

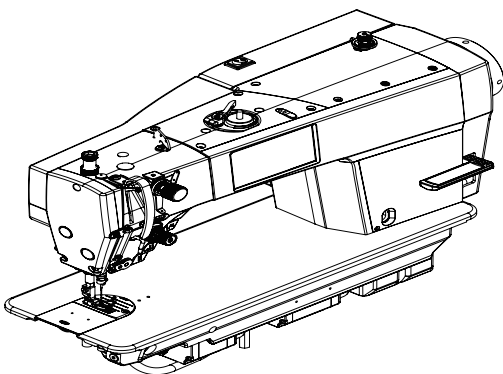
线头终结者

多轴联动微油电脑平缝机

No bird’s nest multi-axis linkage micro-oil computer flat sewing machine

零件手册

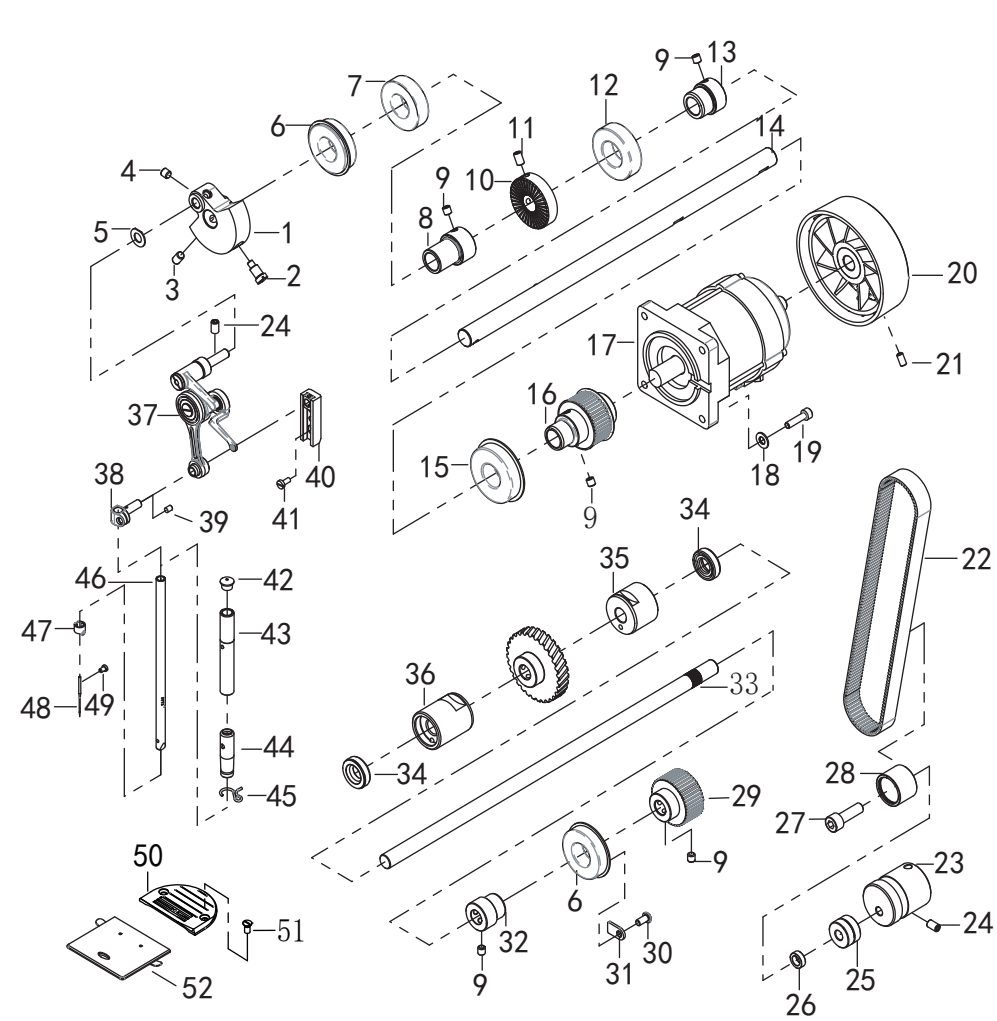
PARTS BOOK



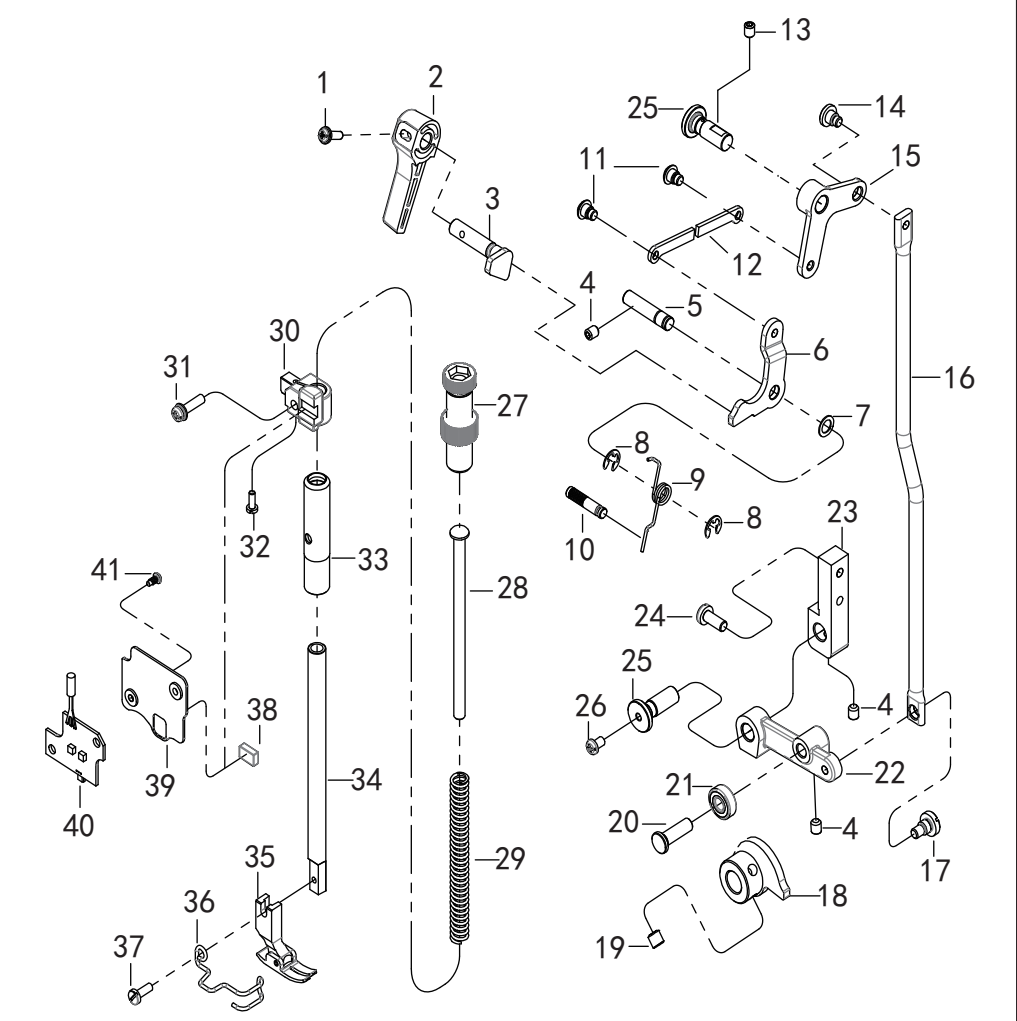
选购零件部件时，请注明序号，图号。

Please confirm the relative applications Ref.No,part No. when buying the parts.

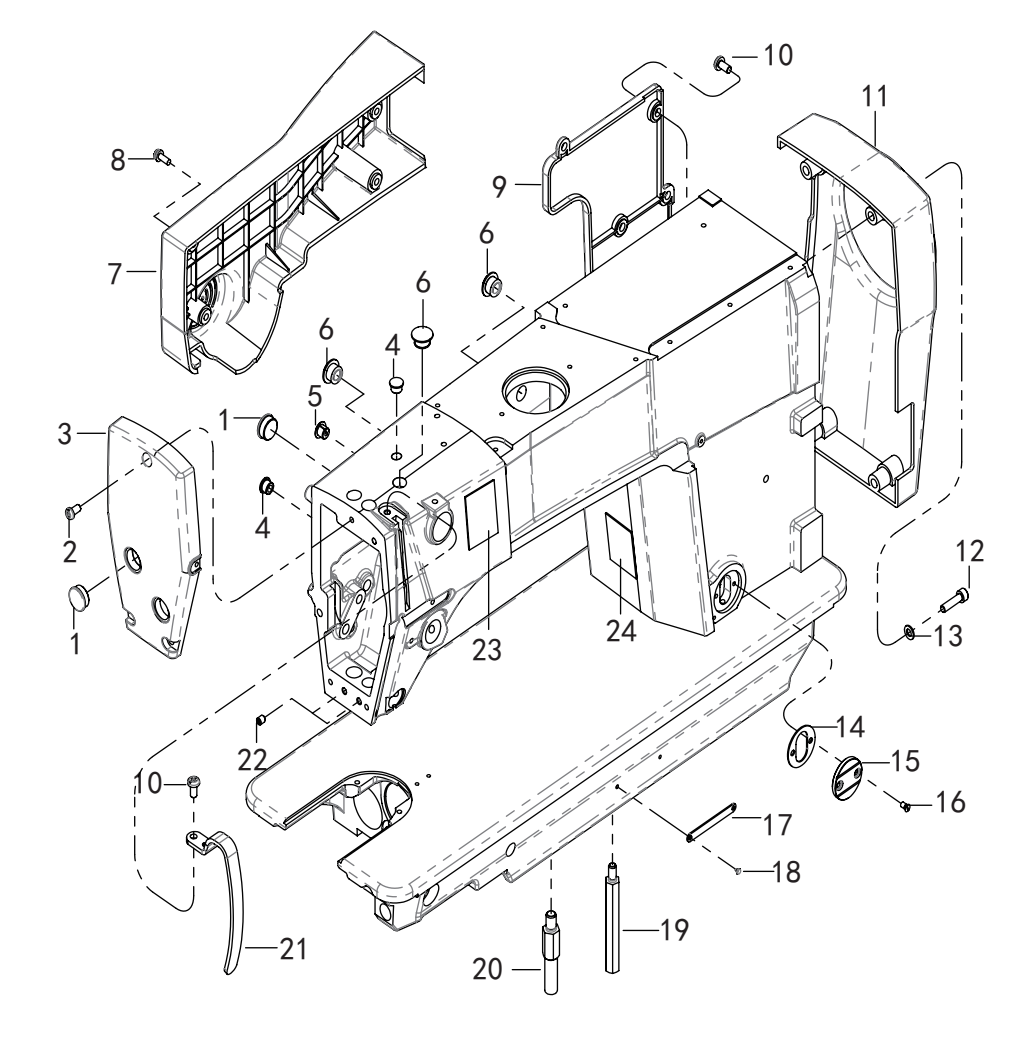
2.针杆与挑线杆装置/Needle bar and thread take-up mechanism



3.压脚装置/Presser foot mechanism

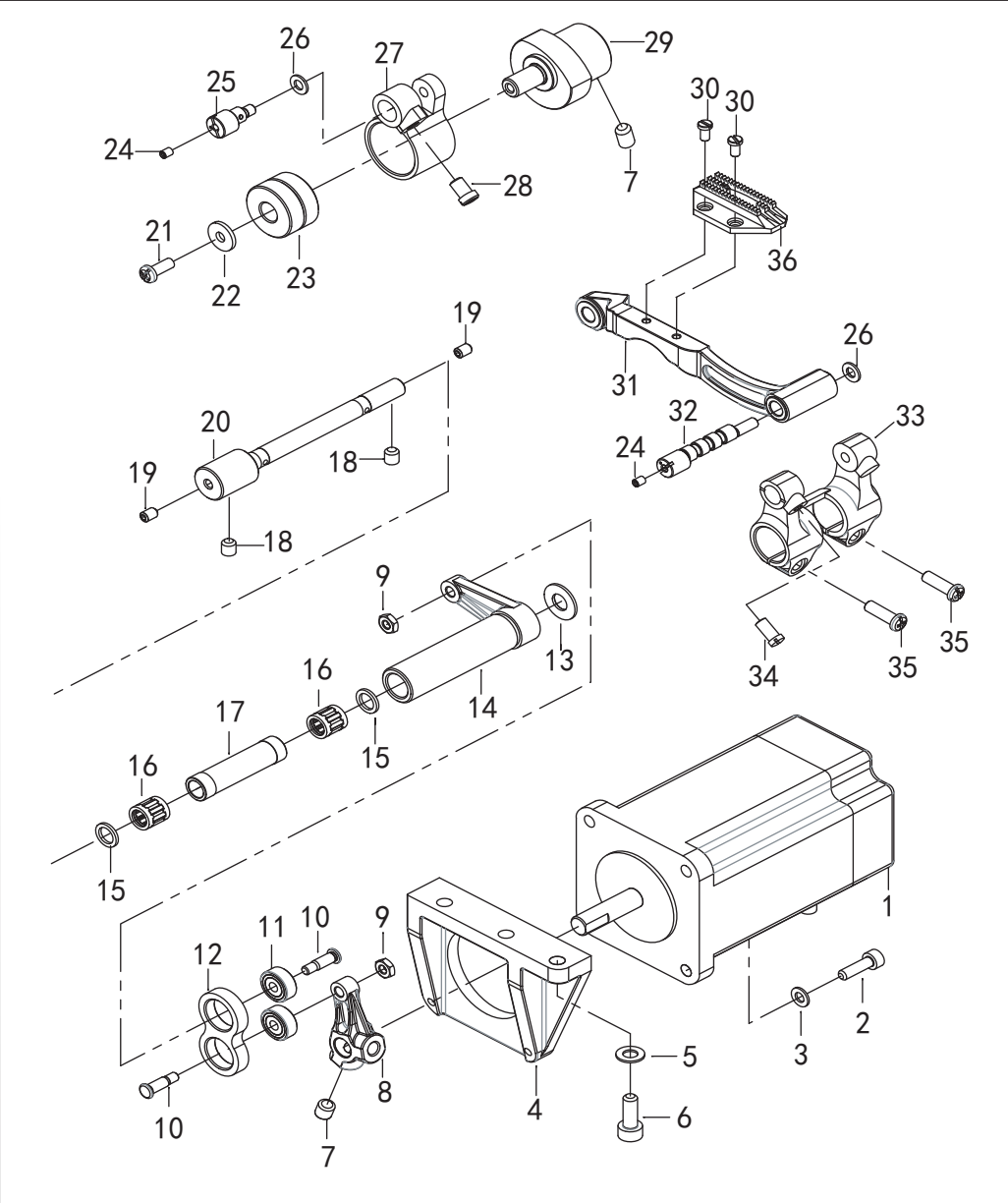


1.机体部分/Machine body



序号	图 号	数量	零 件 名 称	NAME OF PARTS
1	115010701	3	橡皮塞15.5	Rubber plug 15.5
2	062710812	3	螺钉SM4.76×28-9	Screw SM4.76×28-9
3	120013101	1	面板	Panel
4	115011401	2	橡皮塞8.5	Rubber plug 8.5
5	120014101	1	出线橡皮塞	Outlet rubber plug
6	101011001	3	孔塞12.5	Hole plug 12.5
7	120032801	1	侧罩壳	Side housing
8	062401217	4	螺钉M4×12（双垫片）	Screw M4x12 (double gasket)
9	180010801	1	后窗盖	Rear window cover
10	062500816	6	螺钉M5×8	Screw M5×8
11	120012901	1	马达罩盖	Motor cover
12	025050132	4	垫片5	Gasket 5
13	018502032	4	螺钉M5×20	Screw M5×20
14	168063501	1	油窗防油垫	Oil window grease pad
15	168063401	1	油量视窗板	Oil level window panel
16	168063801	2	螺钉SM3.57	Screw SM3.57
17	115012501	2	铆钉	rivet
18	115012301	1	机器编码	Machine coding
19	180011201	1	脚柱B	Pin B
20	180011101	3	脚柱A	Pin A
21	115090901	1	挑线杆防护罩	Pick rod guard
22	012500536	2	螺钉SM5×5	Screw SM5 x 5
23	6050304	1	轨迹粘贴纸	Track paper
24	606350101	1	警告标贴	Warning label

4.送料装置/Feed mechanism

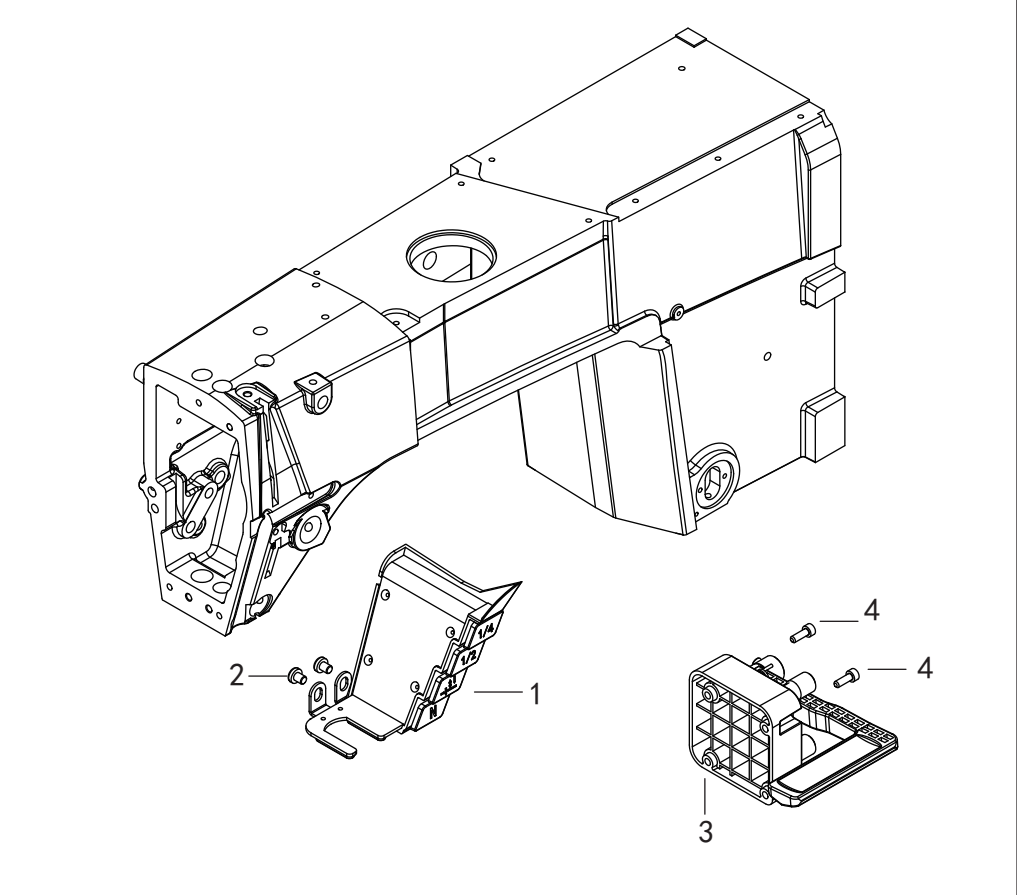


序号	图 号	数量	零 件 名 称	NAME OF PARTS
1	180024401	1	针杆曲柄	Needle lever crank
2	115021001	1	螺钉SM7.14×28	Screw SM7.14 x 28
3	101031601	1	螺钉SM7.14	Screw SM7.14
4	014770632	2	螺钉SM6.35×40-6	Screw SM6.35×40-6
5	115021402	1	垫片8×15.5	Gasket 8×15.5
6	115024502	2	上轴前轴承	Upper shaft front bearing
7	180020301	1	轴承6004ZZ	Bearing 6004ZZ
8	180022701	1	上轴前轴承轴套	Upper shaft front bearing bushing
9	014600632	12	螺钉M6×0.75-6	Screw M6x0.75-6
10	115021201	1	绕线驱动轮	Winding drive wheel
11	014500832	2	螺钉M5×8	Screw M5×8
12	180022501	1	上轴中轴承	Upper shaft middle bearing
13	180022601	1	轴承轴套	Bearing sleeve
14	180020725	1	上轴	Upper shaft
15	180020901	1	轴承6204	Bearing 6204
16	180022201	1	同步轮U	Synchronous wheel U
17	180033202	1	马达组件	Motor assembly
18	028050246	4	弹簧垫片T5	Spring gasket T5
19	018502032	4	螺钉M5×20	Screw M5×20
20	125033306-1	1	手轮	Hand wheel
21	012501032	2	螺钉M5×10	Screw M5 x 10
22	180022101	1	同步皮带	Synchronous belt
23	180047401	1	皮带调节轴	Belt adjusting shaft
24	012061032	2	螺钉M6×10	Screw M6x10
25	180046903	2	轴承Z608	Bearing Z608
26	180047201	1	张力轮管套	Tension wheel sleeve
27	180047301	1	螺钉M8×25	Screw M8×25
28	180047502	1	张力轮套	Tension wheel sleeve
29	180022001	1	同步轮D	Synchronous wheel D
30	062500816	2	螺钉M5×8	Screw M5×8
31	169201101	2	轴承压板	Bearing clamp
32	180020601	1	轴承轴套	Bearing sleeve
33	180020101	1	下轴	Lower shaft
34	180021001	2	油封25×7×12	Oil seal 25×7×12
35	180020401	1	下轴中套	Lower shaft sleeve
36	180020201	1	下轴前套	Lower shaft front sleeve
37	168022301	1	挑线杆组件M	Pick rod assembly M
38	168022402	1	针杆接头	Pin joint
39	115073601	1	小油毡	Small linoleum
40	180024301	1	针杆导向滑块组件	Pin guide slider assembly
41	115024601	2	螺钉SM3.57	Screw SM3.57
42	115010801	1	橡皮塞8.5	Rubber plug 8.5
43	115023001	1	针杆套U	Needle rod sleeve U
44	115020501	1	针杆轴套D套	Needle rod shaft sleeve D sleeve
45	180090301	1	针杆轴套D线勾	Needle rod shaft sleeve D line hook
46	115020601	1	针杆M	Needle Bar M
47	115023301	1	针杆过线环	Needle rod through thread loop
48	115024101	1	机针DB×1（#14）	Machine needle DB×1（#14）
49	115023101	1	螺钉SM4.37×40-6	Screw SM4.37×40-6
50	115023401	1	针板	faller
51	115023501	2	螺钉SM4.37×40-6	Screw SM4.37×40-6
52	101011801	1	推板	Push plate

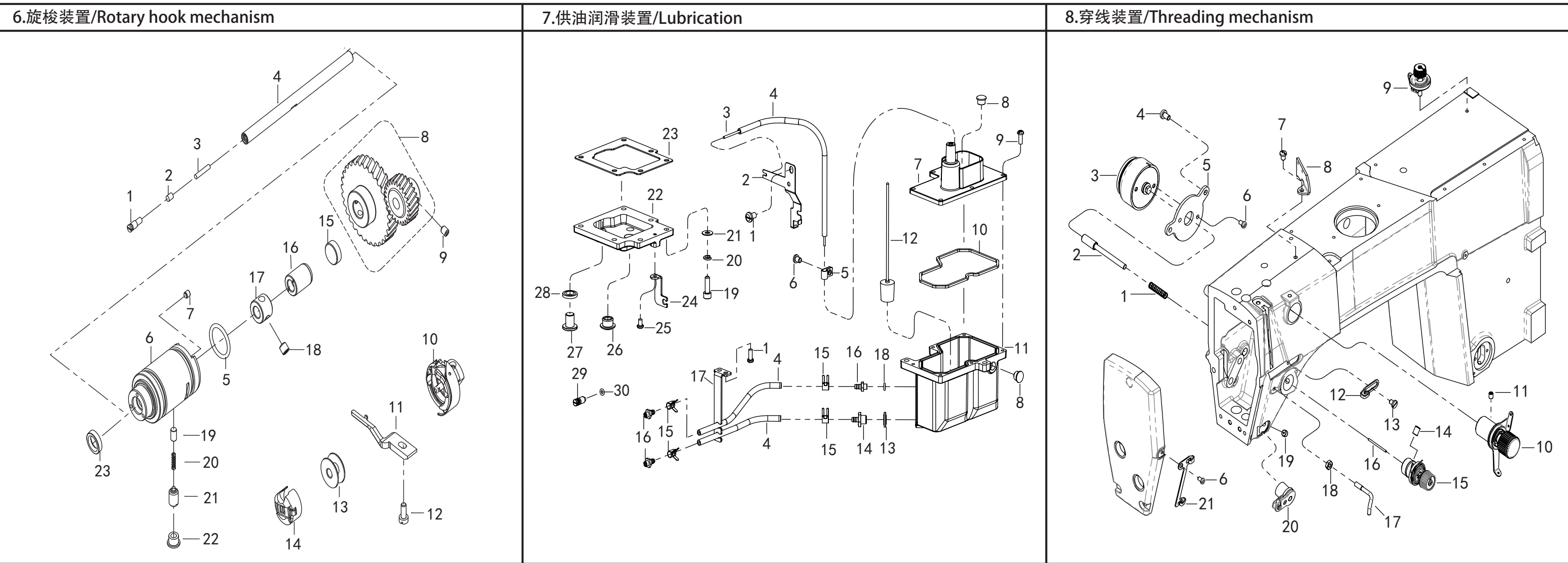
序号	图 号	数量	零 件 名 称	NAME OF PARTS
1	120012102	1	送料步进电机组件	Feeding stepper motor asm
2	018401436	4	螺钉M4×14	Screw M4×14
3	025040132	4	平垫圈4	Flat washer 4
4	120010601	1	电机安装座	Motor mount
5	028050246	3	弹簧垫片5	Spring washer 5
6	018501636	3	螺钉M5×16	Screw M5×16
7	014600632	4	螺钉M6×0.75-6	Screw M6×0.75-6
8	120010101	1	送料驱动曲柄	Feed drive crank
9	021350106	2	螺母M3.5	Nut M3.5
10	115026801	2	挑线连杆销	Thread take-up link pin
11	120012301	2	轴承624Z	Bearing 624Z
12	120010201	1	送布连杆	Feeding link
13	115021401	1	垫片8×15.5	Gasket 8×15.5
14	120010401	1	送料曲柄	Feed crank
15	120012401	2	轴垫片	Shaft gasket
16	120012201	2	滚针轴承K7x10x10	Needle roller bearings K7x10x10
17	120011001	1	送料曲柄衬套	Feeding crank bush
18	014500532	2	螺钉M5×5	Screw M5×5
19	012400532	2	螺钉M4×5	Screw M4×5
20	120010301	1	送料轴	Feed shaft
21	062401016	1	螺钉M4×10	Screw M4×10
22	180046904	1	垫片4.2×1.5	Spacer 4.2×1.5
23	180046903	2	轴承Z608	Bearing Z608
24	014300432	2	螺钉M3×4	Screw M3×4
25	180046101	1	上下送布台轴	Upper and lower feeding shaft
26	115046701	2	垫圈4.2	Washer 4.2
27	180046902	1	拾牙座	Tooth lifter
28	180046801	1	螺钉M5×7	Screw M5×7
29	180042601	1	拾牙叉曲柄	Fork crank

序号	图 号	数量	零 件 名 称	NAME OF PARTS
1	115032001	1	螺钉M3.5×12（带垫片）	Screw M3.5x12 (with gasket)
2	115031901	1	抬压脚扳手	Lift press foot wrench
3	115032101	1	抬压脚凸轮轴	Press foot lifting camshaft
4	012500536	3	螺钉M5×5	Screw M5×5
5	115031401	1	膝控提升短销	Knee lift short pin
6	169031201	1	抬压脚前杠杆	Lift presser foot front lever
7	115031301	1	垫圈6.4×10×0.5	Washer 6.4 x 10 x 0.5
8	048040342	2	挡圈E4	Stop ring E4
9	169031701	1	左杠杆复位簧	Left lever reset spring
10	115035401	1	弹簧销	Spring pin
11	115034301	2	轴位螺钉SM4.76	Shaft screw SM4.76
12	120033101	1	抬压脚拉杆	Lift foot pull rod
13	012501032	1	螺钉M5×10	Screw M5 x 10
14	169032201	1	轴位螺钉	Shaft screw
15	120033201	1	膝控提升手杆	Knee lift lever
16	180032301	1	膝靠提升杆	Knee lift bar
17	169032401	1	轴位螺钉6-4	Shaft position screw 6-4
18	168032702	1	抬压脚凸轮	Lift foot CAM
19	012600636	2	螺钉M6×0.75-6	Screw M6x0.75-6
20	169033401	1	轴承支撑轴	Bearing support shaft
21	169034001	1	轴承6196	Bearing 6196
22	180030102	1	压脚提升曲柄	Press foot to lift crank
23	180030101	1	抬压脚曲柄固定架	Press foot crank holder
24	062501216	2	螺钉M5×12	Screw M5×12
25	180030301	2	抬压脚曲柄轴	Lift foot crank shaft
26	062400612	1	螺钉M4×6	Screw M4x6
27	168031501	1	调压螺栓组件	Pressure regulating bolt assembly
28	115030401	1	弹簧手杆	Spring lever
29	115030502	1	压紧弹簧	Pinch spring
30	120013701	1	压杆导架	Pressure rod guide
31	062401617	1	螺钉M4×16（双垫片）	Screw M4×16 (double gasket)
32	060030812	1	螺钉M3×8	Screws M3 x 8
33	115030201	1	压紧杆轴套	Press the rod bushing
34	180030401	1	压紧杆	Hold-down rod
35	115030701	1	压脚组件	Presser pin group
36	115030901	1	护指器	Finger protector
37	115031001	1	螺钉M3.57×40-10	Screw M3.57×40-10
38	180030601	1	磁块	Magnetic block
39	168034001	1	电路板压板	Circuit board clamp
40	180011701	1	层缝感应电路板	Layer slit induction circuit board
41	168110302	2	螺钉ST3×6	Screw ST3×6

5.倒缝装置/Quick reverse mechanism

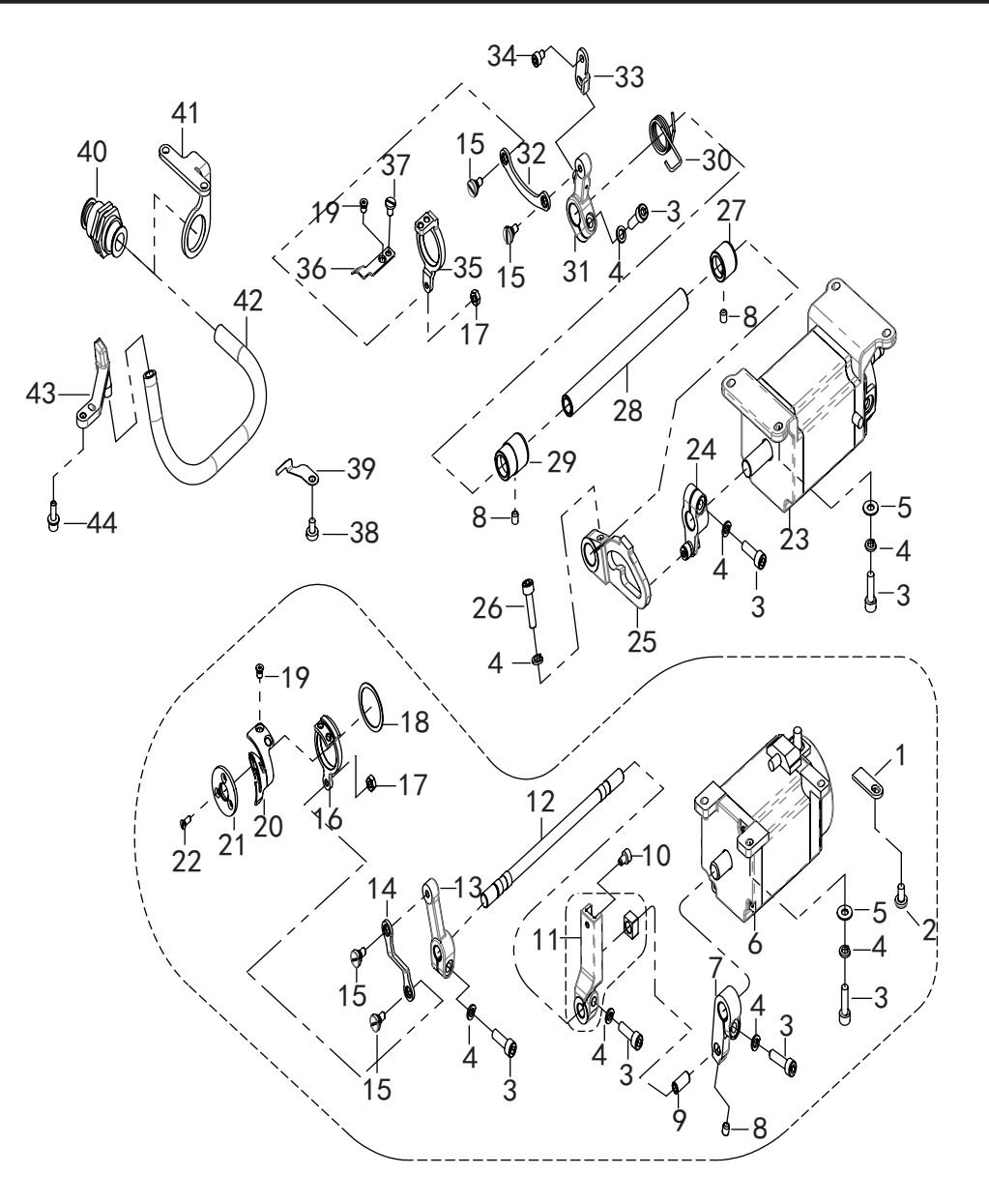


序号	图 号	数量	零 件 名 称	NAME OF PARTS
1	180150103	1	LED倒缝开关组件	LED reverse seam switch asm
2	062500616	2	螺钉M5×6	Screw M5×6
3	166203301	1	倒缝扳手总组件	Total assembly of inverted wrench
4	062401217	4	螺丝M4×12(双垫片)	Screw M4X12
序号	图 号	数量	零 件 名 称	NAME OF PARTS
30	180042801	2	螺钉M3x6	Screw M3x6
31	180049401	1	送布台	Cloth feeder
32	180046601	1	牙架销	Tooth frame pin
33	120011901	1	牙架座	Tooth holder
34	101062601	1	螺钉SM4.37×40-7	Screw SM4.37×40-7
35	115046301	1	螺钉SM4.37×40-14	Screw SM4.37×40-14
36	169046904	1	送料牙	Feeding teeth

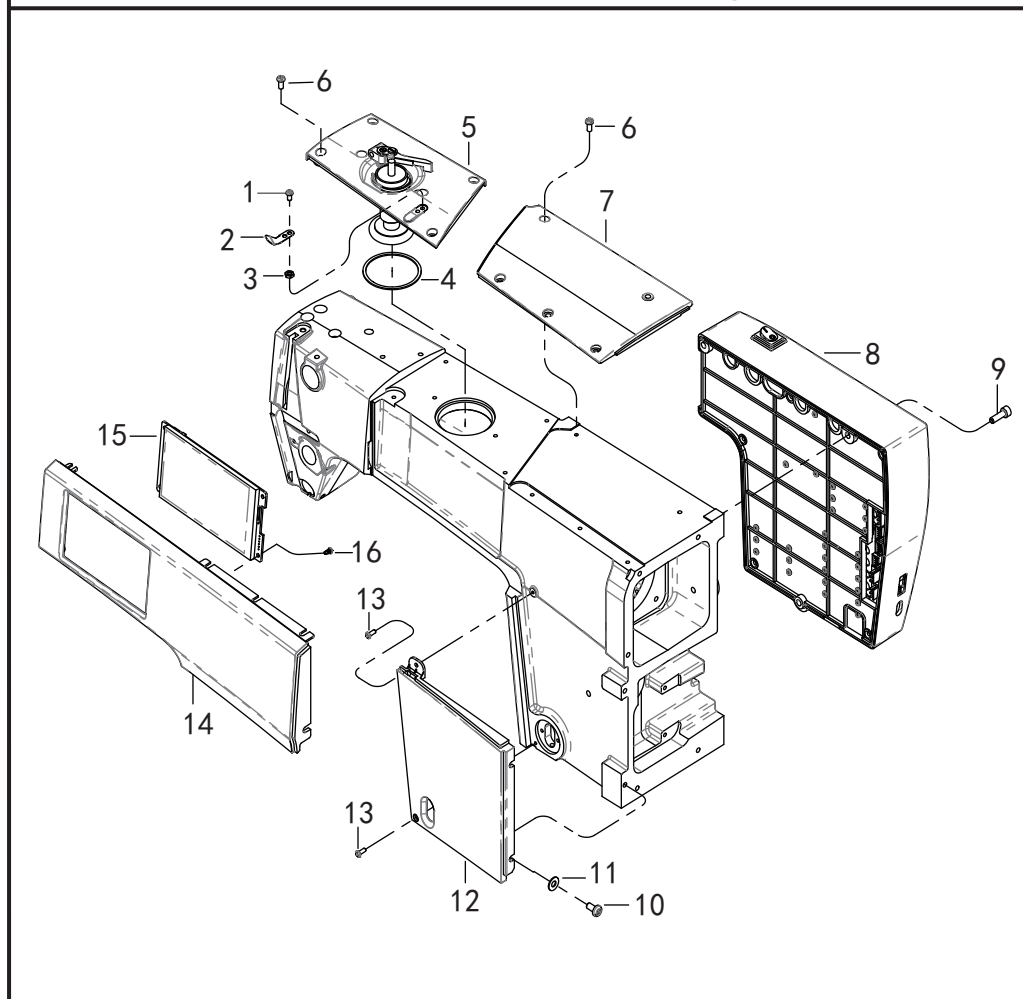


序号	图 号	数量	零 件 名 称	NAME OF PARTS	序号	图 号	数量	零 件 名 称	NAME OF PARTS	序号	图 号	数量	零 件 名 称	NAME OF PARTS
1	115071401	1	油盖螺钉	Oil cap screw	1	062500816	3	螺钉M5×8	Screw M5×8	1	169122701	1	松线杆复位簧	Loose rod return spring
2	115073601	1	小油毡	Small linoleum	2	180021901	1	油线挂钩组件	Oil line hook assembly	2	169122801	1	夹线轴	Clamping spool
3	115071901	1	油芯	Oil wick	3	115082401	1	油线	Oil line	3	103010501	1	松线电磁铁	Loose wire electromagnet
4	120010801	1	旋梭齿轮轴	Rotary hook gear shaft	4	5040202	3	尼龙油管3.2	Nylon Tubing 3.2	4	062500816	2	螺钉M5×8	Screw M5×8
5	115073301	2	O型圈	O-ring	5	101090401	1	油管夹	Tubing clamp	5	120013201	1	电磁铁安装板	Electromagnet mounting plate
6	120010701	1	泵轴套	Pump shaft sleeve	6	101010901	1	螺钉SM4.76×28-6	Screw SM4.76×28-6	6	062400616	3	螺钉M4×6	Screw M4x6
7	115022801	1	橡皮塞4・2	Rubber stopper 4・2	7	120032401	1	油盒盖	Oil box cover	7	101010901	1	螺钉SM4.76×28-6	Screw SM4.76×28-6
8	180021400	1	旋梭齿轮组件	Rotary hook gear assembly	8	115011401	2	橡皮塞8.5	Rubber plug 8.5	8	115090301	1	穿线板	Cable board
9	012500632	1	螺钉M5X6	Screw M5X6	9	062401217	6	螺钉M4×12(双垫片)	Screw M4x12 (double gasket)	9	168072301	1	绕线器夹线组件	Winder clamp assembly
10	115072313	1	旋梭组件	Rotary hook assembly	10	120032501	1	油盒密封垫	Oil box gasket	10	120014001	1	调线夹线器组件	Wiring clamp assembly
11	120031801	1	旋梭定位钩	Rotary hook positioning hook	11	120032301	1	油盒	Oil box	11	101022201	1	螺钉SM4.76×28-6	Screw SM4.76×28-6
12	125042401	1	螺钉SM4. 37-40X10	Screw SM4. 37-40X10	12	180085401	1	浮球组件	Float assembly	12	101020701	1	右线勾	Right hook
13	115072401	1	梭芯	Bobbin	13	101100501	1	排油孔密封圈	Oil drain hole seal ring	13	101020201	1	螺钉SM4.37×40-6	Screw SM4.37×40-6
14	115072701	1	梭心套组件	Bobbin set components	14	115080501	1	供油口	Oil delivery port	14	101020401	1	螺钉SM5.95×28-7	Screw SM5.95 x 28-7
15	125013001	1	孔塞15.2	Hole plug 15.2	15	115085501	4	油管夹	Tubing clamp	15	166202201	1	夹线器组件M	Clamp assembly M
16	120010901	1	旋梭轴后套	Hook shaft back cover	16	115080401	3	供油口	Oil delivery port	16	169092602	1	挺线钉	Tappet nail
17	115072001	1	紧圈	Tight circle	17	120032201	1	油管支架	Tubing support	17	101020502	1	大线勾	Bull hook
18	014770432	2	螺钉SM6.35-40x4	Screw SM6.35-40x4	18	081004070	1	O型圈7.2×1.8	O-ring 7.2 x 1.8	18	115111601	1	螺母SM4.37×40	Nut SM4.37 x 40
19	115083001	1	柱塞	Plunger	19	018501636	6	螺钉M5×16	Screw M5×16	19	013760532	1	螺钉SM5.95×28-5	Screw SM5.95 x 28-5
20	115083301	1	弹簧	spring	20	028050246	6	弹簧垫圈T5	Spring washer T5	20	103012201	1	电子夹线器	Electronic wire clamp
21	115083501	1	泵盖螺钉	Pump cover screws	21	025050236	6	垫片5	Gasket 5	21	180090201	1	面板线勾	Panel hook
22	115011001	1	橡皮塞10.5	Rubber stopper 10.5	22	120011101	1	小油盒	Small oil box					
23	115073401	2	油封	Oil seal	23	120011201	1	小油盒垫片	Small oil box gasket					
					24	120011301	1	油管夹	Tubing clamp					
					25	062400616	1	螺钉M4×6	Screw M4x6					
					26	101011001	1	孔塞12.5	Hole plug 12.5					
					27	188200301	1	防油螺钉	Oil-proof screw					
					28	188200201	1	放油螺钉垫片	Oil drain screw gasket					
					29	115081502	1	调节螺钉	Adjusting screw					
					30	081004870	1	O型圈S4	O-ring S4					

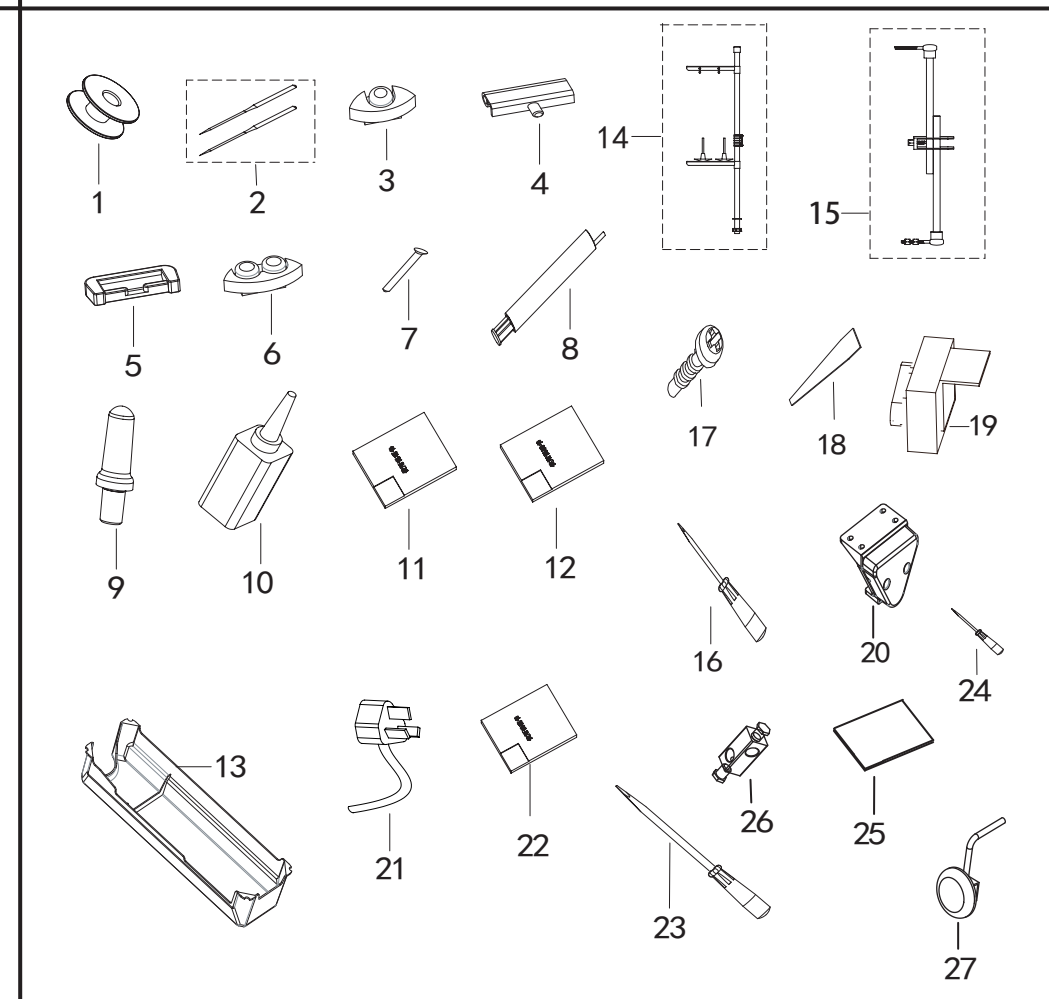
9.切线装置/Thread trimmer mechanism



10.控制箱装置和操作盒/Control box device and operation box



11.附件/Accessories



序号	图 号	数量	零 件 名 称	NAME OF PARTS	序号	图 号	数量	零 件 名 称	NAME OF PARTS	序号	图 号	数量	零 件 名 称	NAME OF PARTS
1	120031601	1	电线压板L	Wire clamp L	1	062350616	2	螺钉M3.5×6	Screw M3.5 x 6	1	115072401	3	梭芯	Bobbin
2	062500816	1	螺钉M5×8	Screw M5×8	2	101022701	1	割线刀	Line cutter	2	115024112	4	机针 DBX1-(#14)	Needle (DBX1) #14
3	018501636	11	螺钉M5×16	Screw M5×16	3	021350106	2	螺母M3.5	Nut M3.5	3	115150601	2	头部防震垫	Quakeproof washer
4	028050246	12	弹簧垫T5	Spring pad T5	4	168072901	1	绕线器密封垫	Winder gasket	4	115150401	2	机头铰链板	Machine hinge plate
5	025050132	6	平垫圈S5	Flat washer S5	5	120012601	1	绕线器组件	Wire winder assembly	5	115150501	4	机头铰链套	Hinge sleeve head
6	120031101	1	下切刀步进电机	Lower cutting tool stepper motor	6	062401016	10	螺钉M4×10	Screw M4 x 10	6	115150801	2	头部防震垫 R	Quakeproof washer R
7	120031001	1	下切刀驱动曲柄	The bottom cutter drives the crank	7	120012701	1	机壳上盖板	Cover plate on the housing	7	5050111	4	钉	Nail
8	012500536	3	螺钉M5×5	Screw M5×5	8	120032601	1	控制箱组件	Control box assembly	8	5030906	1	油脂注射器	Grease injector
9	166200601	1	驱动曲柄销	Drive the crank pin	9	018501636	3	螺钉M5×16	Screw M5×16	9	169130901	1	机头撑杆	Head rest
10	018400636	1	螺钉M4×6	Screw M4x6	10	062501032	3	螺钉M5×10	Screw M5 x 10	10	115151001	1	中号油壶	Oil reservir
11	120030801	1	下切刀导向曲柄	Lower cutter guide crank	11	025050236	3	平垫片5	Flat gasket 5	11	6050201	1	零件手册	Parts book
12	120030601	1	下切刀曲柄轴	Bottom cutter crank shaft	12	120012801	1	前盖板	Front cover plate	12	6050107	1	使用说明书	Instruction book
13	120030401	1	下切刀曲柄	Bottom cutter crank	13	168012501	2	螺钉M3×8	Screws M3 x 8	13	169085001	1	油盘	Oil box
14	120030201	1	下刀架连杆	Lower tool holder connecting rod	14	120012501	1	显示屏外壳	Display case	14	115151401	1	线架组件2DR	Thread stand asm 2DR
15	125080601	4	轴位螺钉M4×6	Shaft position screw M4x6	15	120013801	1	5寸屏	5-inch screen	15	115151901	1	连杆组件	Connecting rod assy
16	168211101	1	下刀架	Lower tool rest	16	168110302	4	螺钉ST3×6	Screw ST3×6	16	115151701	12	螺丝刀（中）	Screw dirver
17	021400306	2	螺母M4	Nut M4						17	152208101	3	木螺钉	Wood screws
18	125081801	1	刀架垫片	Tool rest gasket						18	5040104	1	尼龙扎带3X10	Nylon cable tie 3x100
19	115111301	3	螺钉SM4.37	Screw SM4.37						19	115152001	1	控速器	Speed controller
20	120032001	1	下动刀	underknife	33	120031501	1	挡板	Baffle plate	20	169050101	1	电子膝靠组件	Electronic knee rest
21	125082501	1	动力压板	Knife pressure plate	34	018401036	2	螺钉M4×10(三组合)	Screw M4×10 (three combinations)	21	125122801	1	电源线	power cable
22	125080401	3	压板螺钉M3×5	Pressure plate screws M3 x 5	35	168211001	1	上刀架	Top rest	22	6050108	1	电控使用说明书	Electronic control manual
23	180110403	1	剪线抬压脚步进电机	Cut wire lift step into the motor	36	120032101	1	上动刀	Top action knife	23	115151801	1	螺丝刀（大）	Screwdriver (large)
24	120030901	1	上切刀驱动曲柄	The upper cutter drives the crank	37	125080501	1	螺钉SM4.37×40-6	Screw SM4.37×40-6	24	115151601	1	螺丝刀（小）	Screwdriver (small)
25	120030701	1	上切刀导向曲柄	Upper cutter guide crank	38	115110701	1	螺钉SM4.37×40-6	Screw SM4.37×40-6	25	6040101	1	机头罩	Hood
26	018502032	1	螺钉M5×20	Screw M5×20	39	120031701	1	压线板	Cable ramp	26	125104101	1	膝控接头	Knee joint
27	120031201	1	切刀后轴套	Cutter rear shaft sleeve	40	120033001	1	两通气管接头PM-10	Two-vent gas fitting PM-10	27	125104001	1	膝控组件	Knee control unit
28	120030501	1	上切刀曲柄轴套	Upper cutter crank shaft sleeve	41	120032901	1	接头支架	Joint support					
29	120031301	1	切刀前轴套	Cutter front shaft sleeve	42	120033301	1	气管10	Tracheal 10					
30	120031401	1	上刀架复位簧	Upper tool rest return spring	43	120031901	1	吸风支架	Suction support					
31	120030301	1	上切刀曲柄	Upper cutter crank	44	018401236	2	螺钉M4×12(双垫片)	Screw M4x12 (double gasket)					
32	120030101	1	上刀架连杆	Upper tool rest connecting rod	45	120032701	1	气源总组件	Total air supply components					