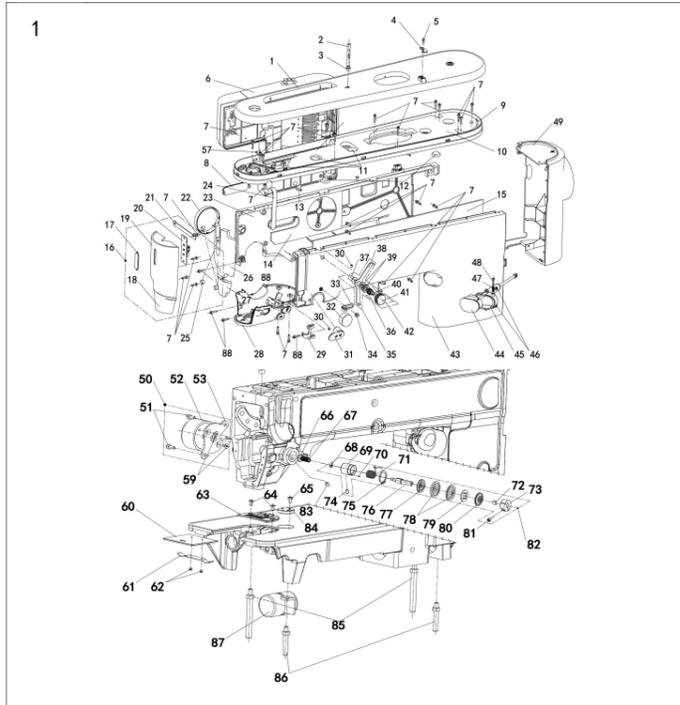


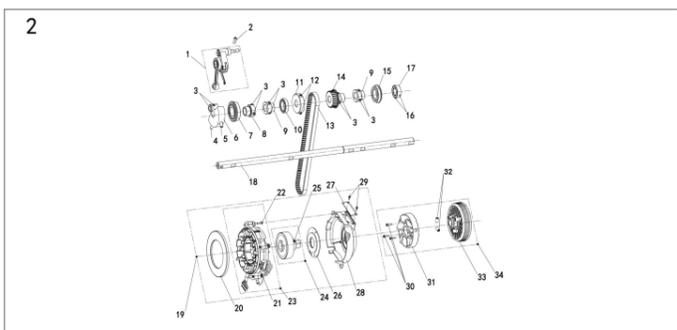
零件手册 Parts Manual



1. 机壳、外装部件/Machine Frame & Miscellaneous Cover Components

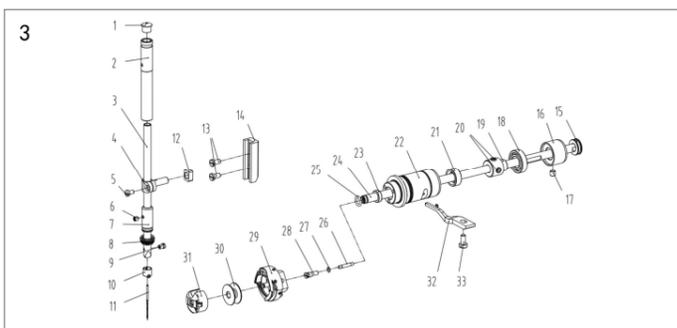
序号NO.	公司件号	Part NO.	名称	PartName	零件描述	Description	数量	Number
1	116011026		顶盖壳	Top cover shell			1	
2	116013007		上梁先头柱柱	Line crossing column			1	
3	N01004		六角螺母M5	Hexagonal nut M5			1	
4	11419001		轴衬	Knife			1	
5	1160N518002		十字槽盘头螺钉M3x6	Screw M3 L=6			1	
6	11603300100		一体机控制器(T19-2.8M)	All-in-one machine controller(T19-2.8M)			1	
7	S05052		内六角圆柱头螺钉M3x10	Screw M3 L=10			34	
8	116011012		后盖板安装壳	Rear lugboat cover			1	
9	116011027		上盖壳	Upper cover shell			1	
10	116023003		上盖壳海绵垫	Silent cotton for upper cover shell			1	
11	11602017		橡胶垫φ12.3	Rubber pad φ12.3			3	
12	11602018		橡胶垫5x12.3	Rubber pad 5x12.3			2	
13	S05601		内六角圆柱头螺钉M3x18	Screw M3 L=18			1	
14	116023002		后盖壳海绵垫	Silent cotton for rear cover shell			1	
15	116023001		前盖壳海绵垫	Silent cotton for front cover shell			1	
16	116001000		面板组件	Panel component			1	
17	116011019		呼吸灯罩壳	Breathing light cover shell			1	
18	116011018		下面板	Lower panel			1	
19	116011017		上面板	Top panel			1	
20	11603000500		LED灯组件φ4.5x46	LED lamp assembly			1	
21	116012015		连接条	Connection bar			1	
22	116011014		电子线张力后盖壳	Electronic wire tension rear cover			1	
23	116011011		后盖壳	Rear cover shell			1	
24	116012016		线轴防护罩	Thread take-up lever protective cover			1	
25	116047002		磁铁φ8×6	Magnet φ8×6			4	
26	116023004		上盖壳海绵垫	The upper panel's sound insulation cotton			1	
27	116023005		下盖壳海绵垫	The lower panel's sound insulation cotton			1	
28	1160300300		反转开关组件φ4.5x420	Reverse switch switch assembly component			1	
29	116013010		左侧过线钩	Left-side overline hook			1	
30	S09103		内六角平端圆头螺钉M4x4	Screw M4 L=4			2	
31	11603002100		电子夹线器	Electronic wire clamp			1	
32	11601104900		电子线张力前盖壳	Electronic wire tension front cover			1	
33	116013016		右侧过线钩	Right-side overline hook			1	
34	1160N511001		开槽圆柱头螺钉M4x6	Screw M4 L=6			1	
35	11601303300		夹线器组件(小)	Clamp wire assembly (small)			1	
36	116027004		小夹线弹簧	Small clamp spring			1	
37	1160N530003		夹线器	Wire clamp holder			1	
38	116013032		小夹线器过线板	Small clip wire guide plate			1	
39	116013036		小夹线器夹线片	Small clip wire piece			2	
40	11601304000-01		螺母	Nut			1	
41	11601304000-02		螺母	Nut			1	
42	11601300400		夹线器螺钉Tφ8x44	Clamp wire screw φ8x44			1	
43	11601100300		前盖壳罩壳组件	Front cover shell			1	
44	11603002800		摄像头组件	Camera component			1	
45	116001006		前置摄像头安装座	Front camera mounting bracket			1	
46	S16042		十字槽盘头螺钉ST3x8	Screw ST3 L=8			2	
47	116027001		摄像头系带弹簧	Camera fastening spring			1	
48	1160N519001		摄像头头螺钉M3x14	Screw M3 L=14			1	
49	116011025		主轴电机罩壳	Spindle motor cover shell			1	
50	11603001900		松线电磁铁组件2210	Solenoid wire component 2210			1	
51	S504N513001		内六角薄型圆柱头螺钉M5x10	Screw M5 L=10			2	
52	116030011		松线电磁铁2210 (线长370)	Pipeline electromagnet 2210			1	
53	116015004		电磁铁安装板	Electromagnet mounting plate			1	
54	10122013		孔塞φ8.5(杆上封套)	Rubber plug			1	
55	116026017		螺母	Threaded pin			2	
56	116013035		摄像头底座板	Camera mounting plate			1	
57	116013012		顶部过线板	Top crossing plate			2	
58	930002128		机壳(喷漆)	Host casing			1	
59	S260031		内六角沉头螺钉M4x6	Screw M4 L=6			2	

60	116015005		推板	Push plate			1	
61	10127009		推板片簧	Push plate spring			2	
62	101511019		开槽圆柱头螺钉SM3/32"×56×2	Screw SM3/32"×56 L=2			2	
63	116015009		针板E16	Needle plate			1	
64	1160N515002		开槽半沉头螺钉SM11/64"×40 L=5	Screw SM11/64"×40 L=5			2	
65	1160N511002		开槽圆柱头螺钉SM11/64"×40x5	Screw SM11/64"×40 L=5.5			1	
66	116023010		松线轴T5x11	Pine thread nail 5x11			1	
67	116027008		压缩弹簧	Compression spring			1	
68	H050006		开口挡圈3.5	Snap ring 3.5			1	
69	116003020		夹线器	Clamp holder			1	
70	116040004		减震器	Shock-absorbing plug			1	
71	116027005		插簧φ0.6	Thread picking spring φ0.6			1	
72	116009003		垫块2.2	Pad block 2.2			1	
73	116008007		挡圈5x18.5x8	Retaining ring 5x18.5x8			1	
74	S10122		内六角圆头螺钉M4x6	Screw M4 L=6			1	
75	H030016		袖用弹性挡圈A型17	Snap ring 17			1	
76	116002020		夹线杆37.4	Utility pole 37.4			1	
77	116012020		推力片	Thrust pad			1	
78	14112015		夹线板	Clamp plate			1	
79	116022006		橡胶垫片	Rubber gasket			1	
80	116012019		阻力片钣金件	Resistance plate sheet metal			1	
81	S050197		内六角圆柱头螺钉M3x10	Screw M3 L=10			1	
82	11601303100		夹线器线架	Clamp Wire Assembly			1	
83	S10121		内六角圆头螺钉M5x5x5	Screw M5 L=5			1	
84	13812019		夹线器	Clamp holder			1	
85	143512002		底座板	Baseplate support pillar			1	
86	1160N512001		底座板	Baseplate support pillar			2	
87	116013035		吸振器	Vibration absorption buffer			1	
88	421513061		内六角圆柱头螺钉M3x10	Screw M3 L=10			6	



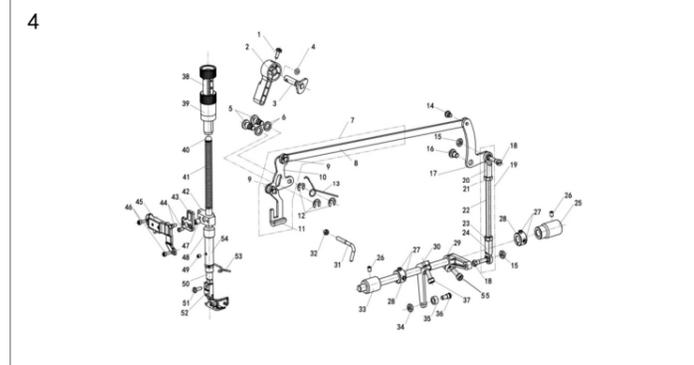
2. 上轴、挑线部件/Main Shaft & Thread Take-up Components

序号NO.	公司件号	Part NO.	名称	PartName	零件描述	Description	数量	Number
1	11413800400		挑线组件	Thread take-up component			1	
2	101515001		开槽圆头螺钉SM5/64"×28×15	Screw SM5/64"×28 L=15			1	
3	S10122		内六角圆头螺钉M6x0.75x6	Screw M6x0.75 L=6			10	
4	101515004		开槽圆头螺钉SM9/32"×28×16	Screw SM9/32"×28 L=16			1	
5	101511003		开槽圆头螺钉SM9/32"×28×16	Screw SM9/32"×28 L=16			1	
6	14304004		针板组件	Needle bar crank			1	
7	B100007		深沟球轴承6004-2RZNR(进口)	Bearing 6004-2RZNR			1	
8	116003019		前上轴轴套φ14.72x20x22.5	Main shaft bushing front			1	
9	14403008		上轴轴套φ14.72x20x20.2	Main shaft bushing			2	
10	B040031		深沟球轴承61804-2RZ(进口)	Bearing 61804-2RZ			1	
11	11443013		挑线器同步带14.72x43x10.5	Main shaft belt 14.72x43x10.5			2	
12	S10009		内六角圆头螺钉M6x8发黑	Screw M6 L=8			4	
13	116022004		圆齿同步带9x550 (B8)	synchronous belt 9x550			1	
14	116035003		圆齿同步带9x550 (A8)	synchronous belt 9x550			1	
15	1160250100		橡胶垫φ14.72x43x10.5	Rubber pad φ14.72			12	
16	B100009		深沟球轴承61904-2R	Bearing 61904-2R			1	
17	S10005		GB/T1982-1998螺钉M3x3(进口)	Screw M3 L=3			4	
18	115008001		电机防尘罩	Motor dust cover			1	
19	116020010		挑线器同步带14.72x43x10.5	Main shaft belt φ14.72x20.2			2	
20	116033002		伺服电机550W注油	Servo motor 550W			1	
21	195111123		绝缘罩	Motor insulation shield			1	
22	195150116		十字槽小盘头组合螺钉M4×28	Screw asm. M4 L=28			4	
23	195150110		内六角圆柱头螺钉M5×20发黑	Screw asm. M5 L=20			4	
24	195100393		定子组件	Motor stator			1	
25	195100324		转子总成	Motor rotor			1	
26	S09113		内六角平端圆头螺钉M6x6发黑	Screw M6 L=6			2	
27	195100597		夹线器	Motor guiding sensor asm.			1	
28	195111184		电机罩壳	Motor cover plate			1	
29	195111183		电机罩壳	Motor cover asm			1	
30	S09937		内六角圆柱头螺钉M3x12 8.8级	Screw M3 L=12			2	
31	S05328		内六角圆头螺钉M3x10发黑	Screw M3 L=10			3	
32	116011015		风叶	Fan blade			1	
33	S10009		内六角圆头螺钉M6x8发黑	Screw M6 L=8			2	
34	B31800002		手轮	Handwheel			1	
35	B31800002		手轮组件	Handwheel component			1	



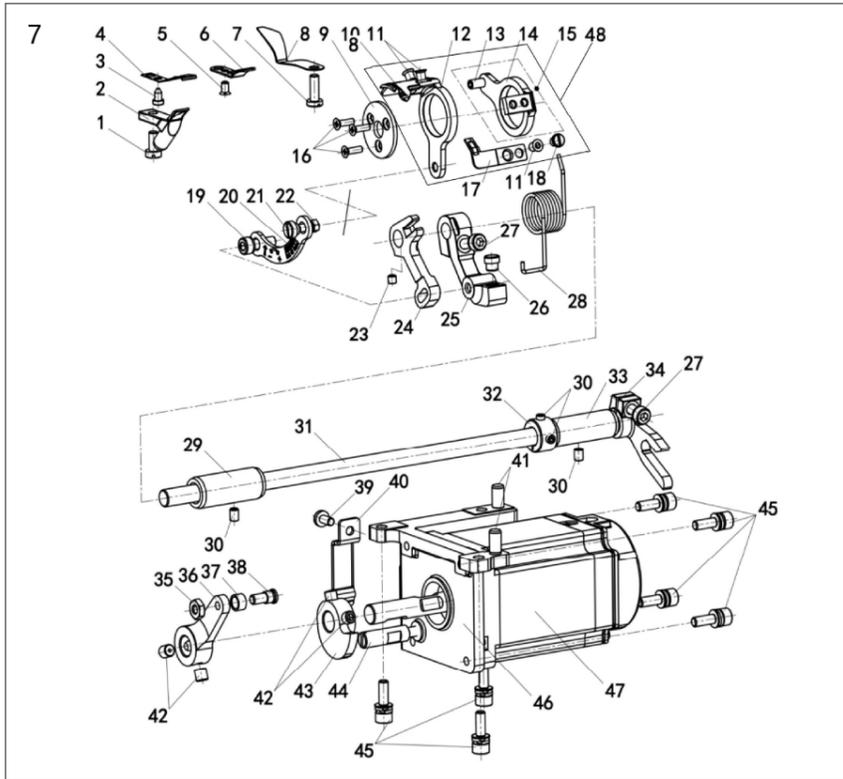
3. 针杆、竖轴、下轴部件/Needle bar & Upright Shaft & Hook Driving Shaft Components

序号NO.	公司件号	Part NO.	名称	PartName	零件描述	Description	数量	Number
1	40322014		孔塞φ8.4(杆上封套)	Rubber plug			1	
2	14103009		上杆衬套φ7.24x11.5x8.5	Needle bar bushing upper			1	
3	11402034		针杆φ7.24x14xSM178"×44	Needle bar			1	
4	14194007		针杆连接杆(DC连接)	Needle bar connecting rod			1	
5	101511005		开槽盘头螺钉SM9/64"×40×6	Screw SM9/64"×40 L=6			1	
6	207514007		内六角圆头螺钉M4x48.8	Screw M4x4 L=4			1	
7	116003005		下杆衬套φ7.24x10.9x2.5	Needle bar bushing lower			1	
8	116022002		针杆无油密封φ13.5xφ5.7x7.2	Needle rod oil seal			1	
9	104511006		开槽盘头螺钉SM17/8"×44×4.6	Screw SM17/8"×44 L=4.6			1	
10	10113002		杆下轴衬套	Lower bushing, thread guide			1	
11	11217001		风车针轴11#	Needle			1	
12	116009002		针杆前盖φ6x35	Slide block			1	
13	101511008		开槽圆柱头螺钉SM11/64"×40×8	Screw SM11/64"×40 L=8			2	
14	115008010		左上轴衬套φ4x5	Needle bar guide			1	
15	116024004		推力球轴承1xφ16x5	Thrust ball bearing			1	
16	116003008		压杆轴衬套	Lower shaft rear bushing			1	
17	S10007		内六角圆头螺钉M4x4	Screw M4 L=4			1	
18	B060012		深沟球轴承1901-2RZ(进口)	Deep groove ball bearing			1	
19	141703035		下轴轴衬套	Lower shaft rear bearing sleeve			1	
20	S10122		内六角圆头螺钉M6x0.75x6	Screw M6x0.75 L=6			2	
21	112522012		下轴前盖衬套φ18xφ7.4x7(A)	Oil seal			1	
22	116003015		下轴轴套组件	Hook driving shaft bushing front			1	
23	115022018		油封组件φ12xφ7.4x3.5(进口)	Oil seal			1	
24	116003006		下轴轴套	Lower driving shaft			1	
25	115022044		O型圈φ6×0.8	Rubber ring 7.1x1.8			1	
26	116036003		下轴轴套	Oil wick			1	
27	141822002		O型圈3.6×0.8	Rubber ring 3.6x0.8			1	
28	1160N51003		内六角圆头螺钉SM3/16"×32x14	Set screw			1	
29	116018006		广澳无油密封φ16	Oil free needle protection rotary shuttle (Imported)			1	
30	10118003		滤芯1倍	Bobbin			1	
31	11218504		滤芯1倍	Bobbin case asm.			1	
32	10112016		滤芯1倍	Bobbin case asm.			1	
33	101511011		开槽圆柱头螺钉SM11/64"×40×9.5	Screw SM11/64"×40 L=9.5			1	



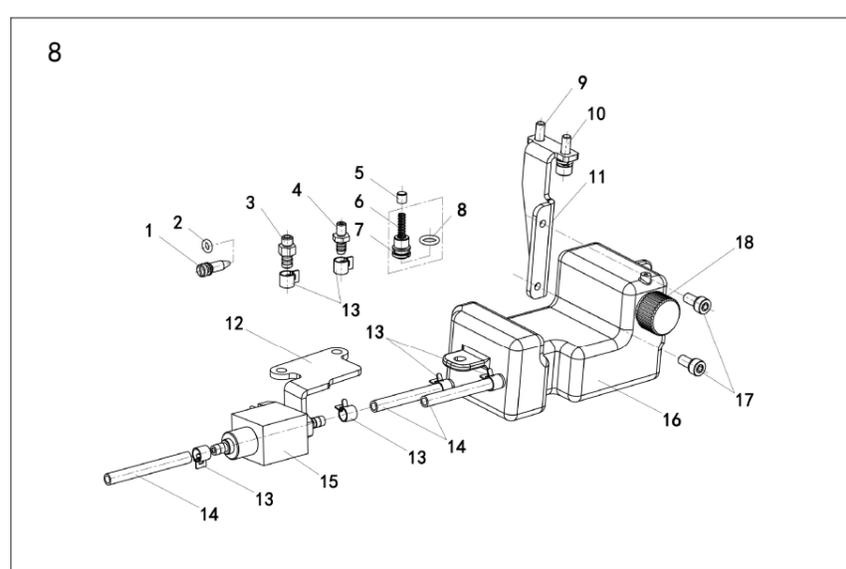
4. 压料、自动抬脚部件/Presser Bar & Auto Lifter Components

序号NO.	公司件号	Part NO.	名称	PartName	零件描述	Description	数量	Number
1	1150N51003		十字槽盘头螺钉SM9/64"×40×11	Screw SM9/64"×40 L=11			1	
2	116011020		手抬抬手	Hand lifter			1	
3	S000200		手抬抬手轴套	Hand lifter cam asm.</				



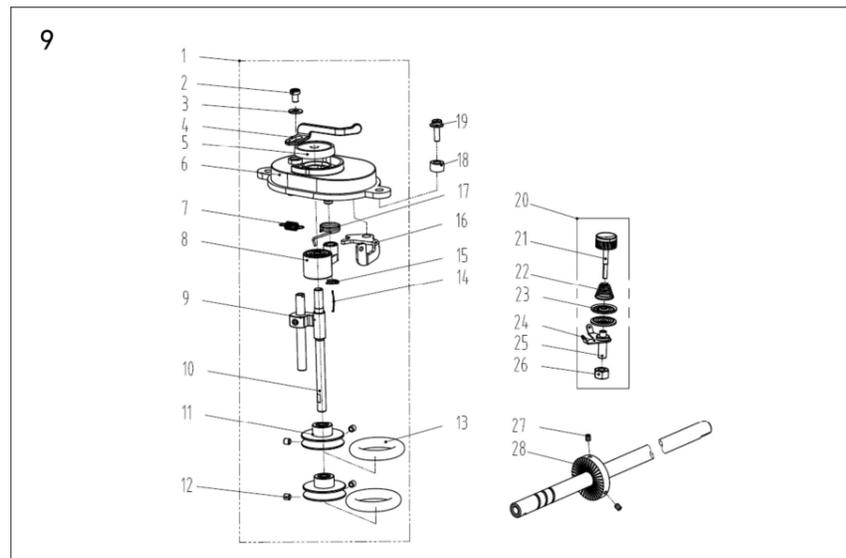
7. 切线部件/Thread Trimmer Components

序号NO	公司件号	Part NO	名称	PartName	零件描述	Description	数量	Number
1	101S11011		开槽圆柱头螺钉SM11/64"×40 L=9.5	Screw SM11/64"×40 L=9.5			1	1
2	116009001		吸风口	Air suction outlet			1	1
3	101S11011		开槽圆柱头螺钉SM11/64"×40 L=9.5	Screw SM11/64"×40 L=9.5			1	1
4	116012024		压线片	piece			1	1
5	113S17001		开槽沉头螺钉SM9/64"×40 L=6	Screw SM9/64"×40 L=6			1	1
6	116019011		定刀	Secant knife			1	1
7	116S11005		开槽圆柱头螺钉SM11/64"×40 L=13	Screw SM11/64"×40 L=13			1	1
8	116013013		分线片	Branching piece			1	1
9	14112005		刀架压板	knife bracket press component			1	1
10	116019001		活动刀	knife			1	1
11	113S17002		内六角沉头螺钉SM11/64"×40 L=5.3	Screw SM11/64"×40 L=5.3			3	3
12	116012002		剪线刀片架	Knife bracket			1	1
13	14126005		剪线传动轴	Shaft			1	1
14	116019003		剪线刀片架	Knife bracket			1	1
15	11601900300		剪线刀片架组件	Knife bracket asm			1	1
16	114S17001		螺钉M3 L=8.5	Screw M3 L=8.5			3	3
17	116019002		辅助动刀	Knife			1	1
18	131S01002		螺钉SM11/64"×40 L=4	Screw SM11/64"×40 L=4			1	1
19	S05004		螺钉M5 L=14	Screw M5 L=14			1	1
20	114112013		连杆	Connecting rod			1	1
21	113S20001		连杆螺钉SM11/64"×40	Hinge Screw SM11/64"×40			1	1
22	114S16004		螺母SM11/64"×40	Nut SM11/64"×40			1	1
23	S09103		内六角平端紧定螺钉M4 L=4	Screw M4 L=4			1	1
24	14104003		剪线曲柄	Crank			1	1
25	14104001		剪线曲柄	Crank			1	1
26	115022003		驱动曲柄止动块	Crank driver stopper block			1	1
27	S05004		内六角圆柱头螺钉M5 L=14	Screw M5 L=14			2	2
28	115027013		弹簧	Spring			1	1
29	115303003		剪线轴衬套	bushing			1	1
30	113S14020		内六角平端紧定螺钉SM11/64"×40 L=6	Screw SM11/64"×40 L=6			4	4
31	116002008		剪线驱动轴	Shaft			1	1
32	115308002		剪线轴衬套	Retaining ring			1	1
33	115303002		剪线轴衬套	bushing			1	1
34	116004013		剪线叉型曲柄	Crank			1	1
35	136S17005		滚轮螺母	Nut			1	1
36	116004014		剪线曲柄	Crank			1	1
37	13609002		剪线滚轮	Roller			1	1
38	136S20003		圆柱头内六角轴位螺钉SM3/16"×28-Φ6	Screw SM3/16"×28-Φ6			1	1
39	113S11004		十字槽盘头螺钉M4 L=8	Screw M4 L=8			1	1
40	116012011		后压线板	plate			1	1
41	116026006		支架定位销	Shaft			2	2
42	S10122		内六角平端紧定螺钉M6×0.75 L=6	Screw M6×0.75 L=6			4	4
43	115410002		抬压脚凸轮	cam			1	1
44	116026004		限位销	Shaft			1	1
45	1160NS13001		内六角圆柱头组合螺钉M5 L=16	Screw M5 L=16			7	7
46	116001009		电机安装支架	motor brace			1	1
47	116033010		步进电机	Stepper motor			1	1
48	11601900600		防鸟巢刀架组件	knife rack assembly			1	1



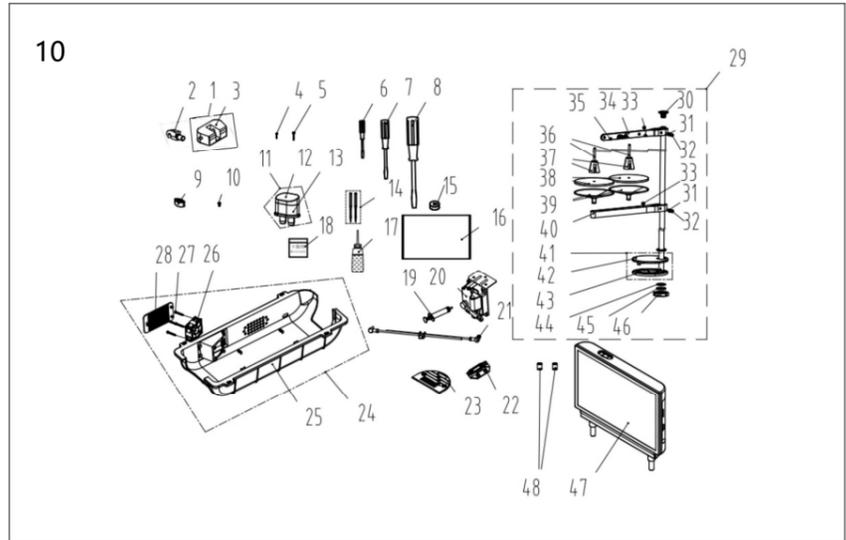
8. 润滑、油量检测部件/Oil Lubrication & Oil Measuring Components

序号NO.	公司件号	Part NO.	名称	PartName	零件描述	Description	数量	Number
1	140S30001		油量调节螺钉M5×0.5	Oil volume adjusting screw M5×0.5			1	1
2	14022011		O型圈	Rubber ring			1	1
3	14036002		回油嘴	Oil nozzle			1	1
4	14036003		油盘油嘴	Oil nozzle			1	1
5	13502008		柱塞	Plunger			1	1
6	13527006		柱塞弹簧	Plunger spring			1	1
7	1160NS15001		柱塞螺钉	screw			1	1
8	116022009		O型圈7×1.8	O Ring			1	1
9	1160NS13001		内六角圆柱头组合螺钉M5 L=16	Screw M5 L=16			1	1
10	1160NS13001		内六角圆柱头组合螺钉M5 L=16	Screw M5 L=16			1	1
11	116012013		油壶支架	Oilier component bracket			1	1
12	115001049		精准供油电磁阀支架	bracket			1	1
13	20429001		油管卡簧	Oil pipe clamp spring			6	2
14	14021001		油管4x6	Tubing4x6			3	1
15	115030194		旋梭精准供油电磁阀	Solenoid valve			1	1
16	116044001		油壶	Oilier component			1	1
17	S05951		内六角圆柱头螺钉M5×10	Screw M5 L=10			2	1
18	116044002		油壶油盖	Oil pot lid			1	1



9. 绕线部件/ Bobbin Components

序号 NO	公司件号	Part NO	名称	PartName	零件描述	Description	数量	Number
1	11603100100		绕线器组件	Bobbin winder asm			1	1
2	1160NS19002		螺钉 M4 L=6	Screw M4 L=6			1	1
3	116028008		平垫圈4.2x10x1	Washer 4.2x10x1			1	1
4	116031003		压线控制板	Thread press control plate			1	1
5	10111120		绕线衬垫	Winding pad			1	1
6	116031002		绕线器装置底座	Bobbin winder bed			1	1
7	10127061		复位板拉簧	Spring			1	1
8	1380S10600		绕线器连杆组件	Bobbin winder connecting rod			1	1
9	1381010100		绕线凸轮组件	Bobbin winder cam asm			1	1
10	116002023		绕线器主轴	Bobbin winder main shaft			1	1
11	13831102		绕线器轮	Bobbin winder wheel			1	1
12	S09103		绕线器螺钉M4 L=4	Screw M4 L=4			4	1
13	O01110		O型圈	Ring			1	1
14	10127060		弹簧	Spring			1	1
15	H05006		开口挡圈5	Snap ring 5			1	1
16	13812110		调节板	Regulating plate			1	1
17	13827103		绕线器复位簧	Spring			1	1
18	116009005		绕线器垫块	Bobbin winder bushing			2	1
19	207511031		螺钉组合件M5 L=24	Screw M5 L=24			2	1
20	11603102300		底座夹线器	Bobbin thread tension asm			1	1
21	1160NS30004		夹线螺钉	Screw			1	1
22	116027003		小夹线弹簧	Spring			1	1
23	116013034		夹线板	Thread tension disk			2	1
24	116013006		夹线过线板	Thread tension guide plate			1	1
25	116013011		夹线座	Thread tension bed			1	1
26	N01117		夹线螺母 M8	Nut M8			1	1
27	S10009		螺钉M6 L=8	Screw M6 L=8			2	1
28	11435013		绕线器驱动轮	Driving wheel			1	1



10. 机头附件/Machine Head Accessories

序号NO.	公司件号	Part NO.	名称	PartName	零件描述	Description	数量	Number
1	11600100800		机头连接钩部件	Hinge component			2	1
2	116026005		连接钩座直销	Connect hook seat direct sales			2	1
3	116032003		后钮扣	Rear button mounting bracket			2	1
4	101S30010		机头连接钩座钉P19	Nail P19			2	1
5	1141NS30001		机头连接钩座钉P25	Nail P25			4	1
6	10131004		螺丝刀(小)	Screw driver,small			1	1
7	10131003		螺丝刀(中)	Screw driver,medium			1	1
8	20731047		螺丝刀(大)	Screw driver,large			1	1
9	116032004		机头垫圈	Die cushion			2	1
10	S190002		木螺钉M4 L=16	Wood screw M4 L=16			6	1
11	116011030		翻板支撑座组件	Flip over the support seat component			1	1
12	116022012		台板翻倒支撑垫	Platform overturning support pad			1	1
13	116032024		台板翻倒支撑座	Platform overturning support seat			1	1
14	11217001		机针(11#)	Needle(11#)			4	1
15	10118003		梭心	Bobbin			2	1
16	114131001		防尘罩	Dust cover			1	1
17	11631008		油壶组件	Oil can component			1	1
18	113831011		干燥剂	Desiccant			1	1
19	11411029		注射器	Syringe			1	1
20	11023001700		调速器	Governor			1	1
21	11600201800		拉杆组件	Tie rod component			1	1
22	116014003		送料牙18齿(副)	Feed dog			1	1
23	116015010		针板E18	needle plate			1	1
24	11601104300		油盘托盘组件	Oil pan tray component			1	1
25	116011002		油盘托盘	Oil pan tray			1	1
26	116030014		12VDC风扇	Bracket			1	1
27	S160011		十字槽盘头自攻螺钉ST3.5x32	Screw ST3.5 L=32			4	1
28	116031019		防尘罩70×510mm	Dustproof board			1	1
29	11603100600		线架组件	Thread stand asm.			1	1
30	116031007		线架杆防护橡胶	Rubber cover			1	1
31	W010048		平垫圈5	Washer 5			2	1
32	S410001		螺栓 M5 L=30	Screw M5 L=30			2	1
33	N01034		六角螺母M5	Nut M5			2	1
34	116031008		上线架过线杆	Spool rest arm upper			1	1
35	10113011		过线圈	Line circle			2	1
36	116031017		线托棒	Spool pin			2	1
37	116031012		线团防松垫	Spool restainer			2	1
38	20131010		线盘垫	Spool rest cushion			2	1
39	116031015		线盘	Spool rest			2	1
40	116031014		下线架过线杆	Spool rest arm lower			1	1
41	11603100900		线架圆形座组件	Wire frame round seat sam			1	1
42	116031010		线架圆形座上	Wire frame round seat upper			1	1
43	116031011		线架圆形座下	Wire frame round seat lower			1	1
44	10122106		橡胶垫圈	Spool rest rod rubber ring			1	1
45	W01052		平垫圈	Washer			1	1
46	116031013		梅花螺母 M16×1.5	Nut M16×1.5			1	1
47	11603001400		操作面板	Control panel			1	1
48	S10009		螺钉M6x8	Screw M6 L=8			3	1

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 日期: 2025.12