	1
24	1M116	Rubber Cap	護墊	4
25	1M117	Washer	墊片	4
26	1M118	Nut	螺帽	4
27	1M119	Adjusting Screw	固定樁	4
28	1M120	Screw	螺絲	2
29	1M121	Screw	螺絲	6
30				
31	1M122	Connecting Rod Ass'y	連桿組	1
32	1M123	Pedal	腳踏板	1
33-1	1M124	Pedal Shaft Bracket (left)	固定座	1
33-2	1M124	Pedal Shaft Bracket (right)	固定座	1
34	1M125	Pedal Adjusting Plate	90°連桿	1
35	1M126	Screw	螺絲組	2
36	1M127	Screw	螺絲組	2

21-1



**SHORT PRESSER FOOT ACCESSORIES (OPTIONAL)**

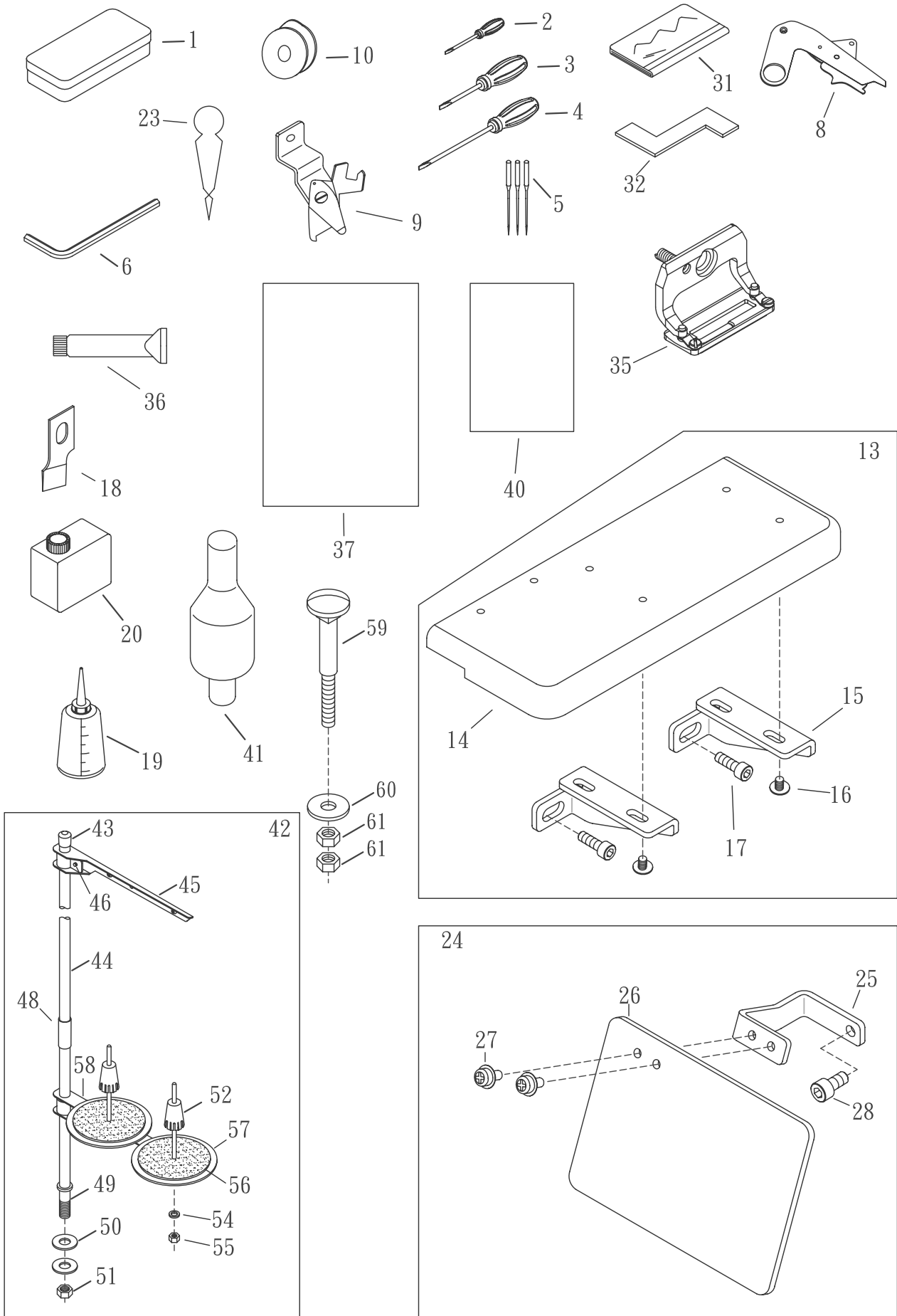
**短押腳組配件(選購)**

21-1

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
1	FM21	Box	零件盒	1
2	FM23	Screwdriver	螺絲起子	1
3	FM23-1	Screwdriver	螺絲起子	1
4	FM19	Screwdriver	螺絲起子	1
5	DPx5#11	Needle	車針	3
6	FM20A	Hexagonal Wrench	六角板手	1
7				
8	P1585	BT Trimmer	下剪刀組	1
9	P1370	Ass'y Utt Trimmer	上剪刀組	1
10	P0728	Bobbin	梭子	1
11				
12				
13	P2113	Auxiliary Table Asm	大布板組	1
14	P2114	Auxiliary Table	大布板	1
15	P2115	Installing Plate	托架	2
16	P2116	Screw	螺絲	4
17	SV266	Screw ( M6*1.0-10 )	螺絲	2
18	P1716	Knife	刀片	1
19	FM13	Deerix Oil	油罐	1
20	FM11	SF Oil	油壺	1
21				
22				
23	P2123	Thread Passing Instrument	穿線器	1
24	P2124	Ass'y Safety Plate	護目鏡組	1
25	P2125	Safety Plate Bese	固定架	1
26	P2126	Safety Plate	護目鏡	1
27	P0120	Screw	螺絲	2
28	SF224NI	Screw ( M4-0.7*8 )	螺絲	1
29				
30				
31	FM10	Head Cover	防塵套	1
32	P2132	Hook Timing Gauge	定規	1
33				
34				
35	P0970M	Presser Foot	押腳組(中)	1
36	P2136	Grease A Tube	潤滑油	1
37	P2137	Operation Manual	操作手冊	1
38				
39				
40	P2140	Parts Book	零件手冊	1

\* Ref. No. 41 to 61 . . . . See the following page

21-1



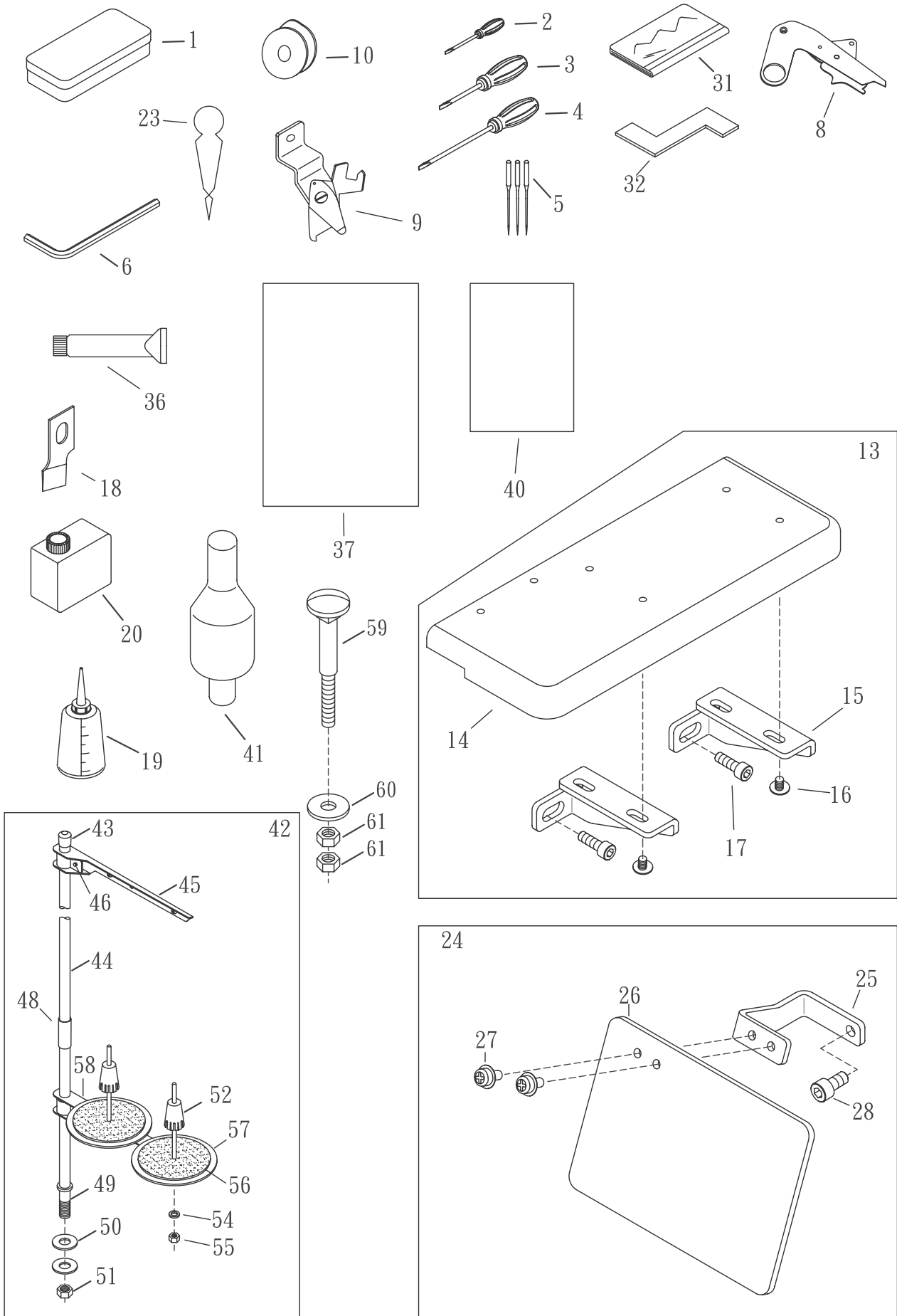
**SHORT PRESSER FOOT ACCESSORIES (OPTIONAL)**

**短押腳組配件 (選購)**

Ref. No.	Parts No.	Description	產 品 名 稱	21-1 Amt . Req .
41	P2941	Head Support Bar	車頭固定棒	1
42	P2142	Thread Stand	線架組	1
43	15-02	Cap	鐵管塑膠套	1
44	15-03	Thread Stand Rod(upper)	線架鐵管(上)	1
45	15-05	Thread Guide Bracket(2)	2孔過線鐵板	1
46	15-06	Screw	鐵板固定螺絲	2
47				
48	P2148	Joint	鐵管接頭	1
49	15-10	Thread Stand Rod(Lower)	線架鐵管(下)	1
50	15-11	Washer	鐵管華司	2
51	15-12	Nut	鐵管螺母	1
52	15-16	Spool Retaining Fig	線筒固定器	2
53	15-17	Spool Pin	線筒柱子	2
54	15-18	Spool Washer	柱子華司	2
55	15-19	Spool Nut	柱子螺母	2
56	15-20	Spool Mat	海棉	2
57	15-21	Spool Tray	線筒盤子	2
58	15-39	Spring Washer	彈簧華司	2
59	15-33	Hanging Bolt	吊架螺栓	4
60	15-34	Washer	墊片	4
61	15-36	Nut	螺帽	8

\*Ref. No. 1 to 40 . . . . . See the preceding page.

21-2



## LONG PRESSER FOOT ACCESSORIES (OPTIONAL)

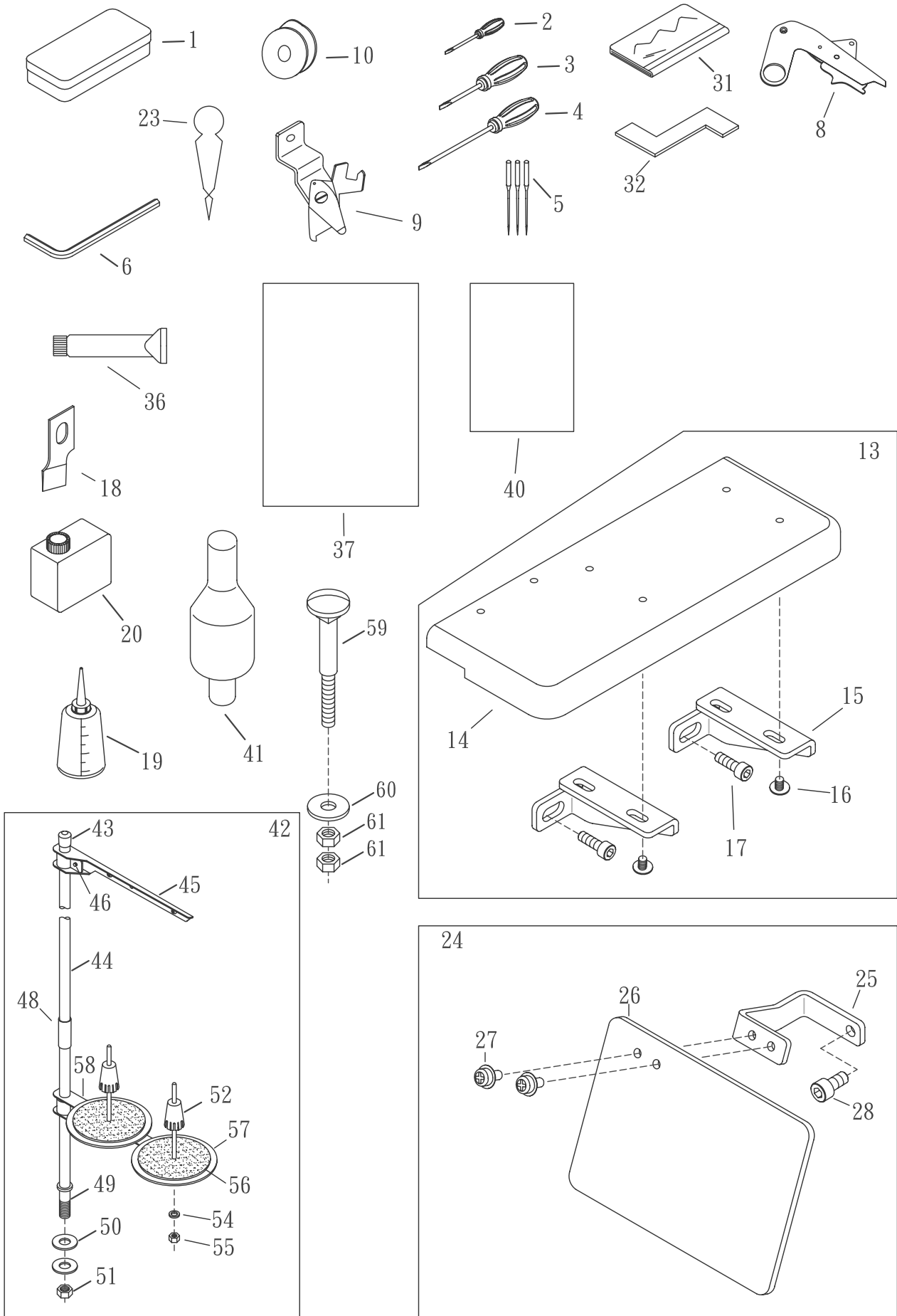
## 長押腳組配件(選購)

Ref. No.	Parts No.	Description	產 品 名 稱	21-2 Amt. Req.
1	FM21	Box	零件盒	1
2	FM23	Screwdriver	螺絲起子	1
3	FM23-1	Screwdriver	螺絲起子	1
4	FM19	Screwdriver	螺絲起子	1
5	DPx5#11	Needle	車針	3
6	FM20A	Hexagonal Wrench	六角板手	1
7				
8	P1585	BT Trimmer	下剪刀組	1
9	P1370	Ass'y Utt Trimmer	上剪刀組	1
10	P0728	Bobbin	梭子	1
11				
12				
13	P2113	Auxiliary Table Asm	大布板組	1
14	P2114	Auxiliary Table	大布板	1
15	P2115	Installing Plate	托架	2
16	P2116	Screw	螺絲	4
17	SV266	Screw ( M6*1.0-10 )	螺絲	2
18	P1716	Knife	刀片	1
19	FM13	Deerix Oil	油罐	1
20	FM11	SF Oil	油壺	1
21				
22				
23	P2123	Thread Passing Instrument	穿線器	1
24	P2124	Ass'y Safety Plate	護目鏡組	1
25	P2125	Safety Plate Bese	固定架	1
26	P2126	Safety Plate	護目鏡	1
27	P0120	Screw	螺絲	2
28	SF224NI	Screw ( M4*0.7-8 )	螺絲	1
29				
30				
31	FM10	Head Cover	防塵套	1
32	P2132	Hook Timing Gauge	定規	1
33				
34				
35				
36	P2136	Grease A Tube	潤滑油	1
37	P2137	Operation Manual	操作手冊	1
38				
39				
40	P2140	Parts Book	零件手冊	1

\* Ref. No. 41 to 61 . . . . See the following page



21-2



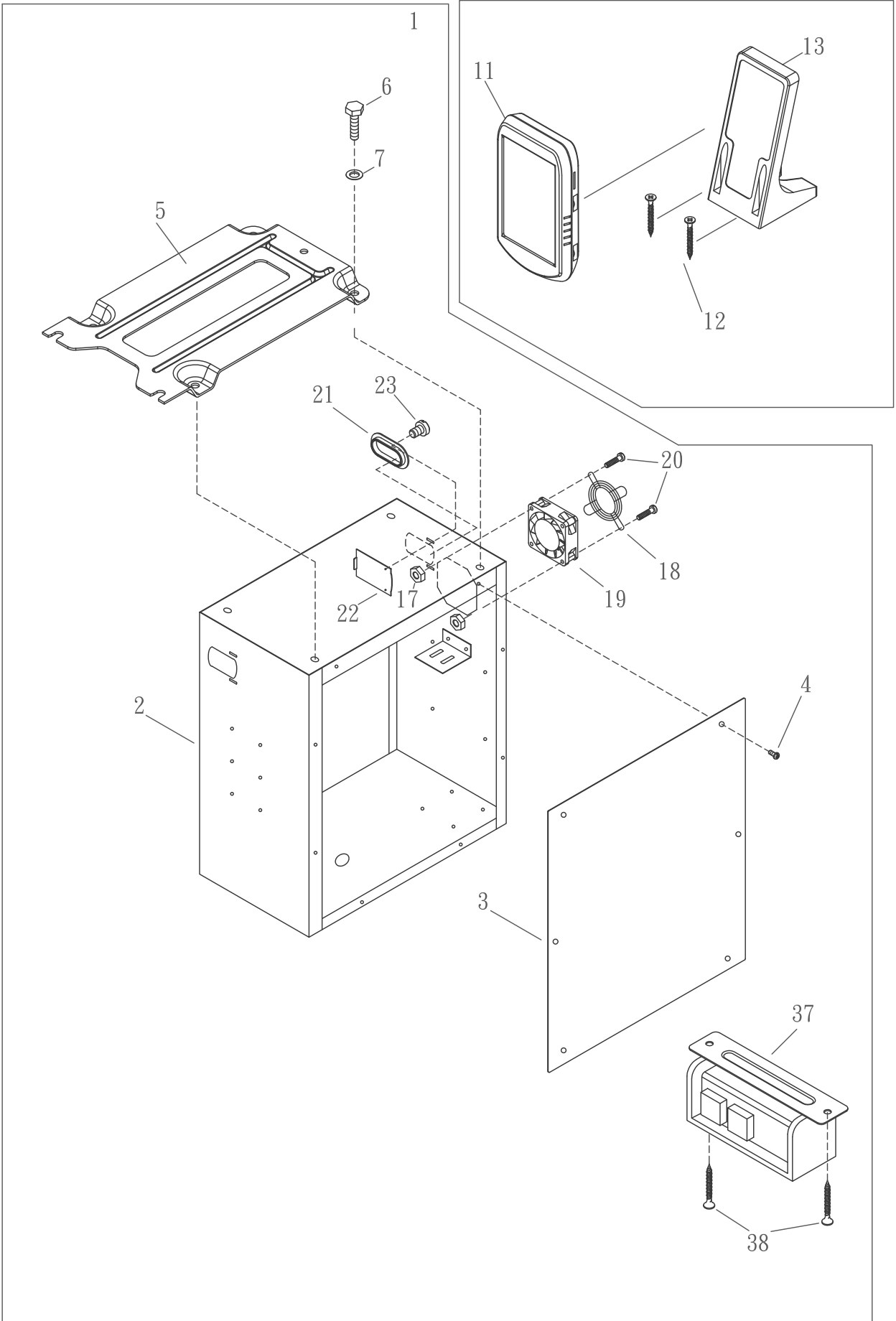
**LONG PRESSER FOOT ACCESSORIES (OPTIONAL)**

**長押腳組配件 (選購)**

21-2

Ref. No.	Parts No.	Description	產 品 名 稱	Amt. Req.
41	P2941	Head Support Bar	車頭固定棒	1
42	P2142	Thread Stand	線架組	1
43	15-02	Cap	鐵管塑膠套	1
44	15-03	Thread Stand Rod(upper)	線架鐵管(上)	1
45	15-05	Thread Guide Bracket(2)	2孔過線鐵板	1
46	15-06	Screw	鐵板固定螺絲	2
47				
48	P2148	Joint	鐵管接頭	1
49	15-10	Thread Stand Rod(Lower)	線架鐵管(下)	1
50	15-11	Washer	鐵管華司	2
51	15-12	Nut	鐵管螺母	1
52	15-16	Spool Retaining Fig	線筒固定器	2
53	15-17	Spool Pin	線筒柱子	2
54	15-18	Spool Washer	柱子華司	2
55	15-19	Spool Nut	柱子螺母	2
56	15-20	Spool Mat	海棉	2
57	15-21	Spool Tray	線筒盤子	2
58	15-39	Spring Washer	彈簧華司	2
59	15-33	Hanging Bolt	吊架螺栓	4
60	15-34	Washer	墊片	4
61	15-36	Nut	螺帽	8

\*Ref. No. 1 to 40 . . . . See the preceding page.

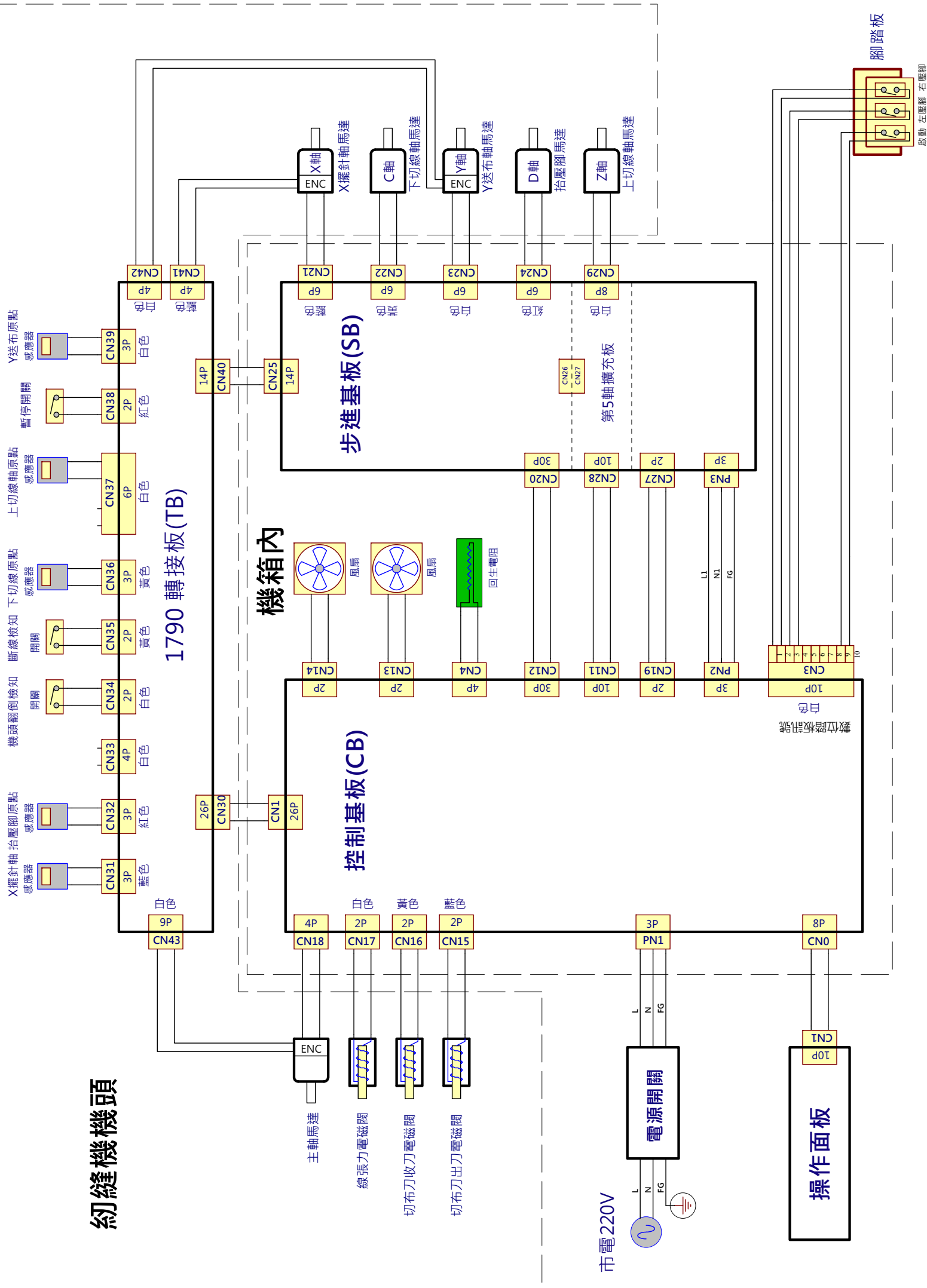


CINTROL BOX & OPERATION PANEL控制箱與操作盒

23

<u>Ref.</u>	<u>Parts</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>產 品 名 稱</u>	<u>Req.</u>
1	P2301	Control Box Ass'y	控制箱整組	1
2	P2302	Control Box	機殼	1
3	P2303	Front Cover	機蓋	1
4	P2304	Screw(M4-0.7*10)	螺絲	6
5	P2305B	Box Bracket	固定座	1
6	P2306	Screw(M8-1.25*16)	螺絲	4
7	GE34	Washer	墊片	4
8				
9				
10				
11	P2311B	Operation Panel A Ass'y	控制面板	1
12	P053	Wood Screw	木螺絲	2
13	P2313B	Operation Box Fitting Plate	操作盒固定座	1
14				
15				
16				
17	NF27	Nut	螺帽	4
18	P2318	PE Mark Label	風扇護蓋	1
19	P2319	Fan Motor	風扇	1
20	P2320	Screw(M4-0.7*40)	螺絲	4
21	P2321	Rubber Pad	膠墊	2
22	P2322	Cord Fitting Plate	護蓋	2
23	P2323	Screw(M4-0.7*12)	螺絲	4
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37	P2337	Switch	開關座	1
38	15-24	Wooden Screw	木螺絲	2

# 紉縫機頭









SINCE 1989

# SHING LING®

## 星菱牌工業用縫紉機

### INDUSTRIAL SEWING MACHINE



百分之百台灣製造  
100% Made in Taiwan



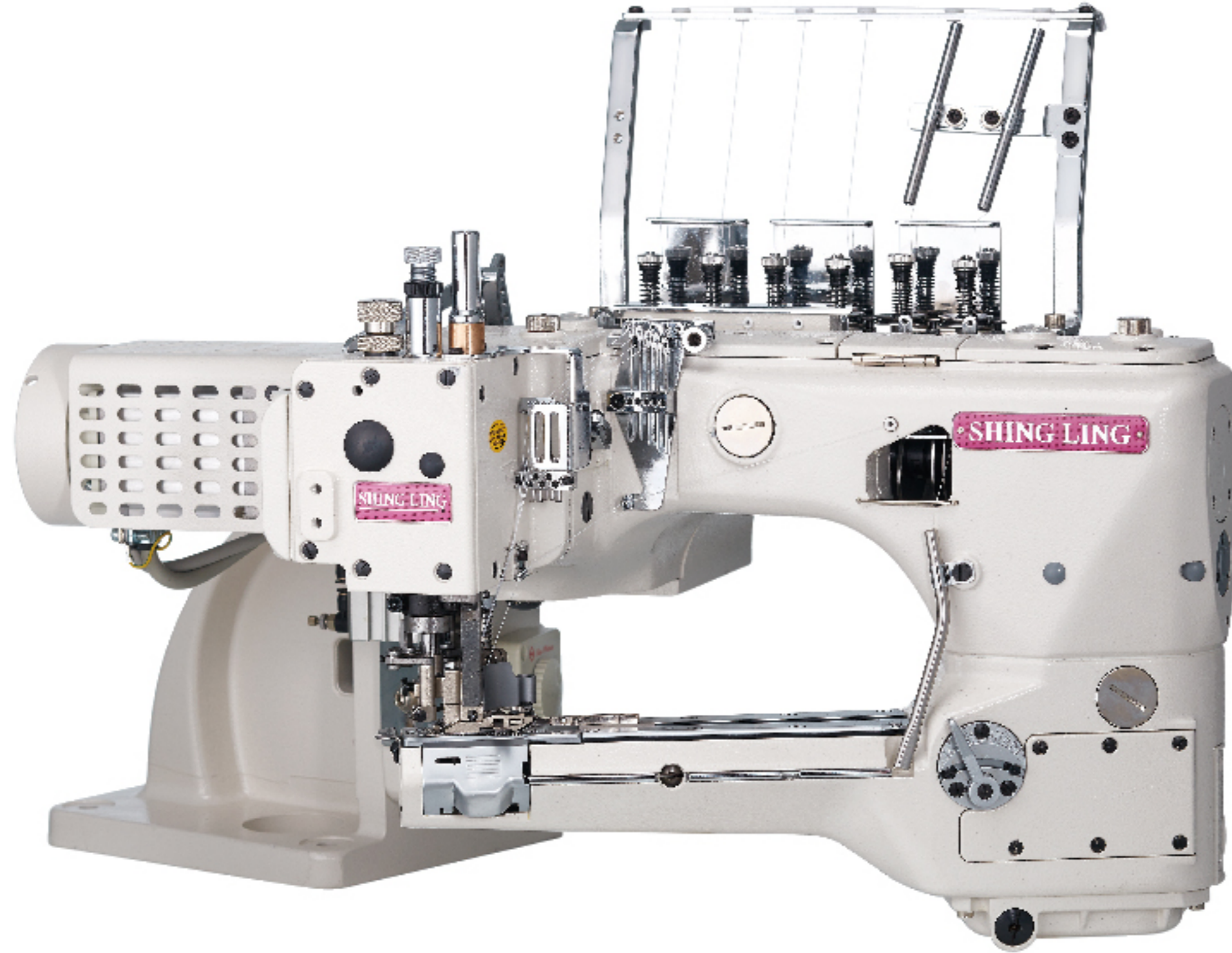
台正字第8144號



TAIWAN  
EXCELLENCE 2012

#### SL-703-GX-452/460/DS/PLA/VD

4-needle 6-thread feed-off-the-arm Interlock Flatseaming Machine with dual differential feed ratio regulator  
手臂型四針六線併縫機(附雙差動送布齒裝置)



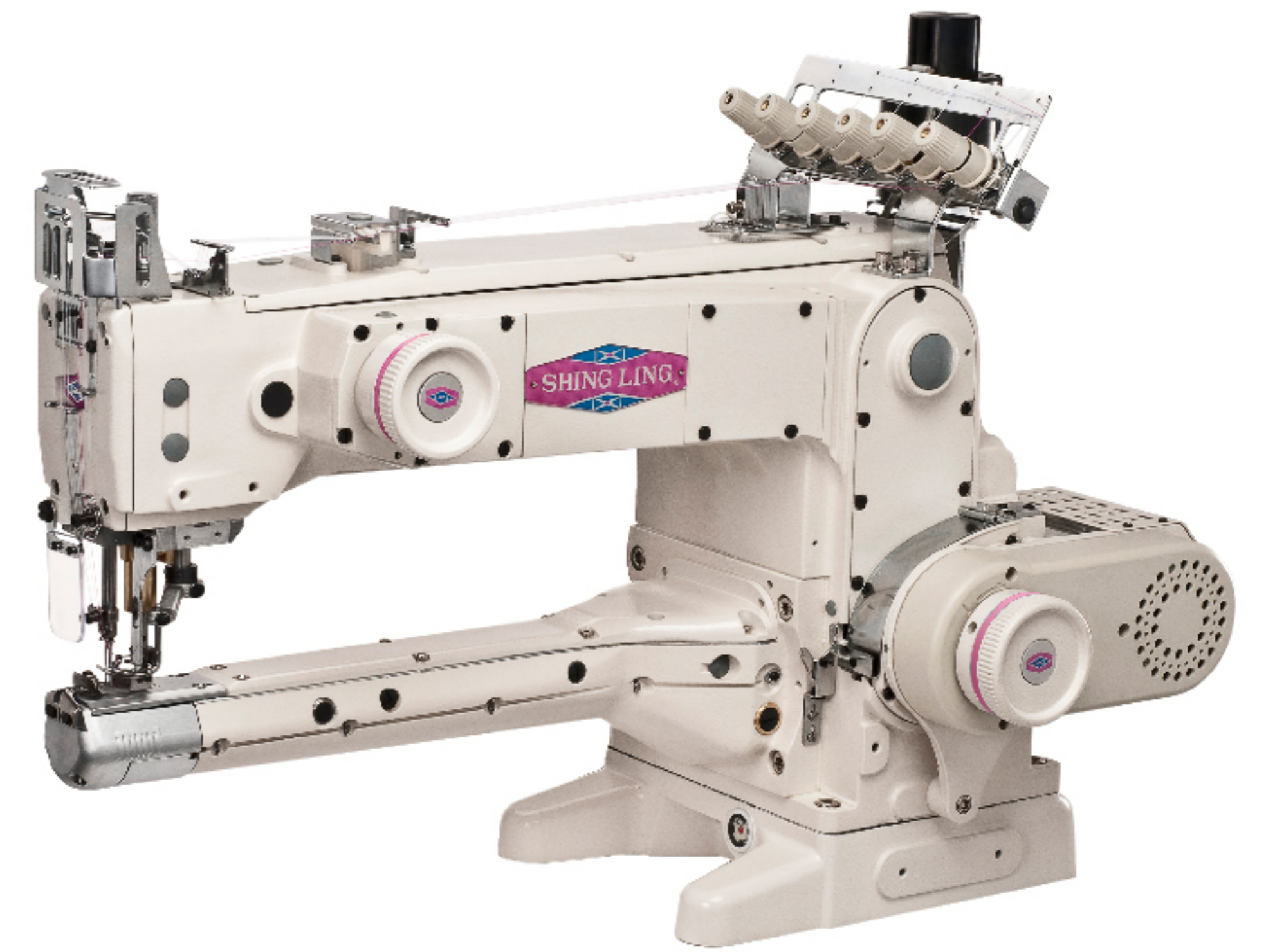
#### SL-2700-AST/EST

Feed-up-the-arm Interlock Machine with Compact Servo Motor and Thread Trimmer  
縱筒型三針五線雙面飾綳縫機



#### SL-2800-356/SM

Feed-up-the-arm Interlock Machine with Compact Servo Motor and Thread Trimmer  
縱筒型三針五線雙面飾綳縫機



#### VG-999ES-AST-TF-DS

Extremely-Small Cylinder-bed Interlock Machine with Thread Trimmer and Top Feeder  
超細筒型三針五線雙面飾綳縫機



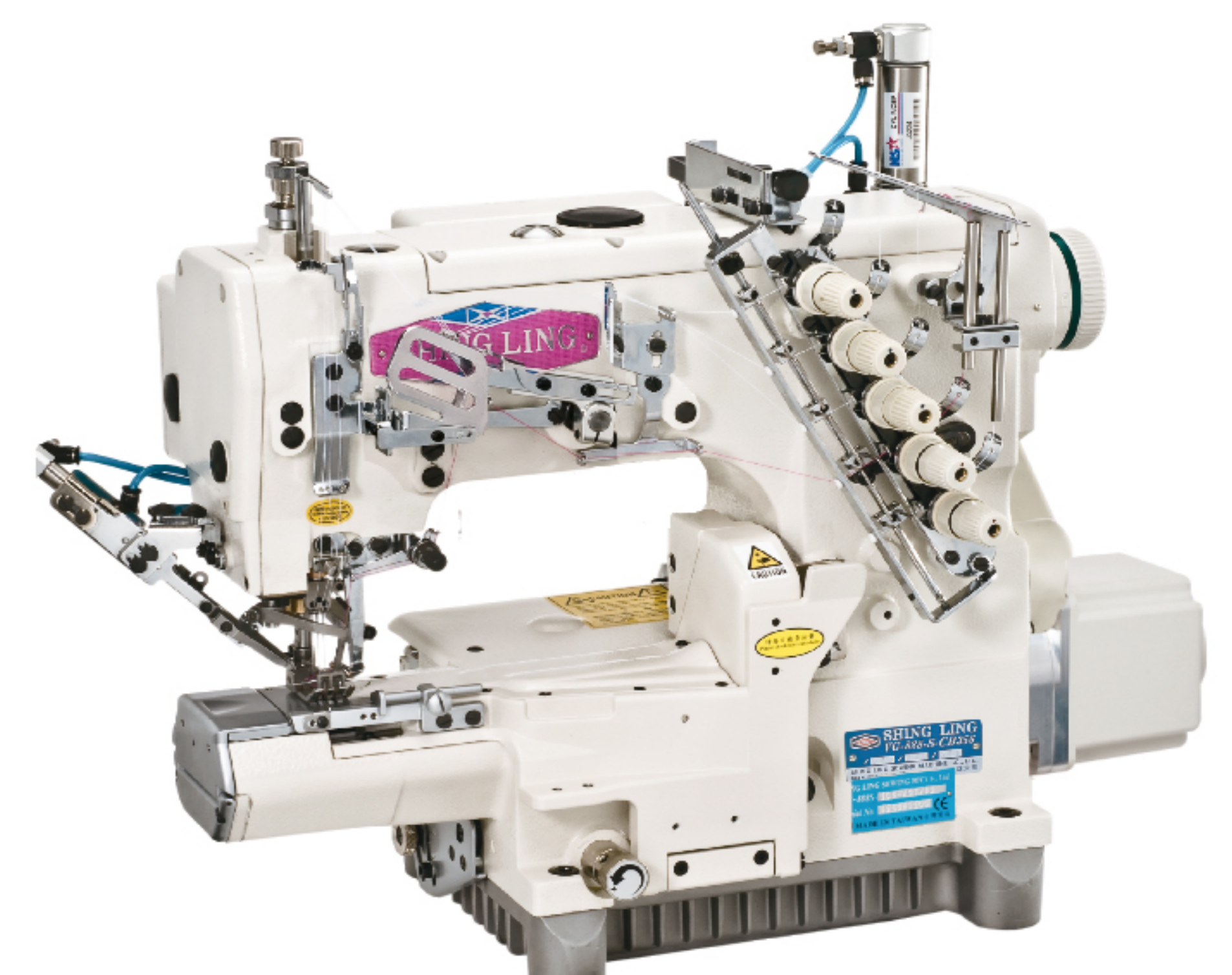
#### VG-888S-TF-AST

Small Cylinder-bed Interlock Machine with Thread Trimmer and Top Feeder  
細筒型三針五線雙面飾綳縫機(附上送裝置)



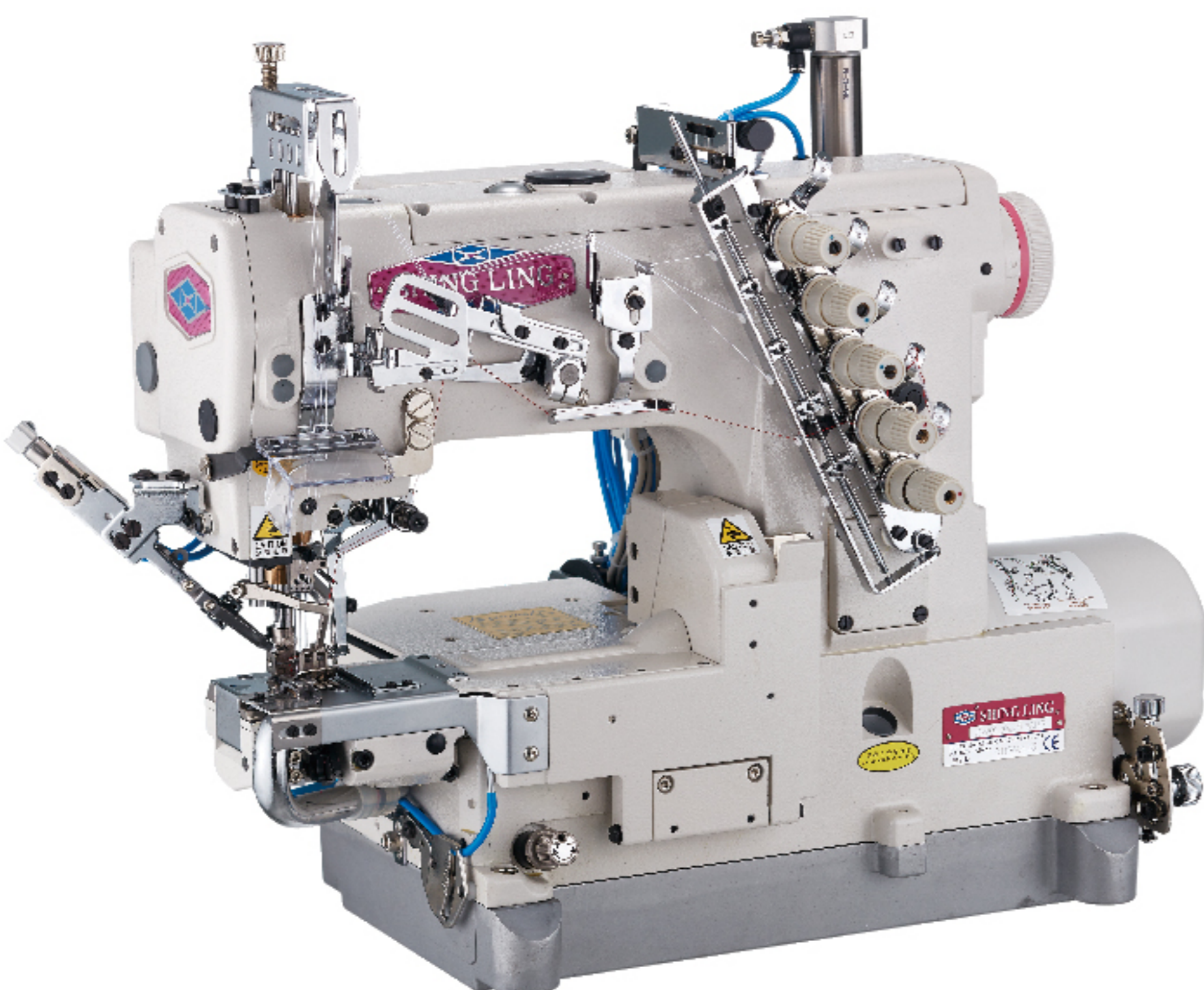
#### VG-888A-TF/AST

Top Feeder for 3-needle 5-thread Cylinder-bed Interlock Machine  
橫筒型三針五線雙面飾綳縫機(附上送裝置)



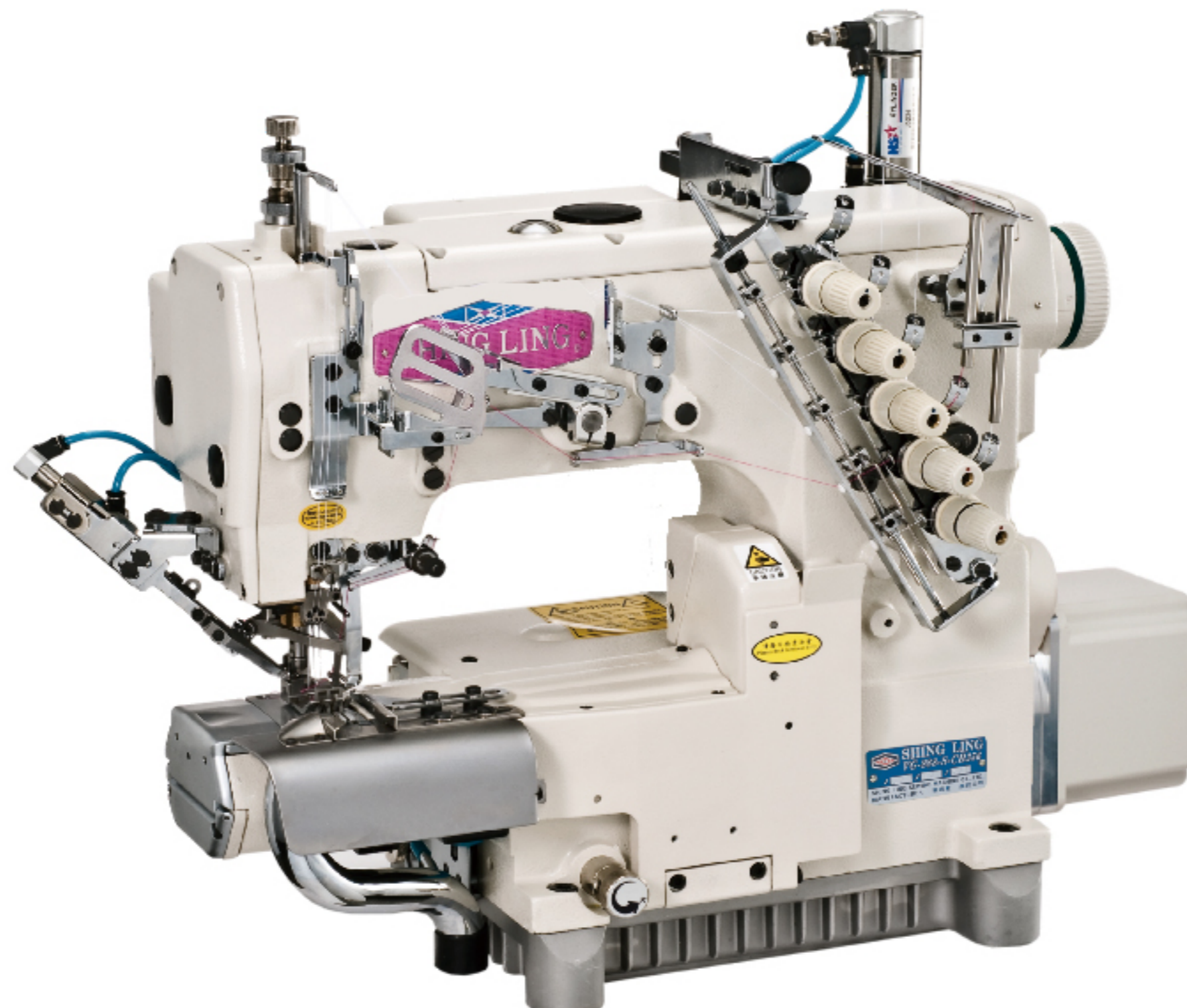
#### VG-999S-N700-AST-TF-DS

Small Cylinder-bed Interlock Machine with Left hand Knife and Top Feeder for Hemming  
細筒型三針五線雙面飾綳縫機(附左修刀)



#### VG-888A-N600-TF/AST

Interlock Machine with Left-hand Knife and Thread Trimmer for Hemming  
橫筒型附左修刀雙面飾綳縫機



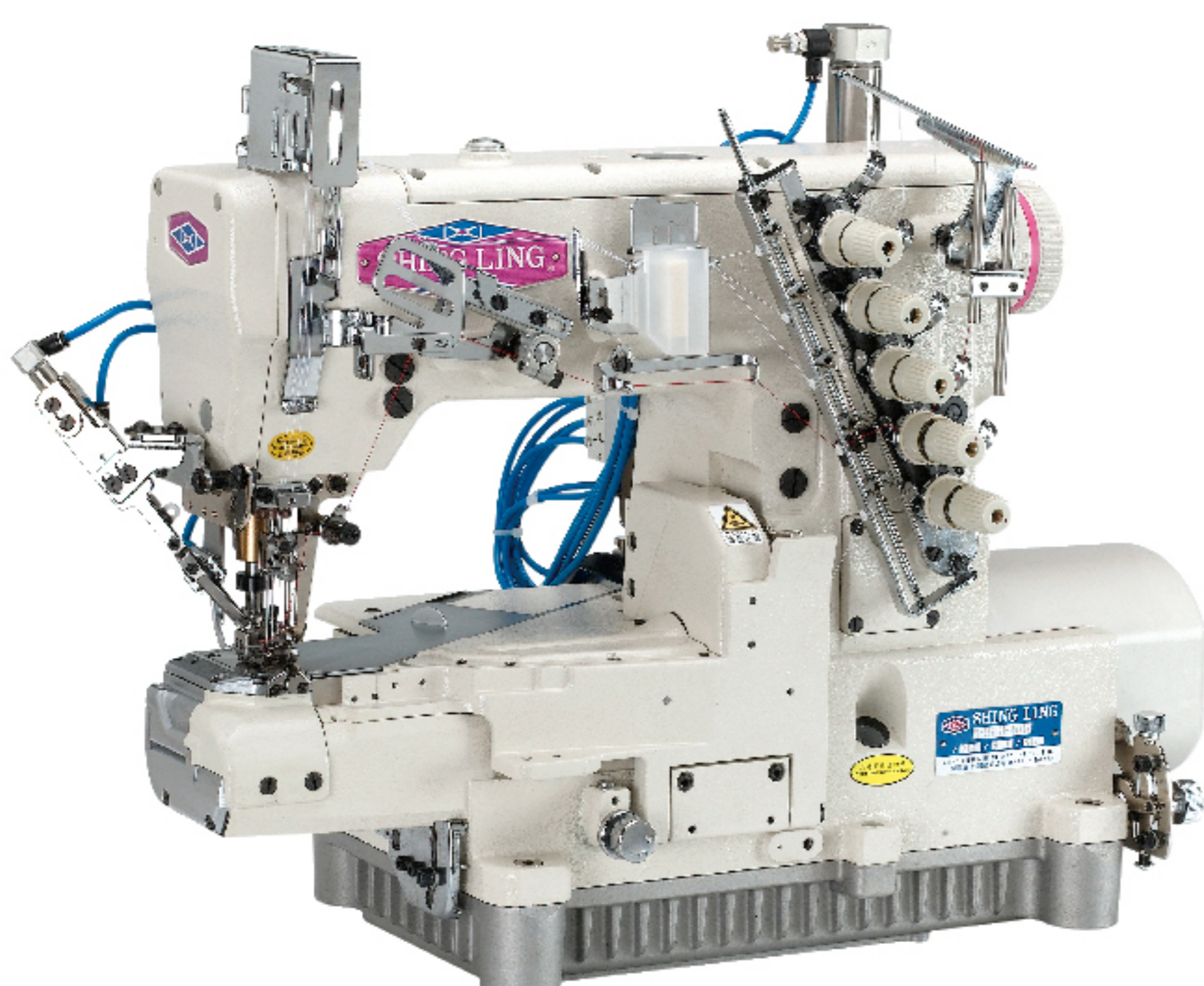
#### SL-1790S

Computer-controlled High-speed Lockstitch Buttonholing Machine  
高速電子平頭鎖眼機



#### VG-999-SB-AST/EST-DS

High-speed Short Cylinder-bed Interlock Machine with Thread Trimmer  
短筒型三針五線雙面飾綳縫機



#### VG-999-R500-AST-RP

Interlock Machine with Right-hand Knife and Rear Puller for Elastic Waistband Attaching  
高速橫筒型三針五線附右修刀雙面飾綳縫機



#### VG-999-356/EST/DS/ZBR

Dual Colors Decorative Stitches Interlock Machine with Top and Under Thread Trimmer  
高速橫筒型三針五線雙色上飾綳縫機

