

# **3520MA 旋梭款花样机**

**3520MA Shuttle pattern machine**

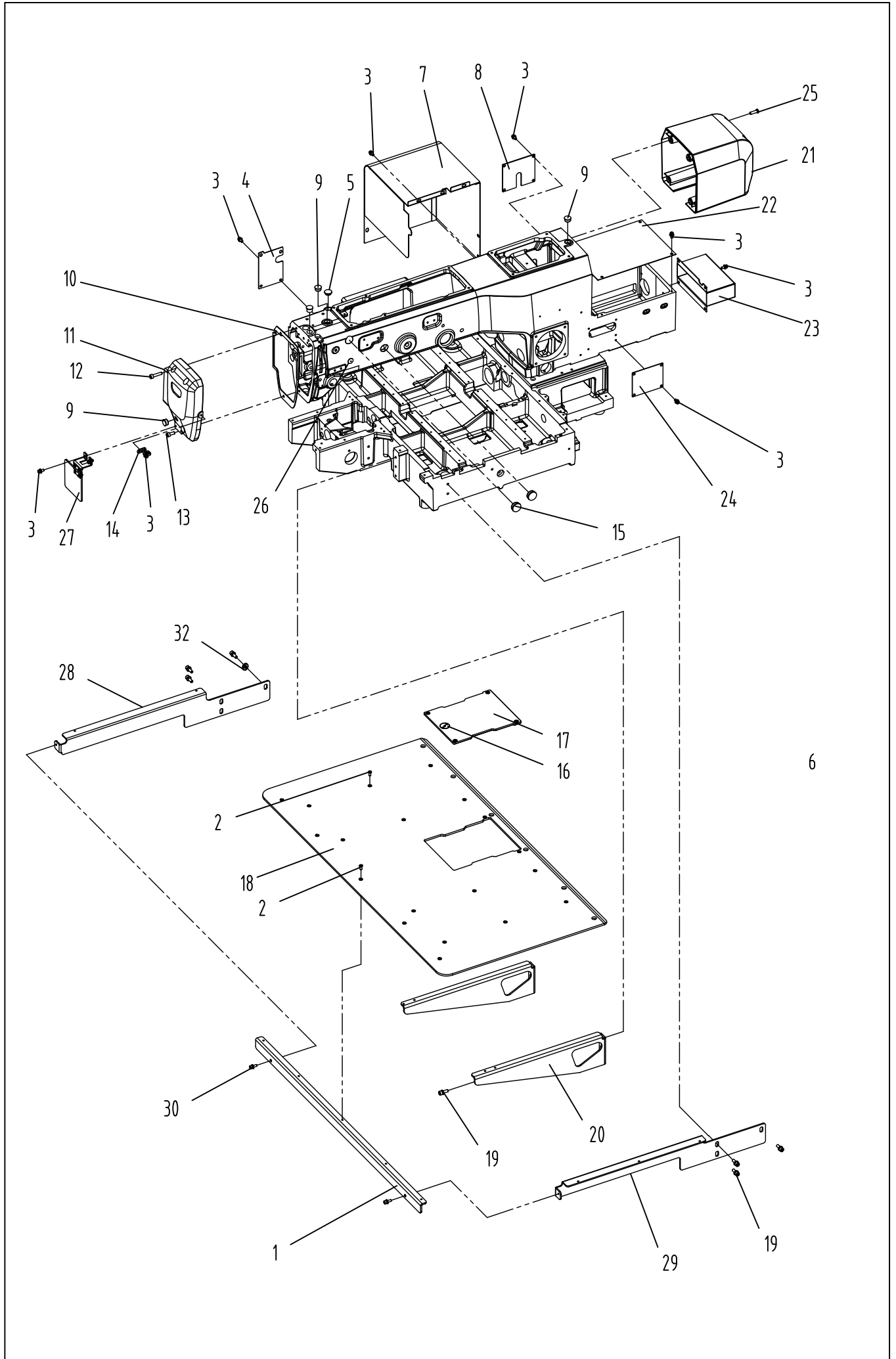
## **说明书及零件手册**

**Instruction manual and parts manual**

## 目录

02、机体部分/ Machine body .....	2
03、过线绕线装置/ Bobbin winder mechanism .....	4
04、送料盖板装置/ Shipping tray mechanism .....	6
05、上轴针杆装置/ Upper shaft and needle bar machanis.....	8
06、下轴装置/ Lower shaft mechanism .....	10
07、抬压装置/Work clamp lifter mechanism .....	12
07、抬压装置 (N) /Work clamp lifter mechanism (N) .....	14
08、中压脚装置/Presser bar lifting mechanism .....	16
09、剪线装置/Thread trimming mechanism .....	18
10、送料装置/X-Y table mechanism .....	20
11、压框装置/Work holder mechanism .....	22
12、抬压臂装置/Work holder mechanism .....	24
13、扫线装置/Thread Wiper mechanism .....	26
14、供油润滑装置/Lubrication.....	28
15、电气部分/Electrical part .....	30
16、台板及脚架/Table & Stand .....	32
17、附件箱/Accessories.....	34
18、机架配件箱/Rack accessory box .....	36
19、二次夹线/Secondary clamp wirex .....	38
20、侧滑装置/Side slip device.....	40
21、翻转装置/Flipping device .....	42
22、夹扣装置/Clip device .....	44
23、激光开袋装置/Laser bag opening device .....	46
24、附表/ Schedule.....	54

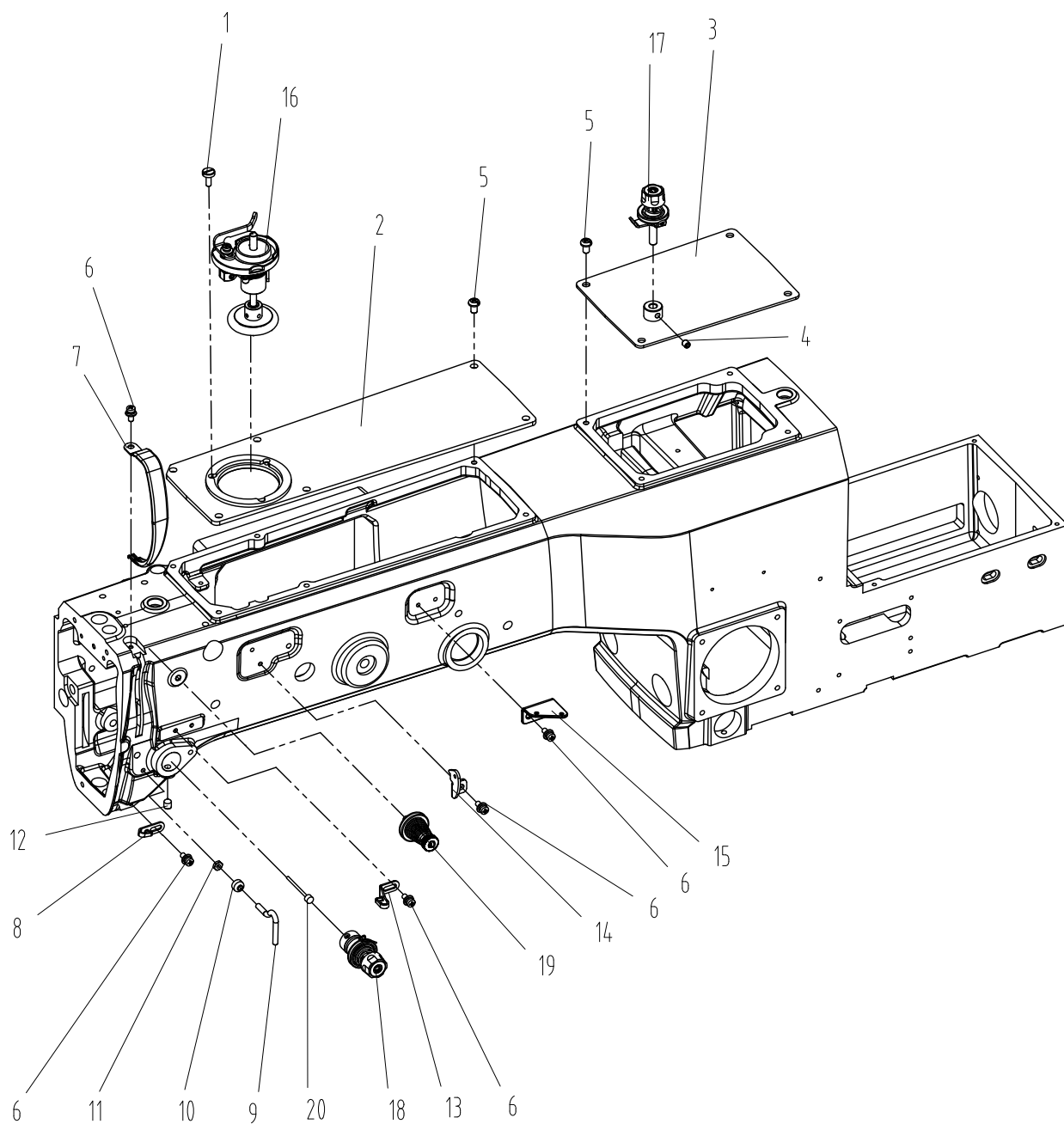
# A、机体部分



## 02.机体部分/Machine body

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141712392	补助版支架	Support plate	1	
2	417S15008	螺钉 M4×8	Bolts M4×8	19	
3	417S30025	螺栓(带垫圈)M4×10DB	Bolts (with washer) M4x10dB	31	
4	930001078	MA侧窗盖(喷漆)	ma Side window cover	1	
5	41322014	橡胶塞	rubber plug	1	
6	41837104	加油口标签	Oil filler labels	5	
7	930001089	MA电机罩组件X(喷漆)	ma Motor Cover Assembly X	1	
8	930000756	过线盖板(喷漆)	Wire Crossing cover plate	1	
9	12922001	橡皮塞12.5		4	
10	141712301	MA面板垫	ma panel pad	1	
11	930001052	MA面板(喷漆)	ma Panel (painted)	1	
12	S05218	内六角螺钉M5×22(镀镍)	M5×22(nickel plated)	2	
13	S05087	内六角圆柱头螺钉M5×12(镀锌)	M5×12(Knurled, nickel plated)	1	
14	141713013	过线导向	wire guide	1	
15	13522001	面板橡皮塞(Φ19)	Panel rubber plug (Φ19)	2	
16	141715009	针孔板3.0	pinhole plate	1	
17	141715010	针板	Pin board components	1	
18	141712342	MA补助板	MA subsidies plate	1	
19	417S30306	螺栓(带垫圈)M5×15	bolt (with washer)M5×15	12	
20	141712189	补助板支架	Support plate	2	
21	141711032	NE马达罩	ne motor cover	1	
22	930001053	后带轮盖板(喷漆)	Rear Wheel Cover plate	1	
23	930001054	Y双轴后盖(喷漆)	y Double axle rear cover	1	
24	930000762	后侧盖板(喷漆)	Rear cover plate	1	
25	413S11003	螺钉M5×16	Bolts M5×16	4	
26	41322013	橡胶塞	rubber plug	1	
27	14171101900	护眼板组件	Eye protection board assembly	1	
28	141701148	旋梭款补助板支架R	Support plate R	1	
29	141701147	旋梭款补助板支架L	Support plate L	1	
30	417S30302	内六角圆柱头螺钉	Screw	2	
31	403S14008	内六角平端紧定螺钉	Allen flat end set screw	1	
32	41828611	平垫圈M5	GB/T 97.1 Flat washer 5	6	
33	41322013	橡皮塞11.5	Rubber plug Φ 11.5	1	

### 03. 过线绕线装置/Bobbin winder mechanism

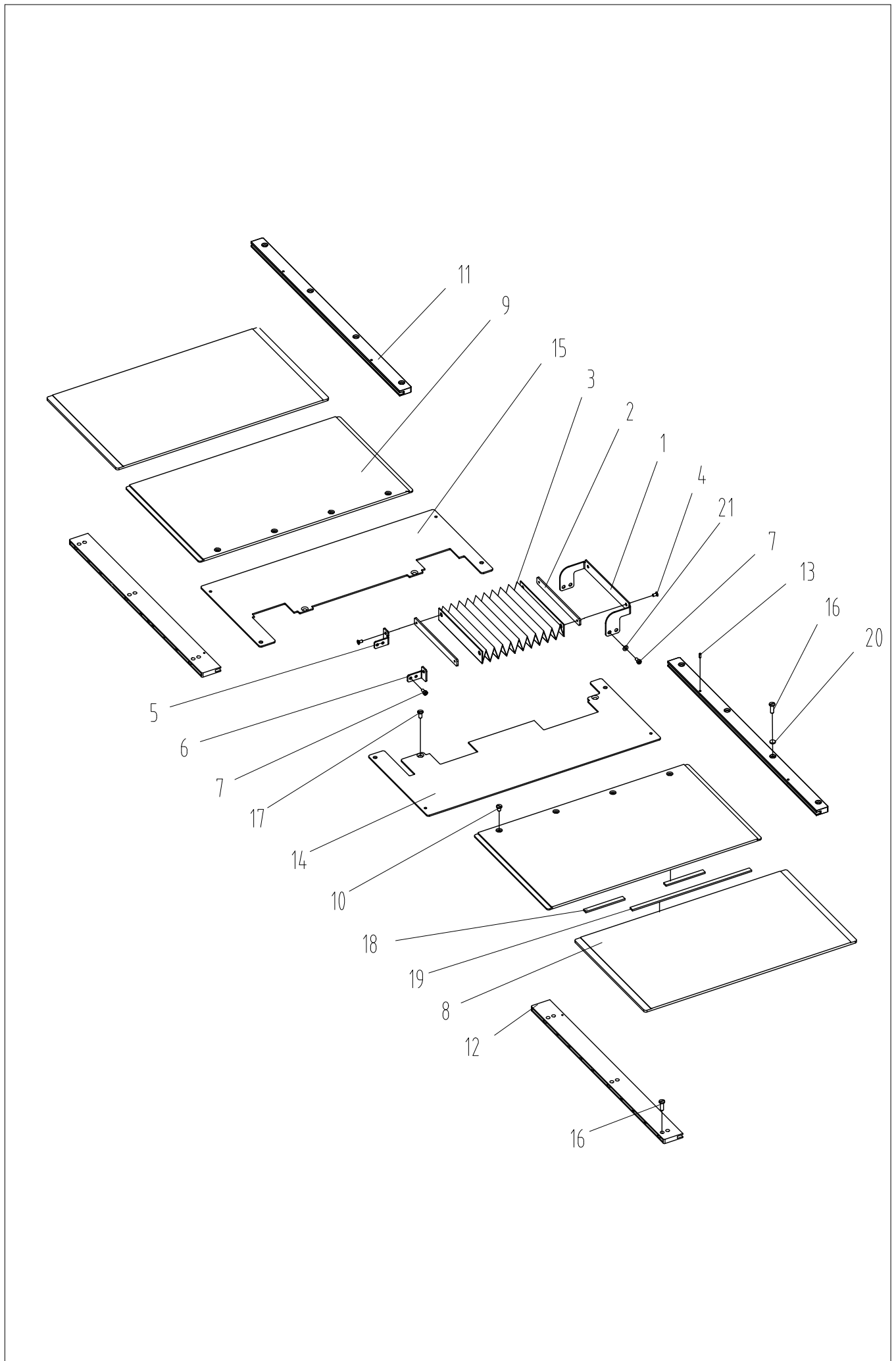


### 03.过线绕线装置/Bobbin winder mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	403S11015	开槽大圆柱头螺钉	Slotted Large round head screws	3	
2	930001055	MA上前盖组件(喷漆)	ma Front Cover Kit	1	
3	930001056	MA上后盖组件(喷漆)	ma Upper rear cover assembly	1	
4	S09019	螺钉M5X5(镀铬)(进口)	Screws M5X5(imported)	1	
5	S04028	螺钉M5×8(镀亮光铬)	screw M5×8(bright chrome plated)	10	
6	417S30025	螺栓(带垫圈)M4×10DB	Bolts (with washer) M4x10dB	6	
7	930000686	挑线杆防护罩M(喷漆)	Wire pick rod Protection cover M	1	
8	141713014	下过线导向	underwire guide	1	
9	41713301	机壳线钩	Housing wire hook	1	
10	41722320	减震橡皮	Shock absorber rubber	1	
11	N01024	六角螺母 M4(厚度2.2, 镀镍)	Hexagon nuts M4	1	
12	S12001	内六角锥端紧定螺钉M6×8	Hexagon end set screws M6×8	1	
13	141713020	过线导向R	Wire guide R	1	
14	141713016	过线片A	Wire slice A	1	
15	141713017	过线片B	Wire blade B	1	
16	14171000400	绕线器组件	Coiler assembly	1	
17	4171302100	卷线器夹线组件Q	Reel clamp assembly Q	1	
18	4171302000	主夹线器组件Q	Main wire clamp assembly Q	1	
19	4171301400	副夹线器组件	auxiliary wire clamp assembly	1	
20	141702074	松线销	pine line pin	1	N
21	417S30301	螺栓(带垫圈)M4×20DB	Bolts (with washer) M4x20dB	1	

注：N为气动款配置零件, D为电动款配置零件

# 04. 送料盖板装置/Feed mechanism

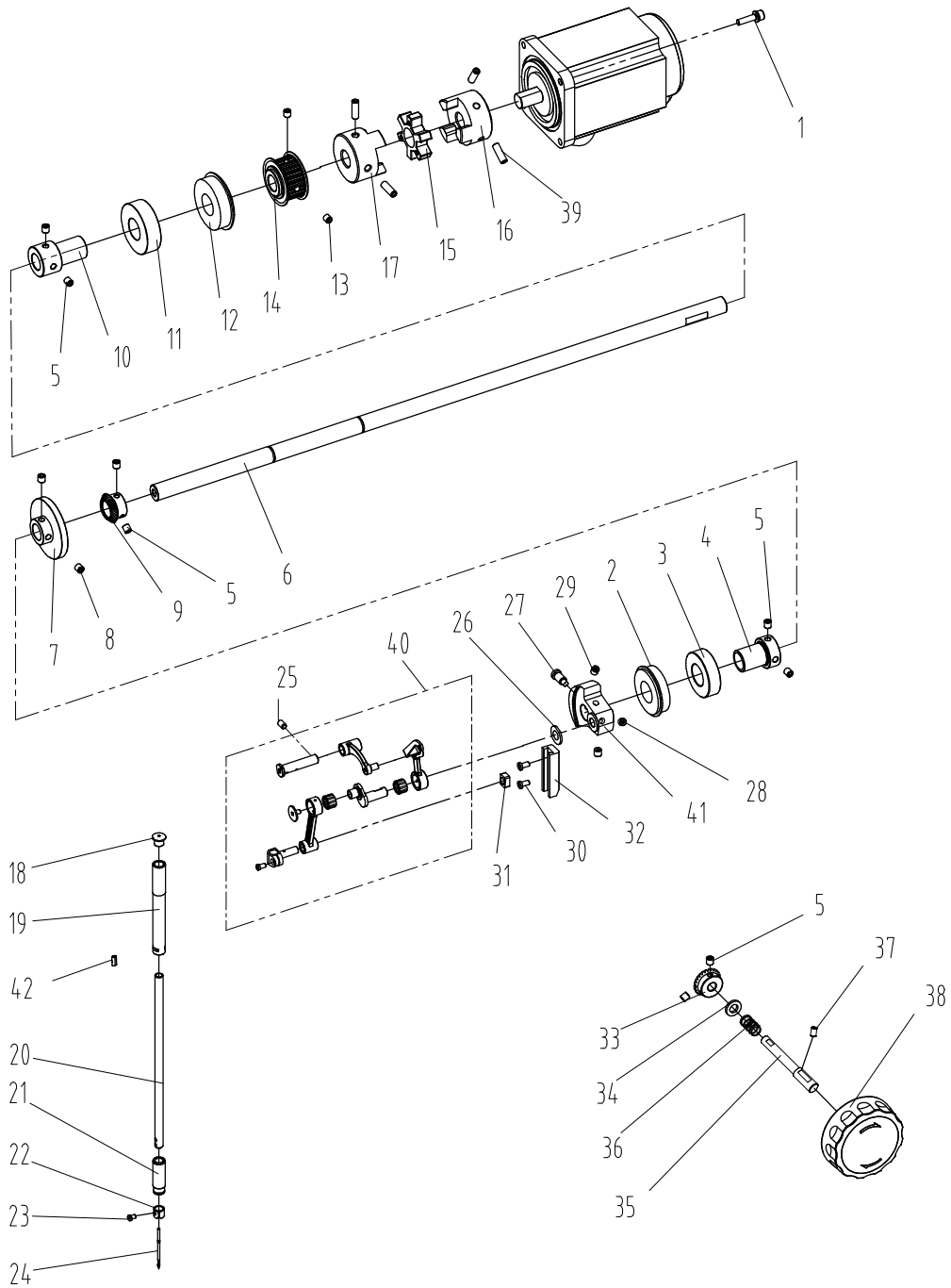


## 04.送料盖板装置/Shipping tray mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141712196	波纹片支架	Corrugated sheet support	1	
2	141712197	板螺母	board nut	2	
3	141722017	波纹片	corrugated sheet	1	
4	S02032	十字槽沉头螺钉M3×6	Cross recessed countersunk head screws	4	
5	141712198	安装板L	mounting plate L	1	
6	141712199	安装板R	Mounting plate R	1	
7	S05192	螺栓 M3×6	GB/T 70.1-2000 Bolts M3×6	8	
8	141711016	外盖板	outside cover plate	2	
9	141711017	内盖板	inside the cover plate	2	
10	417S15006	螺钉 M4×5	screw M4 x 5	12	
11	141711018	塑料滑轨A	Plastic guide rail A	2	
12	141711024	塑料滑轨B	Plastic slide rail B	2	
13	P03008	销2×6	Pin 2 x 6 GB/T879-1986	4	
14	141712318	盖轨安装板L	Cover rail mounting plate R	1	
15	141712319	盖轨安装板R	Cover rail mounting plate L	1	
16	417S15003	螺钉 M4×12	screw M4 x 12	14	
17	S02039	螺钉M4×9(镀镍)	screws M4x9 (nickel plated)	4	
18	41722310	外盖橡皮条B	Outer cover rubber strip	2	
19	41722027	外盖橡皮条	Outer cover rubber strip	2	
20	W01001	平垫圈 4	GB/T 97.1 Flat washer 4	6	
21	W01002	平垫圈3(切换)	GB/T 97.1 Plain washer 3	4	
22	417S30025	螺栓(带垫圈)M4×10DB	Bolts (with washer) M4x10dB	4	



# 05. 上轴针杆装置/Upper shaft and needle bar machanis

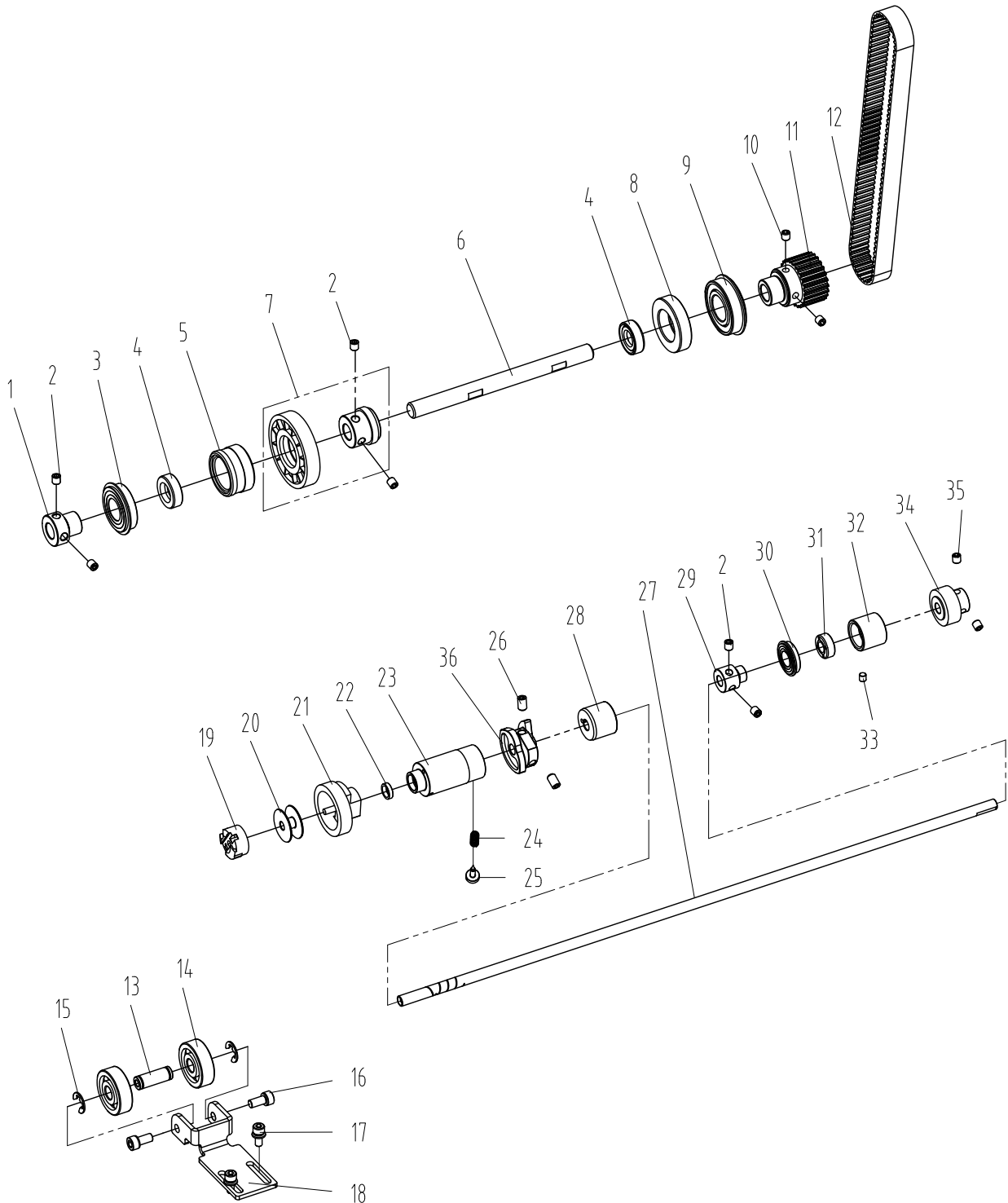


## 05.上轴针杆装置/Upper shaft and needle bar machanis

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	421S13059	螺钉带垫M5×20	Screw with washer M5×20	4	
2	B10012	深沟球轴承6004(带挡圈)	Deep groove ball bearing 6004(with retaining ring)	1	
3	141724023	深沟球轴承6004	Deep groove ball bearing 6004	1	
4	141703039	上轴轴承套F	Upper shaft bearing sleeve F	1	
5	S09019	螺钉 M5X5(镀铬)(进口)	Screws M5X5(chrome plated)(imported)	4	
6	141702048	上轴	on the shaft	1	
7	141703040	卷线轮	volume line wheel	1	
8	101S14001	F4-上轴中套挡圈螺钉	Set screws with concave end	2	
9	141725012	上轴锥齿轮	upper shaft bevel gear	1	
10	141703041	上轴轴承套R	Upper shaft bearing sleeve R	1	
11	B01029	轴承6204	Deep groove ball bearing 6204	1	
12	B10013	深沟球轴承6204(带挡圈)	Deep groove ball bearing 6204(with retaining ring)	1	
13	403S14006	内六角平端紧定螺钉	GB/ T80 screws M6×0.75×6 45H black	2	
14	141725009	同步轮组件U	Synchronization wheel assembly U	1	
15	40322028	减震橡胶	damping rubber	1	
16	41803215	联轴器抱箍B	coupling hoop B	1	
17	141703042	联轴器抱箍A	coupling hoop A	1	
18	40322014	针杆上套孔塞	Insert hole plug on needle rod	2	
19	141703063	MA针杆上套	ma needle rod upper cover	1	
20	141702049	针杆	needle bar	1	
21	141703044	针杆下套	needle rod lower sleeve	1	
22	141713018	针杆线导向	needle pole guide	1	
23	301S11017	上刀固定螺钉	pin screws	1	
24	40319006	机针DPx17#19	needle DPx17 # 19	1	
25	403S14008	内六角平端紧定螺钉	dpx17 14 # machine needle	1	
26	41712133	垫圈8	washer 8	1	
27	1138NS11001	针杆曲柄定位螺钉SM9/32×	Needle rod crank setting screw SM9/32×28	1	
28	101S14001	F4-上轴中套挡圈螺钉	F4- Upper shaft middle sleeve retaining ring screw	1	
29	101S14001	F4-上轴中套挡圈螺钉	F4- Upper shaft middle sleeve retaining ring screw	2	
30	417S15008	螺钉 M4×8	screw M4 x 8	2	
31	141709042	滑块	slider	1	D
32	141709043	滑块导向	slide guide	1	D
33	141725013	手轮轴锥齿轮	Hand wheel shaft bevel gear	1	
34	41722018	减震垫圈	shock absorption washer	2	
35	141702069	MA手轮轴	ma hand wheel	1	
36	141727022	MA手轮弹簧	ma handwheel spring	1	
37	403S11008	内六角平端紧定螺钉	Allen flat set screws	1	
38	14094400200	手轮组件	Handwheel assembly	1	
40	14170501400	挑线连杆组件	connecting rod assembly	1	
41	141704013	针杆曲柄	pin bar crank	1	
42	41712070	油线支架	Oilline bracket	1	

注：N为气动款配置零件,D为电动款配置零件

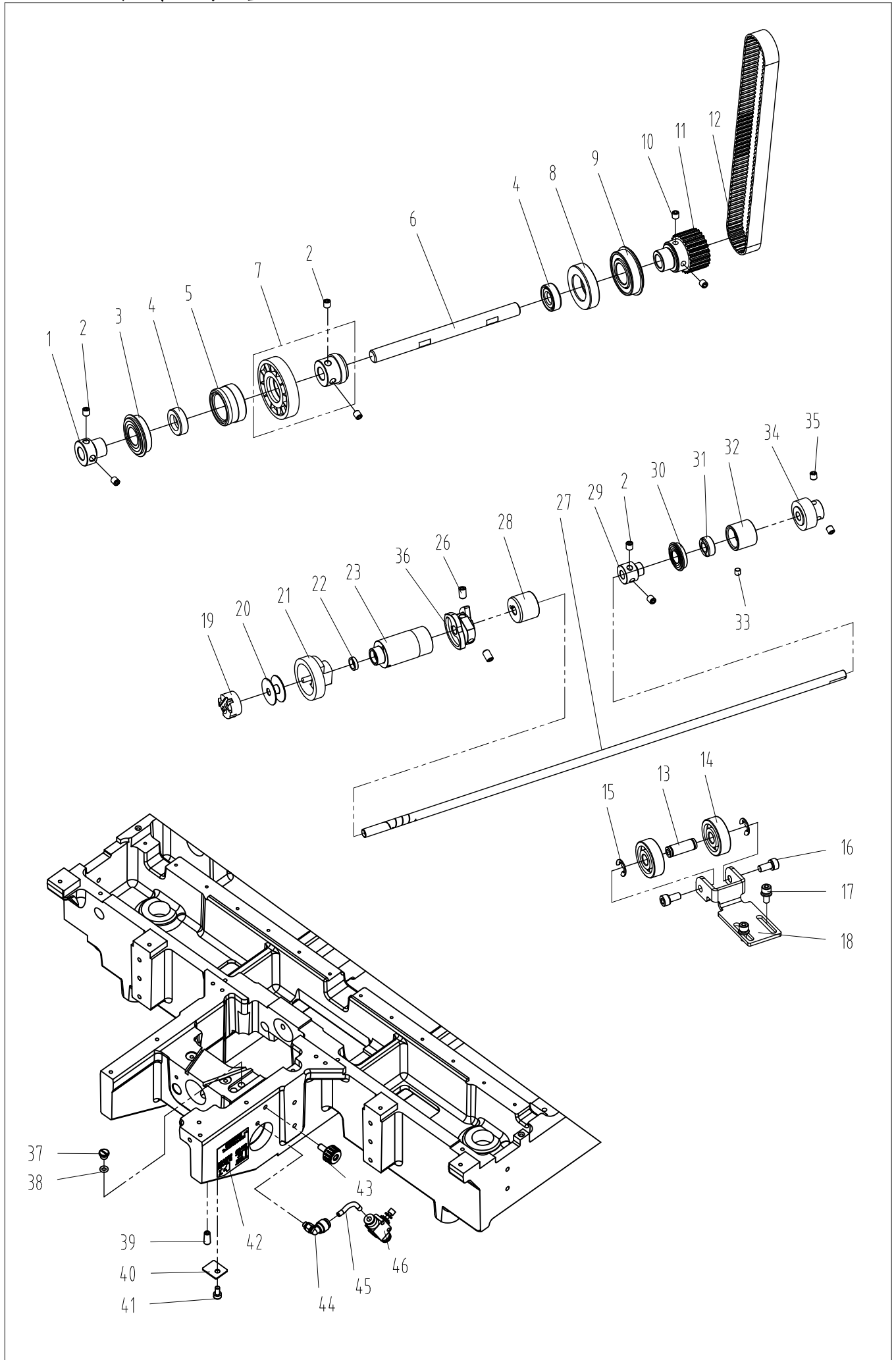
# 06. 下轴装置/Lower shaft mechanism



## 06.下轴装置/Lower shaft mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141703030	下轴L轴承套	lower shaft L bearing sleeve	1	
2	S10019	螺钉 M6X6(镀铬)(进口)	Screws M6X6(chrome plated)(imported)	6	
3	B10022	轴承6003(带挡圈)	Deep groove ball bearing 6003(with retaining ring)	1	
4	141722007	下轴L油封组件	Lower shaft L oil seal assembly	2	
5	141703031	下轴L轴套F	Lower shaft L shaft sleeve F	1	
6	141702037	下轴L	axis L	1	
7	1142500100	大齿轮组件	large gear assembly	1	
8	141703032	下轴L轴套R	Lower shaft L shaft sleeve R	1	
9	B10012	深沟球轴承6004(带挡圈)	Deep groove ball bearing 6004(with retaining ring)	1	
10	403S14006	内六角平端紧定螺钉	GB/ T80 screws M6×0.75×6 45H black (imported)	2	
11	141735021	同步轮L	Synchronous wheel L	1	
12	141735020	同步带	synchronous belt	1	
13	141702038	张紧轴	tensioning shaft	1	
14	41324007	轴承6300	Deep groove ball bearing 6300	2	
15	H05032	挡圈 E7(进口S07.5)(发黑)	GB/T 896-2000 Retaining ring 7	2	
16	S05962	内六角圆柱头螺钉M6×12	Hexagon socket head screws M6×12	2	
17	417S30036	螺栓(带垫圈)M5×12	bolt (with washer)M5×12	2	
18	141712171	张紧支架	tension bracket	1	
19	13618001	梭心套组件	Bobbin sleeve assembly	1	
20	10818501	大梭心	Spindle 605.609 Large spindle	1	
21	13618007	旋梭组件((6-5)薄料专用)(DSH	Rotary shuttle Assembly ((6-5)	1	
22	11522001	旋梭后油封组件	Rotary shuttle rear oil seal assembly	1	
23	141703033	旋梭供油轴套	Rotary shuttle oil supply shaft sleeve	1	
24	41727013	弹簧	spring	1	
25	141717001	调油螺钉	Oil adjusting screw	1	
26	116S14005	螺钉	screws	2	
27	141702039	下轴	under the shaft	1	
28	141703064	MA下轴轴套M	ma lower shaft sleeve M	1	
29	141703035	下轴轴承套	Lower shaft bearing sleeve	1	
30	B10064	深沟球轴承61901-2ZNR	Deep groove ball bearing 61901-2ZNR	1	
31	141722009	下轴后油封组件	Lower shaft rear oil seal assembly	1	
32	141703036	下轴轴套R	Lower shaft bushing R	1	
33	S09019	螺钉M5X5(镀铬)(进口)	Screws M5X5(chrome plated)(imported)	1	
34	11425002	斜齿轮A	Helical gear A	1	
35	齿轮自带	内六角锥端紧定螺钉	GB/ T80 screws M6×0.75×6 45H black (imported)	2	
36	141704008	切线凸轮	Tangential CAM	1	

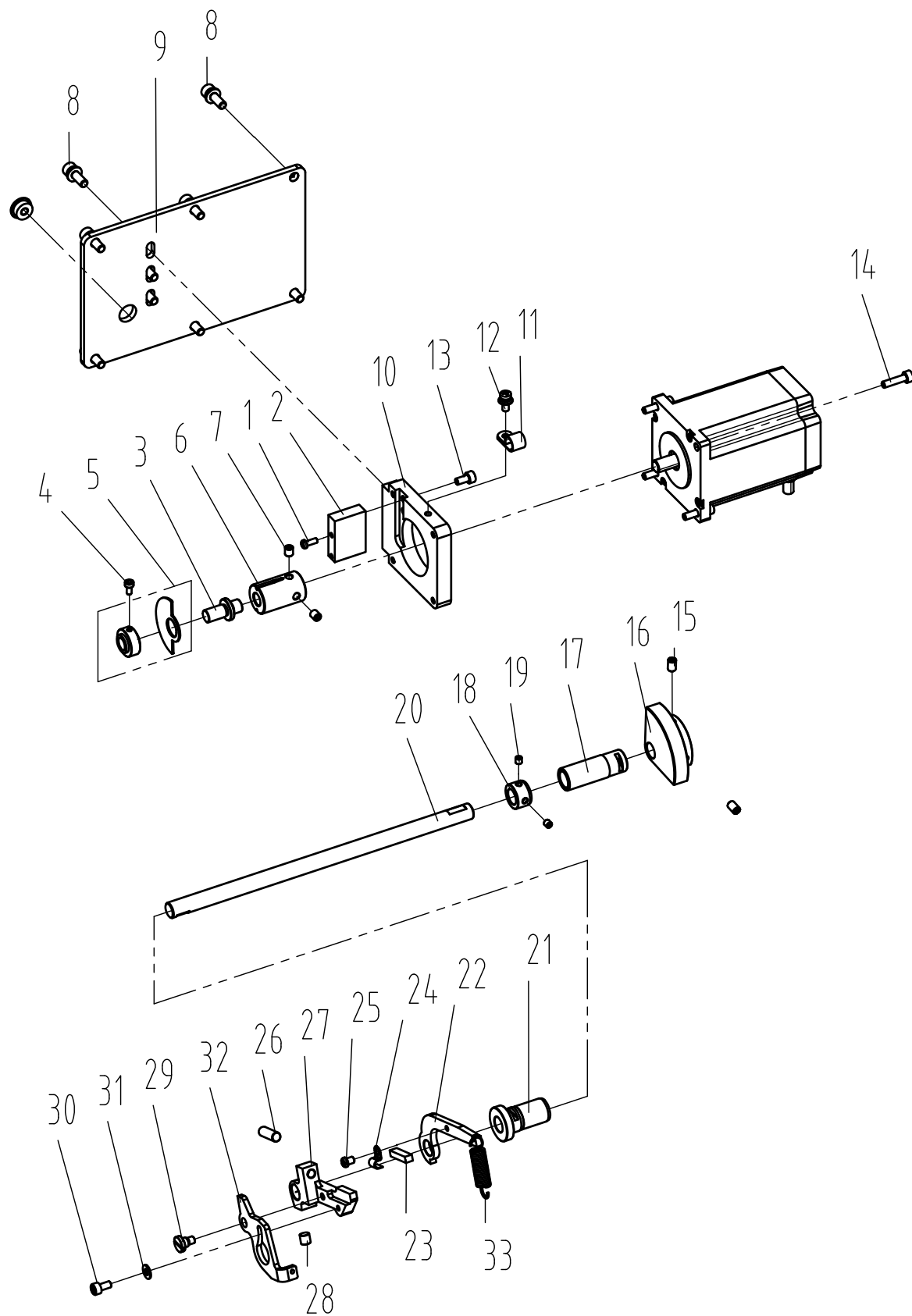
# 06、下轴装置



## 06.下轴装置(数字供油)/Lower shaft mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141703030	下轴L轴承套	lower shaft L bearing sleeve	1	
2	S10019	螺钉 M6X6(镀铬)(进口)	Screws M6X6(chrome plated)(imported)	6	
3	B10022	轴承6003(带挡圈)	Deep groove ball bearing 6003(with retaining ring)	1	
4	141722007	下轴L油封组件	Lower shaft L oil seal assembly	2	
5	141703031	下轴L轴套F	Lower shaft L shaft sleeve F	1	
6	141702037	下轴L	axis L	1	
7	1142500100	大齿轮组件	large gear assembly	1	
8	141703032	下轴L轴套R	Lower shaft L shaft sleeve R	1	
9	B10012	深沟球轴承6004(带挡圈)	Deep groove ball bearing 6004(with retaining ring)	1	
10	403S14006	内六角平端紧定螺钉	GB/ T80 screws M6×0.75×6 45H black (imported)	2	
11	141735021	同步轮L	Synchronous wheel L	1	
12	141735020	同步带	synchronous belt	1	
13	141702038	张紧轴	tensioning shaft	1	
14	41324007	轴承6300	Deep groove ball bearing 6300	2	
15	H05032	挡圈 E7(进口S07.5)(发黑)	GB/T 896-2000 Retaining ring 7	2	
16	S05962	内六角圆柱头螺钉M6×12	Hexagon socket head screws M6×12	2	
17	417S30036	螺栓(带垫圈)M5×12	bolt (with washer)M5×12	2	
18	141712171	张紧支架	tension bracket	1	
19	13618001	梭心套组件	Bobbin sleeve assembly	1	
20	10818501	大梭心	Spindle 605.609 Large spindle	1	
21	13618007	旋梭组件((6-5)薄料专用)(DSH)	Rotary shuttle Assembly ((6-5)	1	
22	11522001	旋梭后油封组件	Rotary shuttle rear oil seal assembly	1	
23	141703075	下轴前套	Rotary shuttle oil supply shaft sleeve	1	
26	116S14005	螺钉	screws	2	
27	141702081	下轴(喷雾)	under the shaft	1	
28	141703064	MA下轴轴套M	ma lower shaft sleeve M	1	
29	141703035	下轴轴承套	Lower shaft bearing sleeve	1	
30	B10064	深沟球轴承61901-2ZNR	Deep groove ball bearing 61901-2ZNR	1	
31	141722009	下轴后油封组件	Lower shaft rear oil seal assembly	1	
32	141703036	下轴轴套R	Lower shaft bushing R	1	
33	S09019	螺钉M5X5(镀铬)(进口)	Screws M5X5(chrome plated)(imported)	1	
34	11425002	斜齿轮A	Helical gear A	1	
35	齿轮自带	内六角锥端紧定螺钉	GB/ T80 screws M6×0.75×6 45H black (imported)	2	
36	141704008	切线凸轮	Tangential CAM	1	
37	403S11021	开槽大圆柱头螺钉		2	
38	41722015	O形圈PW3		2	
39	141721008	油雾供油油芯		1	
39	141721013	油雾供油油芯(小孔款)		1	
40	141712395	油芯固定板		1	
41	421S13035	内六角圆柱头螺钉		1	
42	141737014	加油及油量调节标签示意图		1	
42	141737015	加油及油量调节标签(自研)		1	
43	41711208	螺钉M5Q		1	
44	41736003	气管接头		1	
45	61911006	气管4×2.5		1.2M	
46	41845232	T形接管KJT04		1	

# 07. 抬压装置/Work clamp lifter mechanism



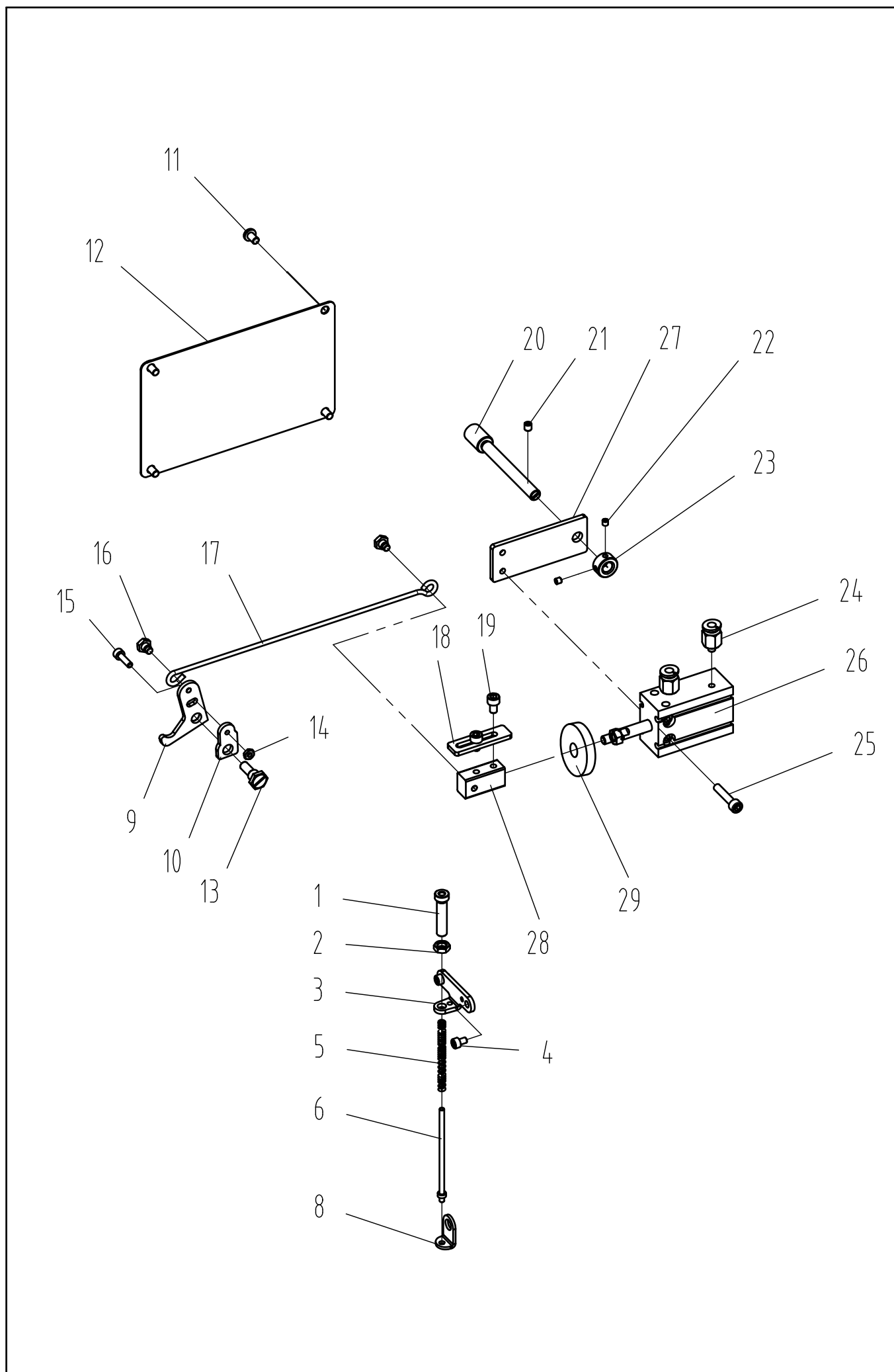
## 07.抬压装置/Work clamp lifter mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	421S10015	螺钉M3×8	Screws M3×8(nickel plated)	1	D
2	141701117	传感器安装座	sensor mounting seat	1	D
3	141702051	驱动齿轮连接轴	drive gear connecting shaft	1	D
4	S05192	螺栓 M3×6(切换)	Bolts M3×6	1	D
5	14171221800	抬压电机感应片组件	Lift motor induction plate assembly	1	D
6	141725010	驱动齿轮	drive gear	1	D
7	413S14013	螺钉M5×6	screw M5 * 6	2	D
8	421S13028	螺栓(带垫圈)M5×14	bolt	9	D
9	930001134	MA抬压电机安装板(喷漆)	ma Lift motor mounting plate (spray paint)	1	D
10	141701118	抬压电机安装板	Lift motor mounting plate	1	D
11	41711016	电线夹8.4	wire clamp 8.4	1	D
12	417S30025	螺栓(带垫圈)M4×10DB(切换)	Bolts (with washer) M4x10dB	1	D
13	421S13035	螺钉M4×8	screw M4 x 8	2	D
14	S05118	螺栓M4×16(滚花, 镀镍)〃	Bolts M4x16 (Knurled, nickel plated)	4	D
15	403S14008	内六角平端紧定螺钉	Hexagon socket set screws with flat end	2	D
16	141725011	扇形齿轮	fan gear	1	D
17	141703062	MA驱动轴套R	ma Drive bushing R	1	D
18	141703047	驱动轴紧圈	driving shaft tightening ring	1	D
19	S09103	内六角平端紧定螺钉M4×4	Hexagon socket set screws m4x4, flat end	2	D
20	141702052	驱动轴	drive shaft	1	D
21	141703048	驱动轴轴套F	Drive shaft sleeve F	1	D
22	141712219	提升杆B	lifting rod B	1	D
23	141723006	油毡	linoleum	1	D
24	141712223	压板	pressure plate	1	D
25	402S11004	十字槽盘头螺钉	Cross recessed pan head screws	1	D
26	S09018	螺钉M6X18(发黑)	Screws M6X18(black)	1	D
27	141704014	提升杆A	Lifting rod A	1	D
28	S10019	螺钉 M6X6(镀铬)(进口)	Screws M6X6(chrome plated)(imported)	1	D
29	1417NS20007	轴位螺钉SM11" 64(40)×5	Axial screw SM11 "64(40)×5	1	D
30	421S13035	螺钉M4×8	screw M4 x 8	1	D
31	W01001	平垫圈 4	GB/T 97.1 Flat washer 4	2	D
32	141712220	弹簧挂钩	Spring hook	1	D
33	141727007	提升杆拉簧	lifting rod tension spring	1	D
34	12922001	橡皮塞12.5	Panel rubber plug (φ12.5)	1	D

注：N为气动款配置零件,D为电动款配置零件



# 07. 抬压装置(N)/Work clamp lifter mechanism(N)

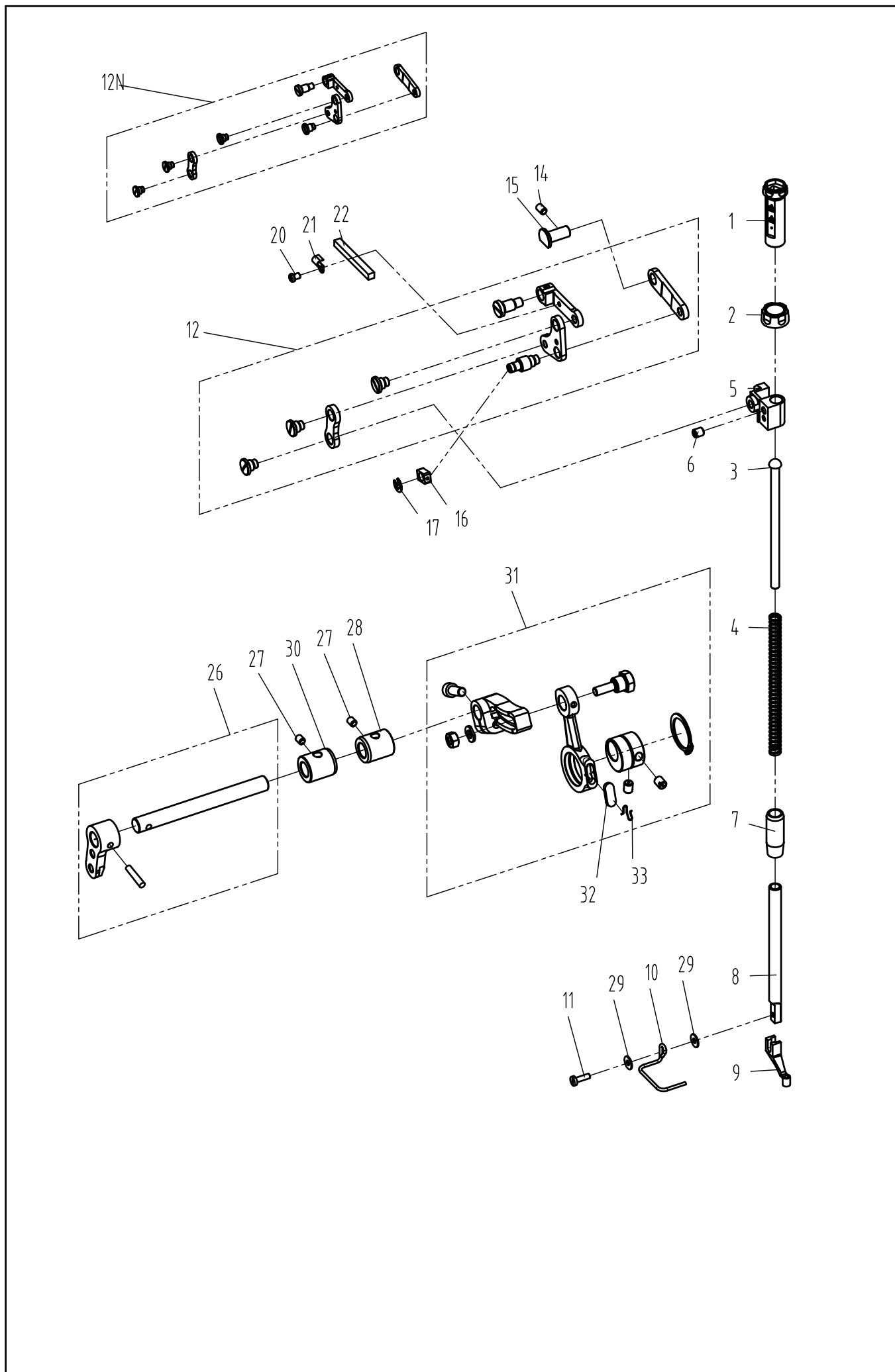


## 07.抬压装置(N)/Work clamp lifter mechanism(N)

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	135S30007	摆压脚调压螺钉	Pendulum foot pressure adjusting screws	1	N
2	135S16006	摆压脚调压螺母	Pendulum foot pressure regulating nut	1	N
3	141742054	调压螺钉座	Pressure regulating screw holder	1	N
4	S05115	螺栓M4×6(滚花, 镀镍)	Bolts M4x6 (knurled, nickel plated)	2	N
5	141727023	调压弹簧	pressure regulating spring	1	N
6	141702071	弹簧导杆	Spring guide rod	1	N
7	1417NS20013	段螺钉	section of the screw	1	N
8	141742055	调压弹簧座	Pressure regulating spring seat	1	N
9	141701133	间歇提升杆	Intermittent lifting rod	1	N
10	141742060	间歇提升杆垫片	Intermittent lifting rod gasket	1	N
11	S04028	螺钉M5×8(镀亮光铬)	screw M5×8(bright chrome plated)	4	N
12	930001133	NE抬压侧盖板(喷漆)	ne Lift Side Cover plate (spray paint)	1	N
13	1417NS20012	支点段螺钉	Fulcrum section screw	1	N
14	N01024	六角螺母 M4(厚度2.2, 镀镍)	Hexagon nuts M4	1	N
15	S05049	螺钉 M4×14 12.9级(发黑)	GB/T 70.1 screws M4×14	1	N
16	1417NS20014	段螺钉	section of the screw	2	N
17	141727026	抬压连杆(N)	Lifting Rod (N)	1	N
18	141742057	气缸行程调节块	Cylinder stroke adjustment block	1	N
19	413S13010	内六角螺钉	Bolts M5×8(Knurled, nickel plated)	2	N
20	141702072	气缸转轴	Cylinder rotating shaft	1	N
21	S09019	螺钉M5X5(镀铬)(进口)	Screws M5X5(chrome plated)(imported)	1	N
22	S09103	内六角平端紧定螺钉M4×4	screws M4x4 (nickel plated)(deleted)	2	N
23	42108007	挡圈	collar	1	N
24	40736047	φ6迷你式气管接头(螺纹M5)	φ 6 mini air pipe fittings APC6-M5	2	N
25	S05035	内六角圆柱头螺钉M5×25	Hexagon socket head screws M5×25	2	N
26	141745033	气缸CU20-25	cylinder CU20-25	1	N
27	141742056	气缸安装板	Cylinder mounting plate	1	N
28	141742058	气缸接头	Cylinder connector	1	N
29	141722034	减震橡胶	Shock-absorbing rubber	1	N

注：N为气动款配置零件,D为电动款配置零件

# 08. 中压脚装置/Presser bar lifting mechanism

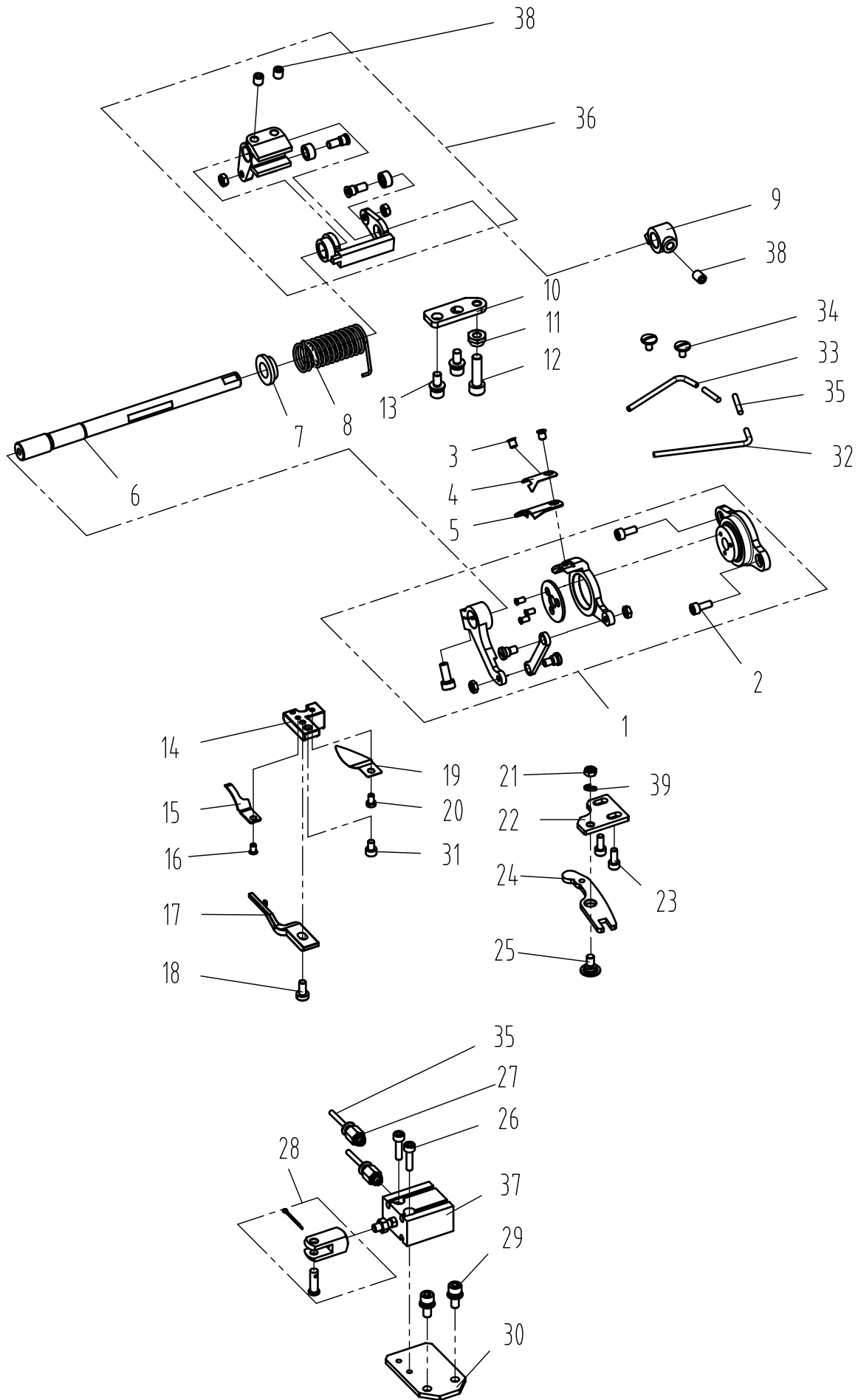


## 08.中压脚装置/Presser bar lifting mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	123S30002	调压螺钉	pressure regulating screw	1	
2	123S16001	调压螺母	pressure regulating nut	1	
3	141702053	导杆	guide rod	1	
4	141727008	导杆弹簧	guide rod spring	1	
5	141709044	压紧杆接头	compression rod connector	1	
6	101S15006	夹线器螺钉	Wire clamp screw	1	
7	141703061	MA压紧杆轴套	ma compression rod bushing	1	
8	141702054	压紧杆	presser bar	1	
9	41716003	中压脚3.0	Medium pressure pin 3.0	1	
10	41712009	护指器	refers to guard	1	
11	417S15011	一字平面圆柱头螺钉	Flat head screws with flat head	1	
12	141705022	电动中压脚连杆组件	Electric medium presser foot linkage assembly	3	D
12N	141705020	气动中压脚连杆组件	Pneumatic medium presser foot connecting rod assem	1	
16	141709042	滑块	slider	1	D
17	H05917	开口挡圈5	JIS 2805 Open baffle ring 5	1	D
18	141702055	连杆轴	connecting rod shaft	1	
19	413S13017	螺钉M4×10	screw M4 x 10	1	
20	402S11004	十字槽盘头螺钉	Cross recessed pan head screws	1	
21	141712223	压板	pressure plate	1	
22	141723012	油毡7	linoleum	1	
26	14170205600	压臂轴组件	pressure arm shaft assembly	1	
27	S09103	内六角平端紧定螺钉M4×4	GB/T 77 Hexagon socket set screws m4x4, flat end	2	
28	141703060	MA压臂轴套B	ma Pressure arm sleeve B	1	
29	41728025	平垫圈L3.5	flat washer L3.5	2	
30	141703050	轴套	axle housing	1	
31	14170401600	偏心轮连杆组件	Eccentric rod assembly	1	
32	13523002	偏心轮连杆油毡	Eccentric connecting rod felt	1	
33	13527015	偏心轮连杆油毡压簧	Eccentric connecting rod linoleum compression spring	1	

注：N为气动款配置零件,D为电动款配置零件

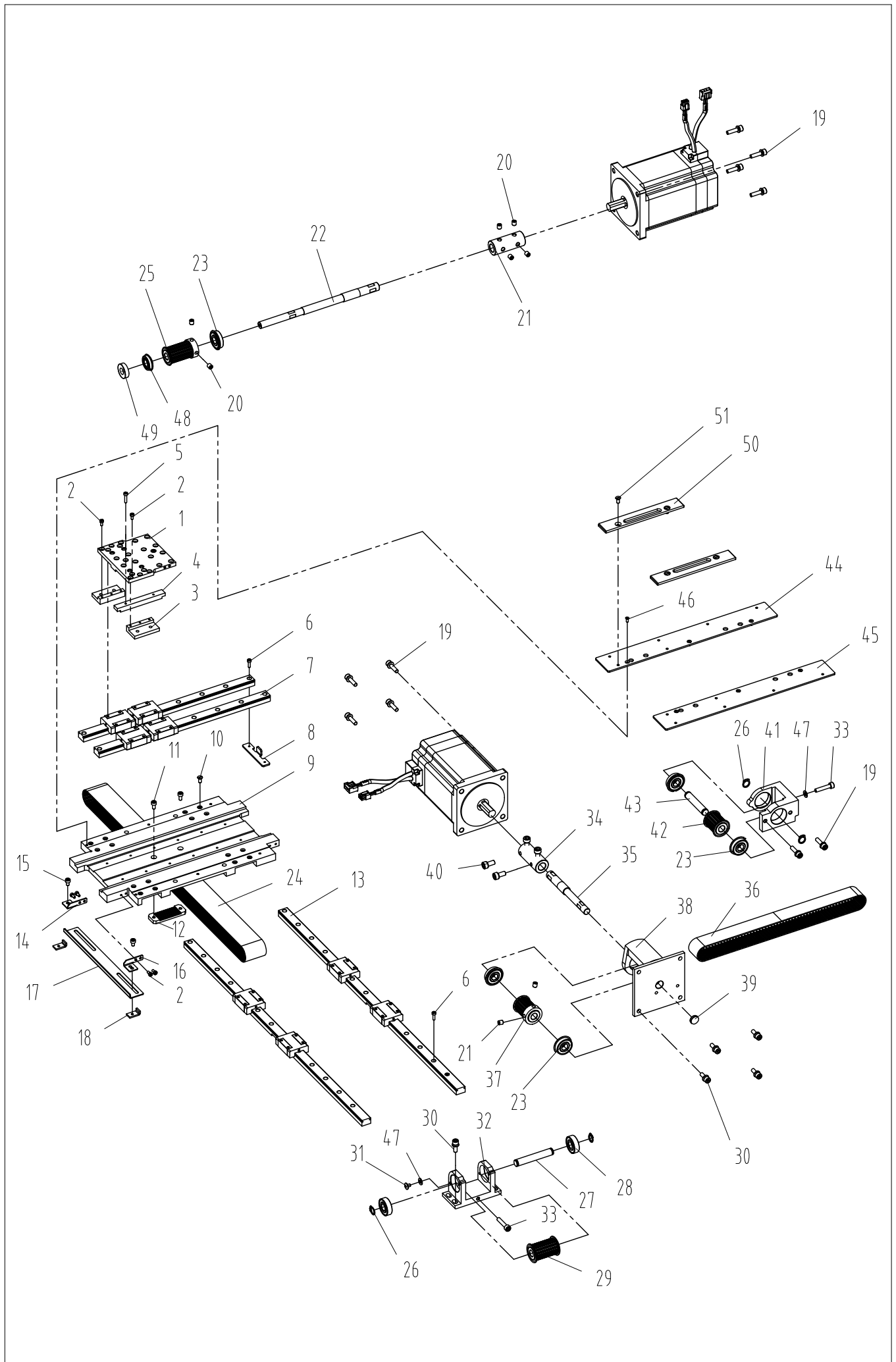
# 09. 剪线装置/Thread trimming mechanism



## 09.剪线装置/Thread trimming mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141710116700	刀架组件	tool rest assembly	1	
2	413S13017	螺钉M4×10	screw M4 x 10	2	
3	113S17002	活动刀固定螺钉	Movable knife fixing screws	2	
4	141712172	护针片	armor needle	1	
5	141719005	动刀片	blades	1	
6	141702070	MA切线驱动轴	ma Tangential drive shaft	1	
7	13601010	扭簧端盖	torsion spring end cover	1	
8	141727005	扭簧	torsional spring	1	
9	141701125	限位块	set blocks	1	
10	141712173	定位板	positioning plate	1	
11	402S16011	螺母	nut	1	
12	125S13001	弯针架座螺钉	bent pin holder screws	1	
13	417S30036	螺栓(带垫圈)M5×12	bolt (with washer)M5×12	2	
14	141701124	定刀座	fixed cutter holder	1	
15	141719006	定刀	knife	1	
16	113S17001	螺钉	screw	1	
17	13512010	旋梭定位钩		1	
18	101S11011	旋梭定位钩螺钉		1	
19	13612010	栏线板	bar line board	1	
20	201S11009	开槽圆柱头螺钉	screw	1	
21	402S16001	螺母	nut	1	
22	141712290	MA固定板	ma fixed plate	1	
23	421S13012	螺钉带垫M4X10	screw M4 x 10	2	
24	141705012	切线驱动杆	angential drive lever	1	
25	141703038	轴位螺钉	Shaft screw	1	
26	S05119	螺栓M4×20(滚花, 镀镍)"	Bolts M4x16 (Knurled, nickel plated)	2	
27	41730013	电磁阀接头X-APC4M5	Solenoid valve coupling X-APC4M5	2	
28	14174502400	气缸接头组合	cylinder joint combination	1	
29	417S30036	螺栓(带垫圈)M5×12	bolt (with washer)M5×12	2	
30	141712175	气缸固定板	Cylinder fixing plate	1	
31	421S13035	螺钉M4×8	screw M4 x 8	1	
32	141721007	长剪线吹气铜管	Ms-90a-2322 Cut wire blowing copper pipe	1	
33	141821005	剪线吹气铜管	Ms-90a-2322 Cut wire blowing copper pipe	1	
34	418S30218	螺钉M4×7	screw M4 x 7	2	
35	61911006	气管?4×2.5	the trachea? 4 x 2.5	3	
36	14170401000	凸轮曲柄组合	Hexagon socket set screws with concave end	1	
37	141745034	气缸CU16-5D	18.51020M-09-901 CAM crank combination	1	
38	402S14001	内六角凹端紧定螺钉	Allen socket end tightening screw	3	
39	W02001	垫圈5	Washer 5	1	

# 10. 送料装置/X-Y Feed Mechanism

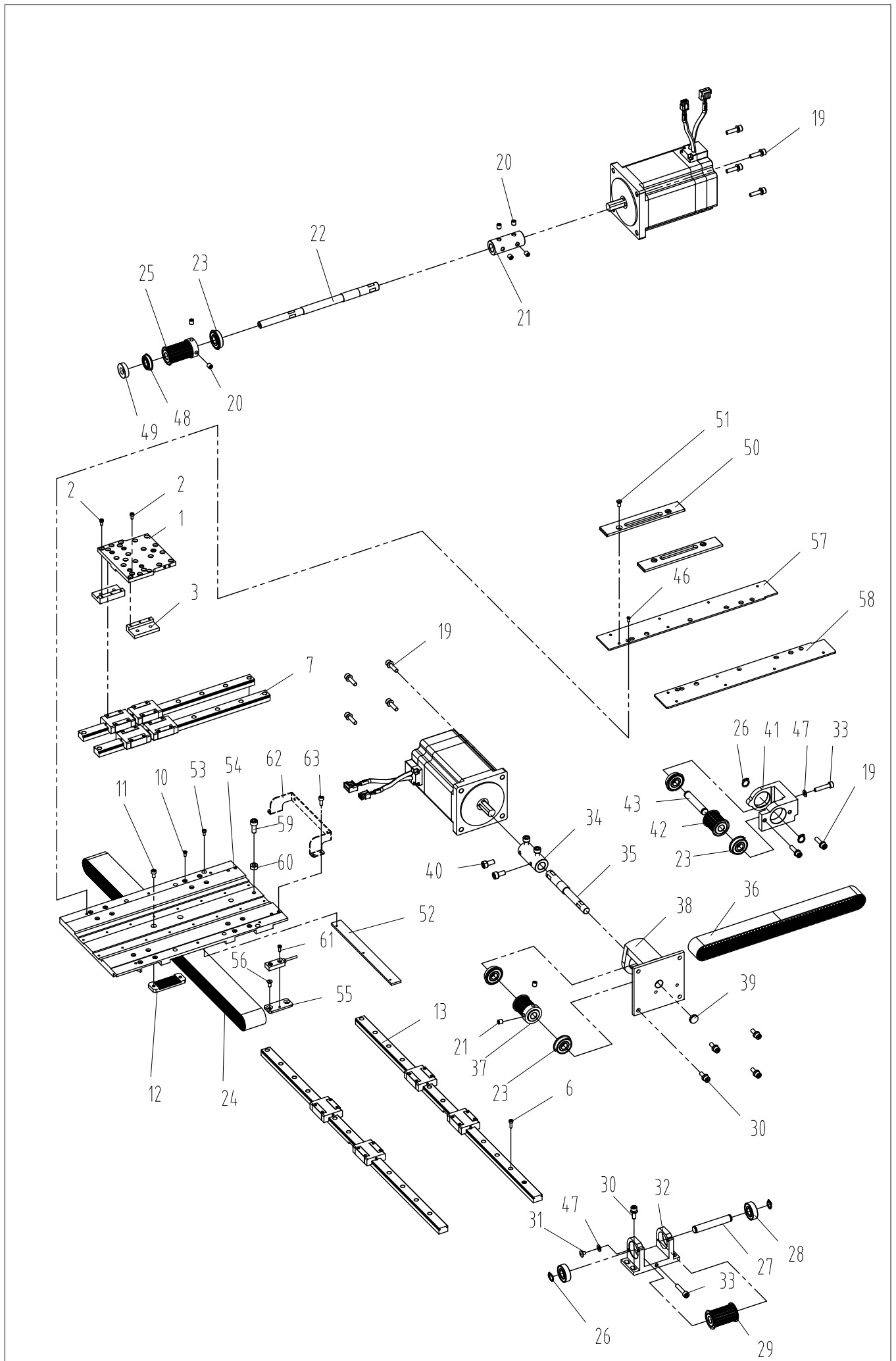


## 10.送料装置/X-Y Feed Mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141742035	Y基板	y substrate	1	
2	S05192	螺栓 M3×6	Bolts M3×6	26	
3	141742037	送布定位板	Positioning plate for delivery	2	
4	141742036	Y限位块	y set blocks	1	
5	413S14012	螺钉	screw	2	
6	S05052	螺钉 M3×10(镀亮铬)	Screws M3×10(galvanized)	37	
7	141708009	Y向导轨	y to guide	2	
8	141712164	Y限位片	y limit	1	
9	141742061	基板X	substrate	1	
10	S01027	开槽圆柱头螺钉M3×6	GB/T 65 Slotted cylindrical head screws M3	16	
11	421S13035	螺钉M4×8	screw M4 x 8	2	
12	141742039	X皮带压紧板	belt clamping plate	1	
13	141708017	导轨X	guide X	2	
14	141742040	固定支架L	Fixed bracket L	1	
15	S05115	螺栓M4×6(滚花, 镀镍)	Bolts M4x6 (knurled, nickel plated)	2	
16	141742041	固定支架R	fixed bracket R	1	
17	141742042	X传感板	x sensor plate	1	
18	141742043	板螺母	board nut	2	
19	421S13059	螺钉带垫M5×20	Screw with washer M5×20	10	
20	S10019	螺钉 M6X6(镀铬)	Screws M6X6(chrome plated)(imported)	12	
21	141702029	X轴联接	shaft coupling	1	
22	141702030	X驱动轴	drive shaft	1	
23	40324009	深沟球轴承6000(带挡圈)	Deep groove ball bearing 6000(with retaining	5	
24	141735014	X同步带	synchronous belt	1	
25	141735016	X同步带轮T	x Synchronous belt pulley T	1	
26	H03008	轴用挡圈 10	TB/T 894.1 retainer ring for shaft 10	4	
27	141702031	X从动轮轴	x driven wheel shaft	1	
28	B06006	深沟球轴承6000	Deep groove ball bearing 6000	2	
29	141735017	X同步带轮	x synchronous belt wheel	1	
30	417S30306	螺栓(带垫圈)M5×15	bolt (with washer)M5×15	8	
31	421S10022	螺钉M4×6	screw M4 x 6	4	
32	141711007	X轮座	X wheel seat	1	
33	S05035	内六角圆柱头螺钉M5×25	Hexagon socket head screws M5×25	2	
34	141702032	Y轴联接	y connection	1	
35	141702033	Y驱动轴	y drive shaft	1	
36	141735015	Y同步带	y synchronous belt	1	
37	141735019	Y同步带轮T	y Synchronous belt pulley T	1	
38	930000752	Y主动轮座(喷漆)	y Driving wheel seat (spray paint)	1	
39	12922001	橡皮塞12.5	Rubber plug Φ 12.5	1	
40	413S13005	内六角圆柱头螺钉M6×10	Hexagon socket head screws M6×10	4	
41	141701109	Y从动轮座	y slave wheel seat	1	
42	141735018	Y同步带轮	y synchronous belt wheel	1	
43	141702034	Y从动轮轴	y driven wheel shaft	1	
44	141712339	MA盖板安装条L	ma Cover mounting strip L	1	
45	141712338	MA盖板安装条R	ma Cover mounting strip R	1	
46	S02007	开槽沉头螺钉M3×5.4	Slotted countersunk head screws M3×5.4	6	
47	W01009	平垫圈 5(镀锌)	GB/T 97.1 Plain washer 5(galvanized)	5	
48	B10015	深沟球轴承61900ZZNR	Deep groove ball bearing 61900ZZNR	1	
49	B04036	轴承61900	Bearing 61900	1	
50	141712353	平衡板	balance sheet	2	
51	S02039	螺钉M4×9(镀镍)	screws M4x9 (nickel plated)	4	



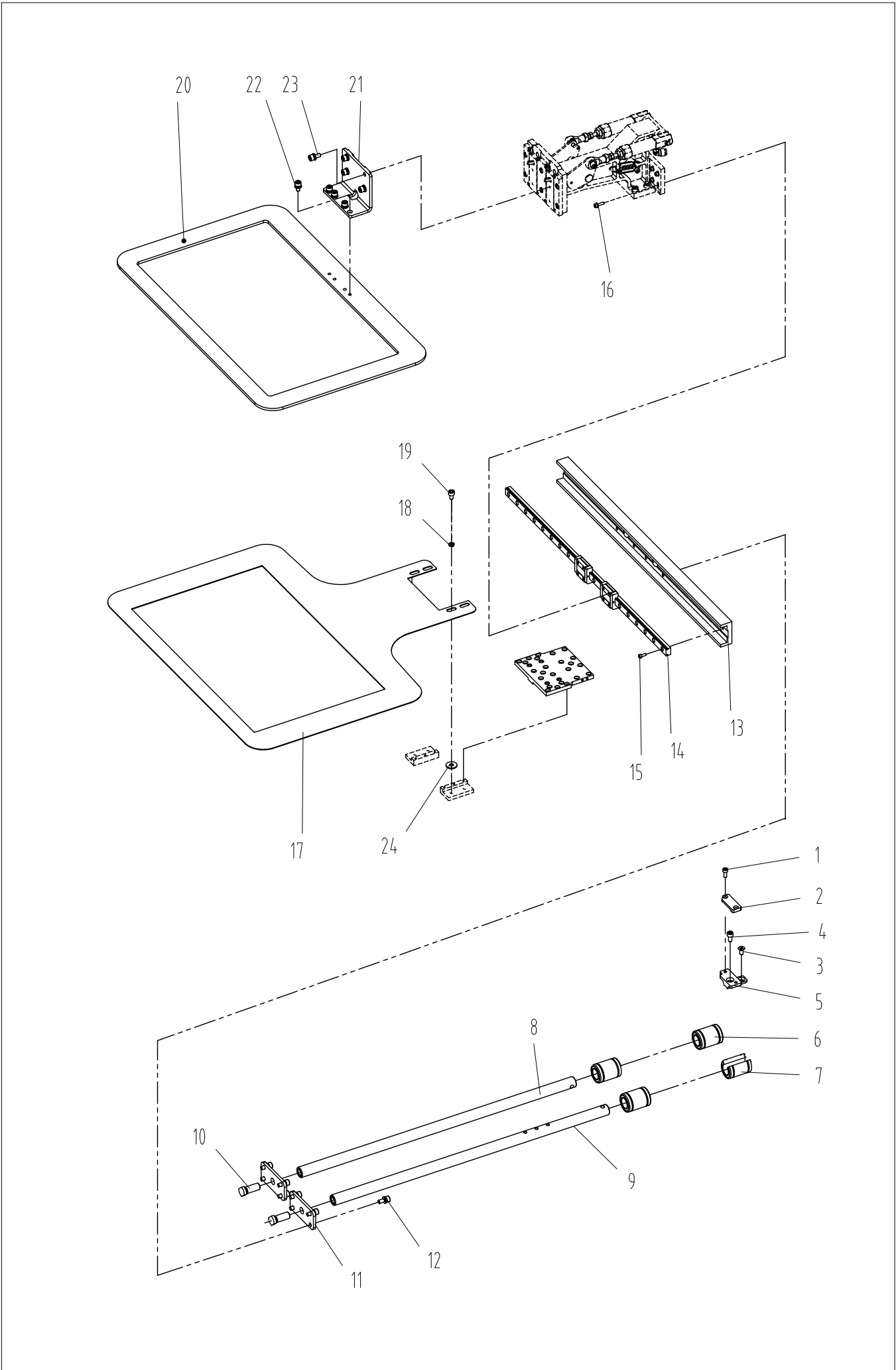
# 10. 送料装置/X-Y Feed Mechanism



## 10.送料装置/X-Y Feed Mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
2	S05192	螺栓 M3×6	Bolts M3×6	26	
3	141742037	送布定位板	Positioning plate for delivery	2	
6	S05052	螺钉 M3×10(镀亮铬)	Screws M3×10(galvanized)	37	
7	141708009	Y向导轨	y to guide	2	
9	141742061	基板X	substrate	1	
10	413S11011	螺钉M3×5	GB/65 Slotted cylindrical head screws M3x5	16	
11	421S13035	螺钉M4×8	screw M4 x 8	2	
12	141742039	X皮带压紧板	belt clamping plate	1	
13	141708017	导轨X	guide X	2	
19	421S13059	螺钉带垫M5×20	Screw with washer M5×20	10	
20	S10019	螺钉 M6X6(镀铬)	Screws M6X6(chrome plated)(imported)	12	
21	141702029	X轴联接	shaft coupling	1	
22	141702030	X驱动轴	drive shaft	1	
23	40324009	深沟球轴承6000(带挡圈)	Deep groove ball bearing 6000(with retaining	5	
24	141735014	X同步带	synchronous belt	1	
25	141735016	X同步带轮T	x Synchronous belt pulley T	1	
26	H03008	轴用挡圈 10	TB/T 894.1 retainer ring for shaft 10	4	
27	141702031	X从动轮轴	x driven wheel shaft	1	
28	B06006	深沟球轴承6000	Deep groove ball bearing 6000	2	
29	141735017	X同步带轮	x synchronous belt wheel	1	
30	417S30306	螺栓(带垫圈)M5×15	bolt (with washer)M5×15	8	
31	421S10022	螺钉M4×6	screw M4 x 6	4	
32	141711007	X轮座	X wheel seat	1	
33	S05035	内六角圆柱头螺钉M5×25	Hexagon socket head screws M5×25	2	
34	141702032	Y轴联接	y connection	1	
35	141702033	Y驱动轴	y drive shaft	1	
36	141735015	Y同步带	y synchronous belt	1	
37	141735019	Y同步带轮T	y Synchronous belt pulley T	1	
38	930000752	Y主动轮座(喷漆)	y Driving wheel seat (spray paint)	1	
39	12922001	橡皮塞12.5	Rubber plug Φ 12.5	1	
40	413S13005	内六角圆柱头螺钉M6×10	Hexagon socket head screws M6×10	4	
41	141701109	Y从动轮座	y slave wheel seat	1	
42	141735018	Y同步带轮	y synchronous belt wheel	1	
43	141702034	Y从动轮轴	y driven wheel shaft	1	
44	141712339	MA盖板安装条L	ma Cover mounting strip L	1	
45	141712338	MA盖板安装条R	ma Cover mounting strip R	1	
46	S02007	开槽沉头螺钉M3×5.4	Slotted countersunk head screws M3×5.4	6	
47	W01009	平垫圈 5(镀锌)	GB/T 97.1 Plain washer 5(galvanized)	5	
48	B10015	深沟球轴承61900ZZNR	Deep groove ball bearing 61900ZZNR	1	
49	B04036	轴承61900	Bearing 61900	1	
50	141712353	平衡板	balance sheet	2	
51	S02039	螺钉M4×9(镀镍)	screws M4x9 (nickel plated)	4	
52	141712369	X感应片		1	
53	S05192	螺栓 M3×6		3	
54	141742080	基板X	substrate X	1	
55	141742081	X感应器垫		1	
56	S02039	螺钉M4×9(镀镍)	screw M4 x 9	2	
57	141712368	盖板安装条L	ma Cover mounting strip L	1	
58	141712367	盖板安装条R	ma Cover mounting strip R	1	
59	S05085	内六角圆柱头螺钉M6×15	Hexagon socket head screws M6×12	1	
60	N01012	六角螺母M6	nut	1	
61	421S10015	螺钉M3×8	screw M3 x 8	1	
62	141712370	波纹片支架	Corrugated sheet support	1	
63	413S13017	内六角圆柱头螺钉	Hexagon socket head screws	4	

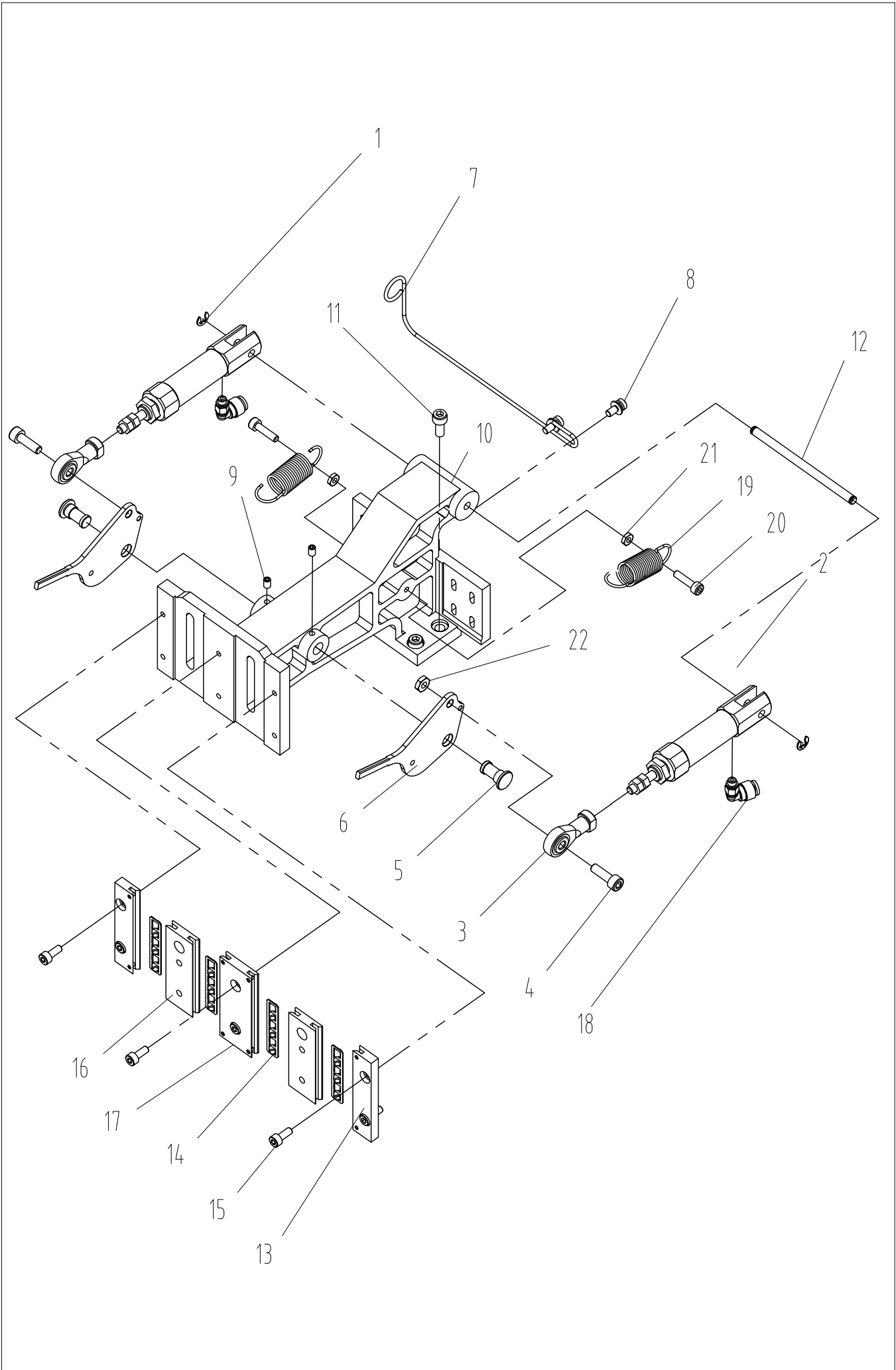
# 11. 压框装置/Work Holder Mechanism



## 11.压框装置/Work Holder Mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	413S13017	螺钉M4×10	screw M4 x 10	2	
2	141701110	Y皮带夹紧板	y belt clamping plate	1	
3	421S17009	螺钉M5×10	screw M5 * 10	1	
4	S05121	螺栓M5×10(滚花, 镀镍)	Bolts M5×10(Knurlled, nickel plated)	1	
5	141701129	皮带固定块	y belt fixing block	1	
6	141724018	直线轴承LM162837UU	linear bearing LM162837UU	3	
7	141724019	直线轴承LM162837UUOP	linear bearing LM162837UUOP	1	
8	141702068	Y送料轴	y feed shaft	1	
9	141702067	Y送料辅助轴	y Feeding auxiliary shaft	1	
10	1417NS30001	螺钉M10×1	screw M10 x 1	2	
11	141712168	Y导向连接板	y guide connecting plate	2	
12	417S30036	螺栓(带垫圈)M5×12	bolt (with washer)M5×12	8	
13	141742051	Y送料横梁	y feeding beam	1	
14	141708010	横梁导轨	beam guide rail	1	
15	S05094	螺钉M3×8(镀铬)	GB/T 70.1-2000 screws M3×8(chrome plated)	10	
16	421S11001	螺钉带垫M3×12	Screw with washer M3x12	8	
17	141712341	MA送料板	ma feed plate	1	
18	W01009	平垫圈 5(镀锌)	GB/T 97.1 Plain washer 5(galvanized)	4	
19	413S13010	内六角螺钉	Screw	4	
20	141712340	MA送料压板	Feed pressing plate	1	
21	141712169	压脚	presser foot	1	
22	417S30035	螺栓(带垫圈)M5×10	bolt (with washer)M5×10	4	
23	417S30036	螺栓(带垫圈)M5×12	bolt (with washer)M5×12	4	
24	41728004	垫圈	gasket	4	
25	W02003	标准型弹簧垫圈10	washer	2	

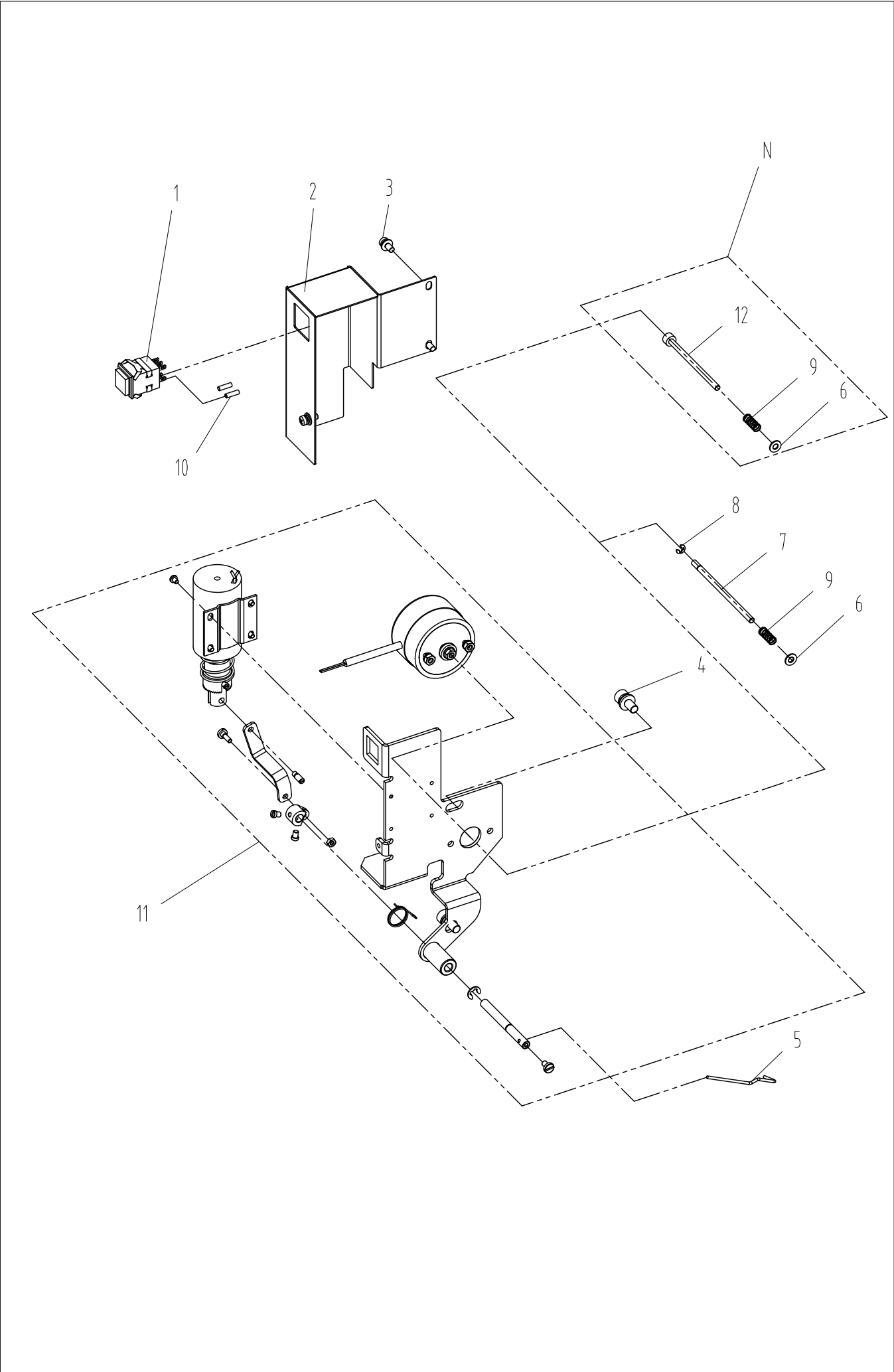
# 12. 抬压臂装置/Work Holder Mechanism



## 12. 抬压臂装置/Work Holder Mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	H05029	挡圈 E4(进口S0.6)(发黑)	Retainer E4(imported S0.6)(blackened)	2	
2	141745029	气缸组件(单动)	Cylinder assembly R	2	
3	40736042	M5鱼眼接头内螺纹	Fisheye connector M5	2	
4	S05218	内六角圆柱头螺钉M5×22(镀镍)	Hexagon socket head screw M5×22 (nickel plated)	2	
5	141702043	推杆支点轴	push rod pivot shaft	2	
6	141742049	推杆	putter	2	
7	141742079	气管支架	Tracheal stents	1	
8	417S30025	螺栓(带垫圈)M4×10DB	Bolts (with washer) M4x10dB	2	
9	S10008	凹端紧定螺钉 M4×6	set screws with concave end M4x6	2	
10	141701130	抬压臂B	Lift arm B	1	
11	S05087	内六角圆柱头螺钉M5×12(镀镍)	Bolts M5×12(Knurled, nickel plated)	4	
12	141702042	气缸固定轴	Cylinder fixed shaft	1	
13	14170903800	滚板导向1组件	Roller guide 1 component	2	
14	141742050	滚板	rolled plate	4	
15	413S13017	螺钉M4×10	screw M4 x 10	6	
16	141709040	滑块	block	2	
17	14170903900	滚板导向2组件	Roller guide 2 components	1	
18	41736003	气管接头	Air pipe connector	2	
19	141727006	复位弹簧	Return spring	2	
20	S05118	内六角螺钉M4×16(滚花)	Bolts	2	
21	N01024	螺母	Nut M4	2	
22	407N01001	自锁螺母M5	Self-locking nut M5	2	

13. 扫线装置/Thread Wiper mechanism



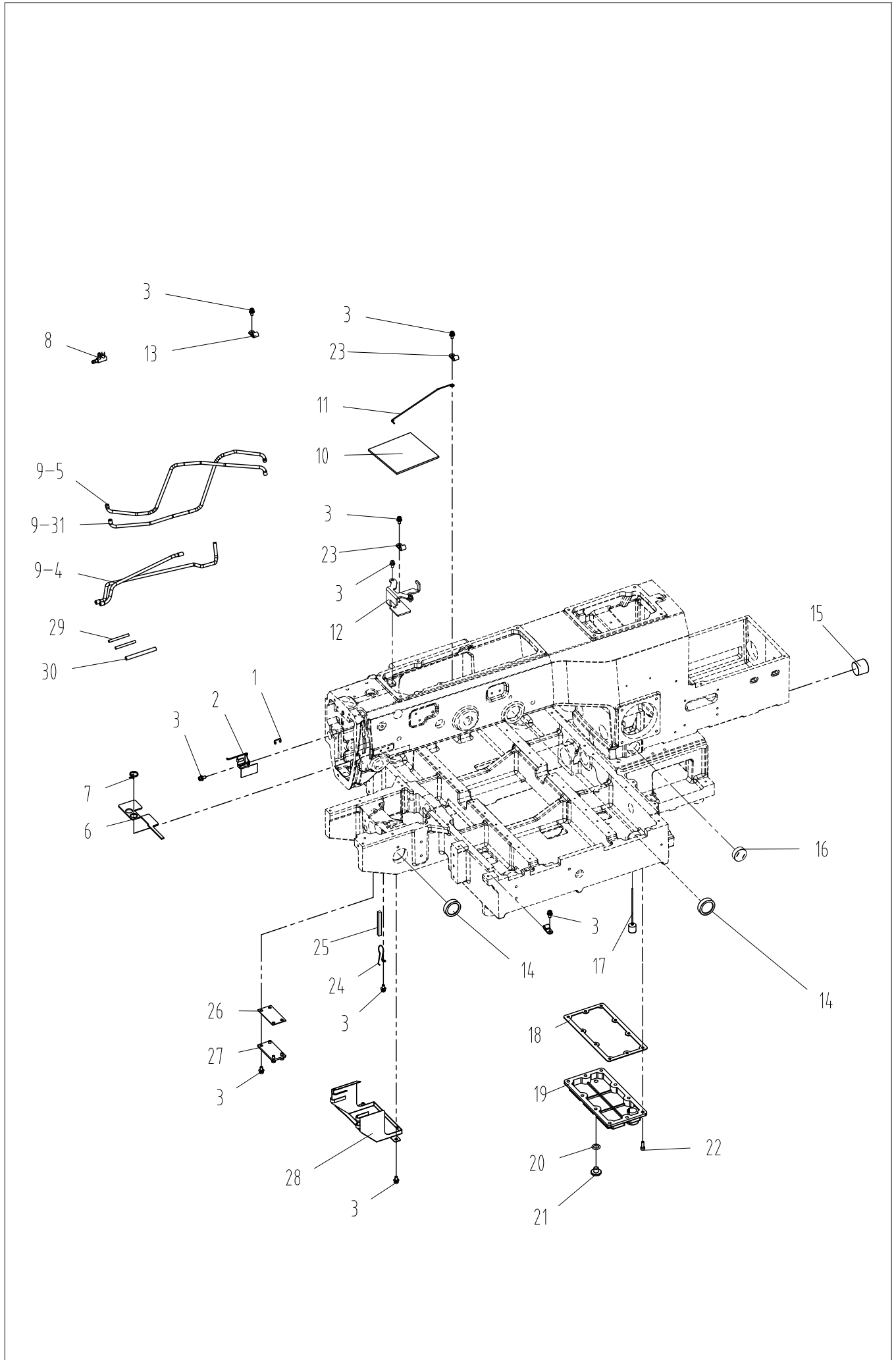
### 13.扫线装置/Thread Wiper mechanism

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141730036	急停开关	emergency stop switch	1	
2	930000771	电磁铁盖(喷漆)	Electromagnet cover (spray paint)	1	
3	417S30025	螺栓(带垫圈)M4×10DB(切换)	Bolts (with washer) M4x10dB	3	
4	417S30037	螺栓M6×14	bolt M6 x 14	2	
5	141727021	扫线钢丝	Sweeping steel wire	1	
6	W01001	平垫圈 4	GB/T 97.1 Flat washer 4	1	
7	141702058	松线杆	pine pole	1	D
8	H05002	开口挡圈3	Open baffle ring 3	1	
9	41727013	弹簧	spring	1	
10	141730097	绝缘胶套	Insulated sleeve	2	
11	14173003400	松线扫线电磁铁组件	Loose wire sweep electromagnet assembly	1	
12	141702073	松线杆	pine pole	1	N

注：N为气动款配置零件, D为电动款配置零件



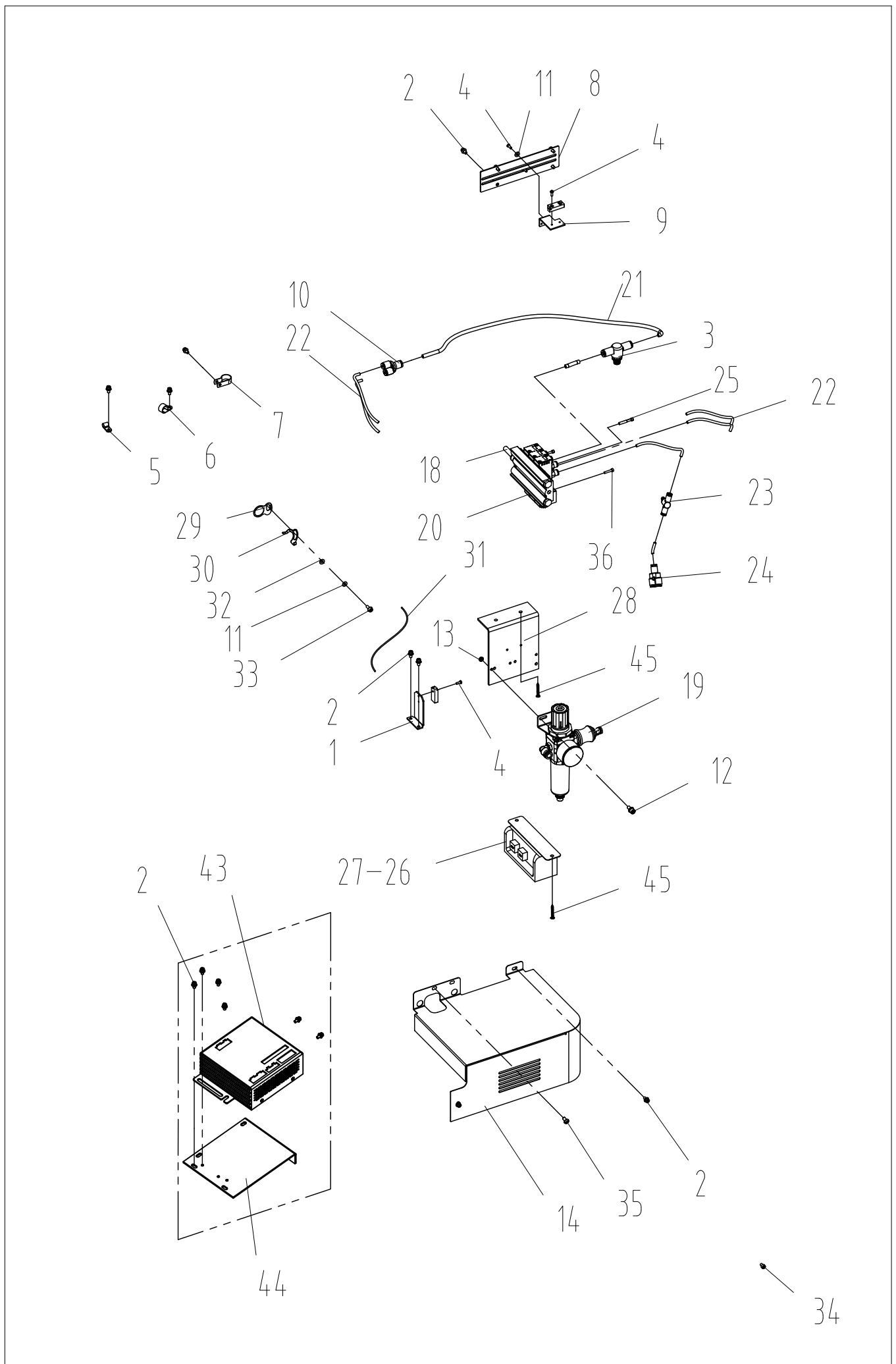
# 14. 供油润滑装置/Lubrication



## 14.供油润滑装置/Lubrication

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141713012	油线勾	oil line hook	1	
2	141742070	挑线杆油毡支架	Oilseed cotton support	1	
3	417S30025	螺栓(带垫圈)M4×10DB(切换)	Bolts (with washer) M4x10dB	15	
4	12921002	维尼龙油管(φ3xφ5)(进口)	Vinylon Tubing (φ3xφ5)(import)	1.500	
5	12921005	油管(φ4xφ6)(进口)	tubing (φ4xφ6)	2.300	
6	41723005	油毡	linoleum	1	
7	141727016	油毡支架	linoleum support	1	
8	41736001	管接头L	pipe connector L	1	
9	141723013	毛线(白色)	Wool (red)	8	
10	141723011	油毡5	linoleum	1	
11	141727017	固定架	fixed frame	1	
12	141712233	油管支架	tubing support	1	
13	41711015	电线夹13.2	Wire clamp 13.2	2	
14	14171102800	油窗组件	Oil window assembly	2	
15	141722016	橡胶塞φ25	rubber plug φ25	1	
16	141711025	油窗	oil window	1	
17	14174401100	油标组件	oil standard components	1	
18	141722015	底盖垫片	Bottom cover gasket	1	
19	141711015	底盖	bottom cover	1	
20	O01046	O形圈9.5×2.5	ring 9.5×2.5	1	
21	421S10021	十字半圆头螺钉	Drain screw	1	
22	413S13011	内六角螺钉	Hexagon socket screws	10	
23	41711014	电线夹6.4(切换)	Wire clamp 6.4	3	
24	141727019	油线挂钩	Oil line hook	1	
25	141723012	油毡7	linoleum	1	
26	141722014	密封垫	gasket	1	
27	141712190	垫盖	cushion cover	1	
28	14171223000	集油盒组件	oil collecting box assembly	1	
29	12923018	油线4×4(进口)	Oil line 4×4(import)	0.750	
30	12923019	油线6×6(进口)	Oil line 6×6(import)	0.700	
31	12921005	油管(φ4xφ6)(进口)	tubing (φ4xφ6)	0.300	
32	S04035	螺钉M4×6(镀铬)(进口)	Screws M4x6	2	
33	141712223	压板	pressure plate	3	

# 15、电路及气管(大豪)

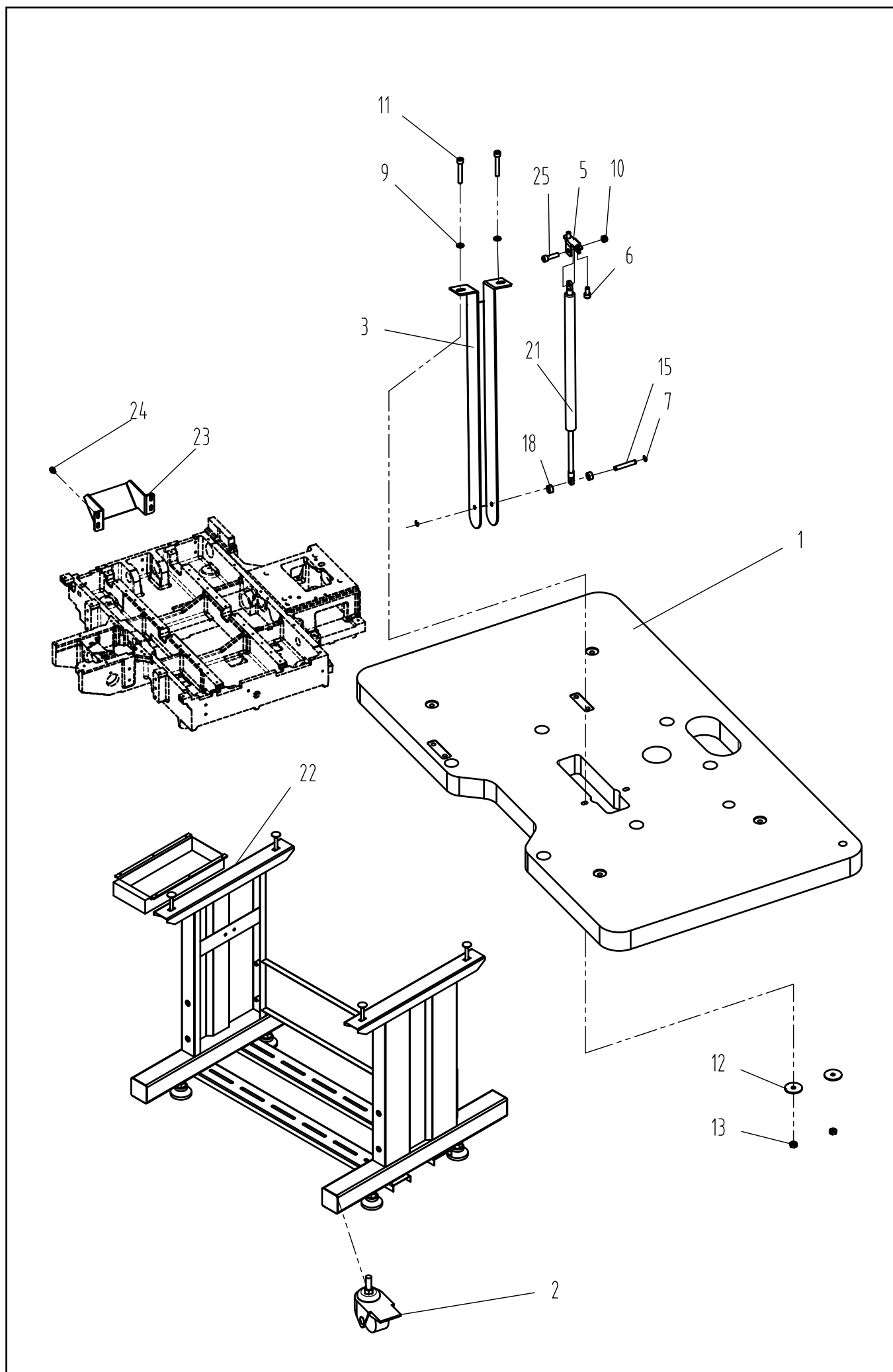


## 15.电气部分/Electrical part

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141712209	X 检测器座(切换)	x detector holder	1	
2	417S30025	螺栓(带垫圈)M4×10DB	Bolts (with washer) M4x10dB	19	
3	40736050	可调节气管接头	Control valve	1	
4	421S10015	螺钉M3×8	Screws M3×8(nickel plated)	4	
5	41711014	电线夹6.4(切换)	Wire clamp 6.4	1	
6	41711015	电线夹13.2	Wire clamp 13.2	2	
7	41711017	电线夹16	wire clamp 16	6	
8	930000822	Y侧后盖 (喷漆)	y side rear cover (spray paint)	1	
9	141712291	Y感应器安装板	y sensor mounting plate	1	
10	140736004	气管接头KQ2U04-06A	Tee connector	1	
11	W01001	平垫圈 4	GB/T 97.1 Flat washer 4	4	
12	421S13012	螺栓(带垫圈)M4×10	Bolts M4x10	2	
13	N01024	六角螺母 M4(厚度2.2, 镀镍)	nut M4	2	
14	930001034	NE大豪电控罩壳 (喷漆)	ne Electric Control Housing (spray paint)	1	
18	42221503	气管 φ8	tracheal phi 8-24-012	1	
19	14174504100	气源处理器	Air source processor	1	
20	14174504400	五位电磁阀组件	five-position solenoid valve assembly	1	D
20	14174504400	电磁阀组件	position solenoid valve assembly	1	N
21	142045009	气管 φ6	tracheal phi φ6	1.300	D
21	142045009	气管 φ6	tracheal phi φ6	2.200	N
22	61911006	气管?4×2.5	the trachea? 4 x 2.5	4.200	
23	41845232	接头PA4	joint PA4	1	
24	40736036	气管接头APY4(Y型三通)	Air pipe joint APY4(Y tee)	1	
25	42122001	快换插头	Plug	2	
26	41830213	押扣开关	snap switch	1	
27	99300017	控制器电源线	Controller power cable /2.8M	1	
28	41712106	阀安装板	Mounting plate for valve	1	
29	41711054	传感器内绝缘片	Insulation sheet inside sensor	1	
30	42212837	感应铜片	induction copper sheet	1	
31	141830008	单芯线	single conductor	1.600	
32	41711053	传感器外绝缘片	Outer insulation sheet for sensor	1	
33	413S13017	螺钉M4×10	screw M4 x 10	1	
34	S05115	螺栓M4×6(滚花, 镀镍)	Bolts M4x6 (knurled, nickel plated)	1	
35	S04028	螺钉M5×8(镀亮光铬)	screw M5×8(bright chrome plated)	2	
36	417S30024	螺栓 M4×30	screw M4 x 30	2	
41	S02039	螺钉M4×9(镀镍)	screw M4 x 9	2	D
42	413S13017	内六角圆柱头螺钉	screw M4 x 10	2	D
43	141730105	三菱款大豪电控6ER-44X2-YJ2(SK)	Electric Control	1	D
43	14173011600	经济款电控(6代大豪气动压脚)	Electronic control	1	N
44	141712363	大豪6代激光电控安装板		1	
45	403S30014	自攻螺钉3.8×25	Self-tapping screws 3.8×25	8	

注: N为气动款配置零件, D为电动款配置零件

# 16. 台板及脚架/Table & Stand



## 16.台板及脚架/Table & Stand

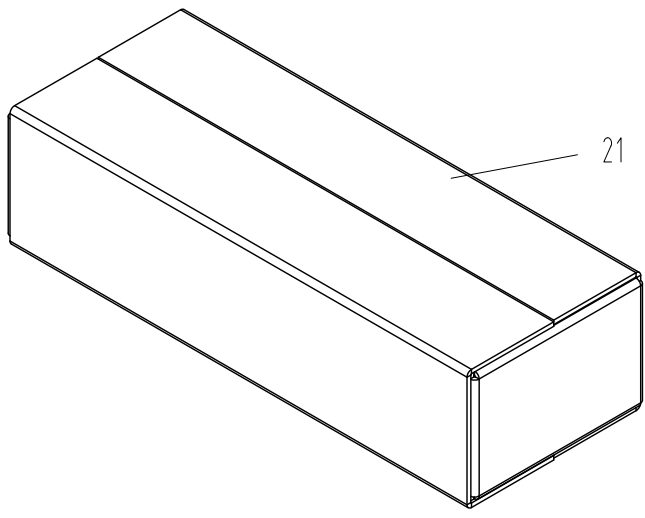
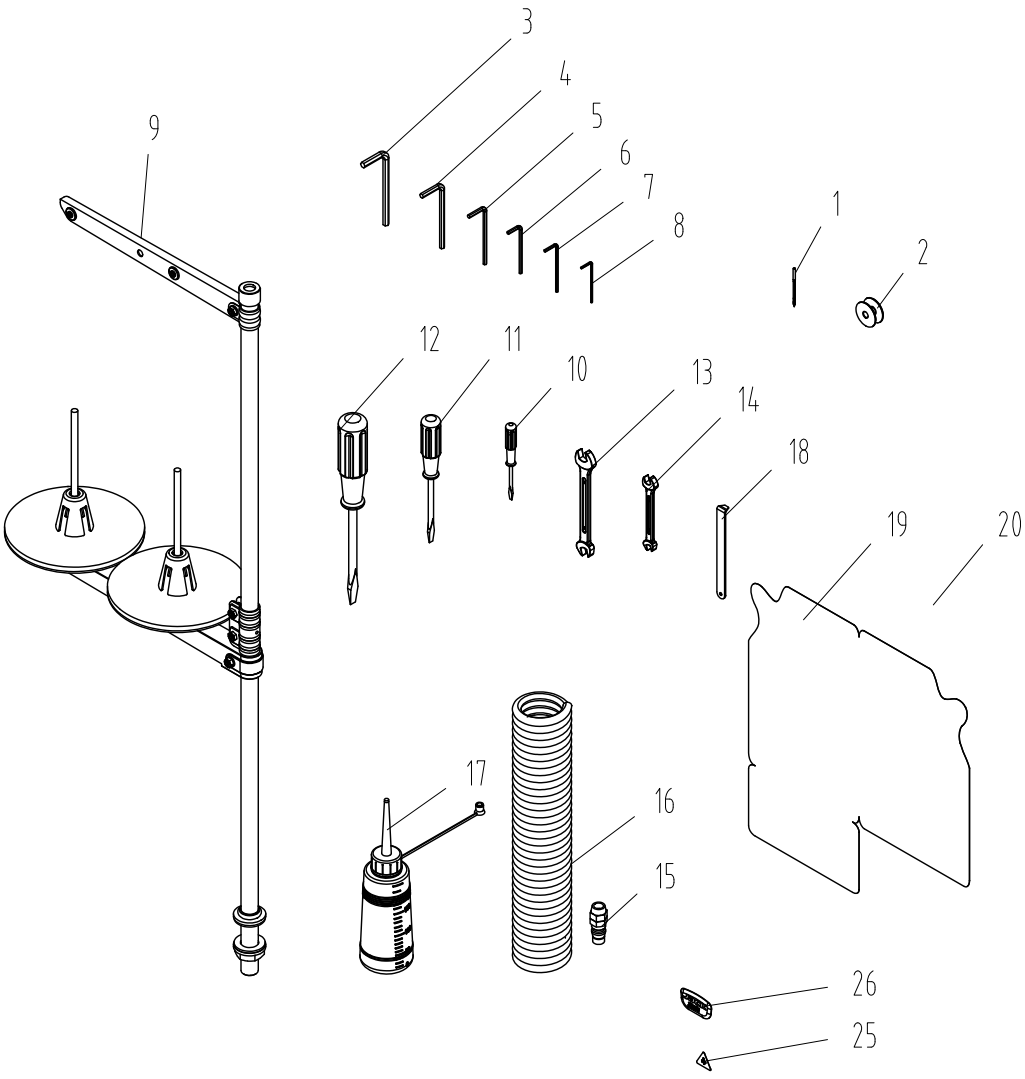
序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	141732038	机台板(杰克)	Machine plate	1	
1	141732076	中性台板	Neutral platen	1	中性
2	14173202300	三菱脚轮	Mitsubishi caster	4	
3	930002030	气弹簧(喷漆)	Gas Springs (Painted)	1	D
5	141712383	气弹簧连接件	articulated	1	D
6	S05193	螺钉 M8×16	GB/T 70.1 screw M8×16	2	D
7	H05013	挡圈6	Retaining ring 6 GB/T896-1986	2	D
9	41712133	垫圈8	washer	3	D
10	407N01004	自锁螺母	nut	1	D
11	S05139	内六角圆柱头螺钉M8×55	Hexagon socket head screws M8×55	2	D
12	41728030	垫圈2.3×8.5×38	gasket 2.3 * 8.5 * 38	2	D
13	N01008	六角螺母M8×6.2	Hexagon nuts M8×6.2 GB/T6170	2	D
15	141702062	轴D	collar	1	D
18	41703028	轴套 GS	collar GS	2	D
21	141730048	气弹簧720	Gas spring 720	1	D
22	14173202900	三菱机架Q	Mitsubishi rack Q	1	
22	14173211300	旋梭款中性机架组件(不可升降)	Hook type neutral frame assembly (non-lifting)	1	中性
23	141712203	头架	Support frame	1	N
24	417S30035	螺栓(带垫圈)M5×10	Bolts (with washer) M5×10	4	N
25	421S13057	内六角圆柱头螺钉	screws	1	D

注：N为气动款配置零件,D为电动款配置零件

### 16-1.台板及脚架(激光)/Platens and tripods (laser)

序号 No.	件号 Part.No.	零部件名	NAME OF PARTS	数量 Amt.	备注
101	141732063	台板(杰克)	Platens	1	
102	41532020	脚轮	Casters	4	
103	14173204000	机架组件Q	Rack components	1	
105	417S30306	内六角圆柱头螺	Allen cylindrical head screw	4	
106	41828611	平垫圈M5	Flat washer M5	4	
107	141709064	螺母	nut	4	

# 17. 附件箱/Accessories



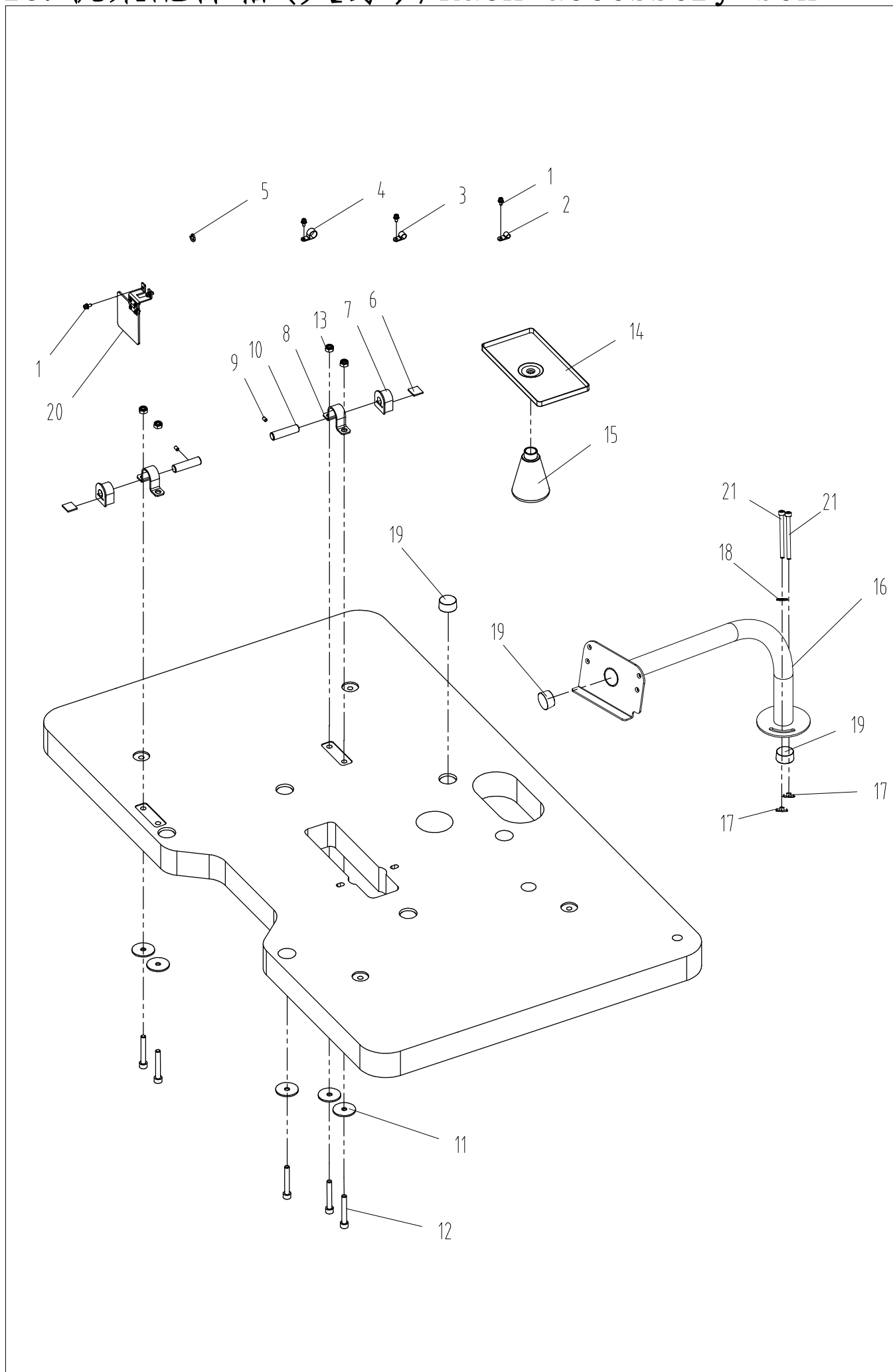
- 22
- 23
- 24
- 27
- 28

## 17.附件箱/Accessories

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	40319006	机针DPx17#19	needle DPx17 # 19	5	
2	10818501	梭心605.609大梭心	Spindle 605.609 Large spindle	3	
3	20131056	内六角扳手5mm	Inner hexagon wrench 5mm	1	
4	20131047	内六角扳手4mm	Inner hexagon wrench 4mm	1	
5	30131012	内六角扳手3mm	Hexagon socket wrench 3mm	1	
6	30131010	内六角扳手2.5mm	Hexagon socket wrench 2.5mm	1	
7	20131046	内六角扳手2mm	Inner hexagon wrench 2mm	1	
8	30131007	内六角扳手(1.5mm)	Hexagon socket wrench (1.5mm)	1	
9	1383100300	线架组件	Cable stand assembly	1	
10	10131004	螺丝刀(小)	Screwdriver (small)	1	
11	10131003	螺丝刀(中)	Screwdriver (middle)	1	
12	10131002	螺丝刀(大)	Screwdriver (large)	1	
13	30131006	双开口扳手(8-10mm)	Double open end wrench (8-10mm)	1	
14	30131005	扳手(6mm~7mm)	Wrench (6mm ~ 7mm)	1	
15	40736001	螺纹套管接头	Threaded casing joint	1	
16	141745031	螺旋气管	spiral air pipe	1	
17	11631008	油壶组件	Oil can assembly	1	
18	41712355	针板专用螺丝刀	Screwdriver for needle plate	1	
19	110211011	油袋(400ml)	The oil bag	1	
20	933672	白油10#	white oil	0.500	
21	41731015	花样机附件箱	Flower prototype accessory box	1	
22	20131076	15×9袋	15 * 9 bags	2	
23	20131077	20×15袋	20 x 15 bags	1	
24	20131078	32.5×7袋	32.5 x 7 bags	1	
25	20131063	警告牌	warning sign	1	
26	13837002	商标牌(示意图)	Trademark plate	1	
27	140231030	安全使用说明	Safety instructions	1	
28	978909	气泡袋260×235	Air bubble bags 260×235	1	



# 18. 机架配件箱(大豪)/Rack accessory box



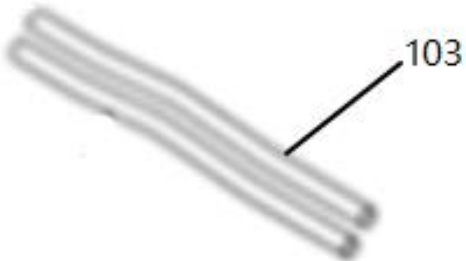
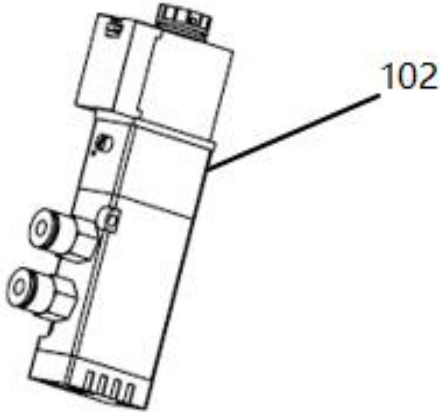
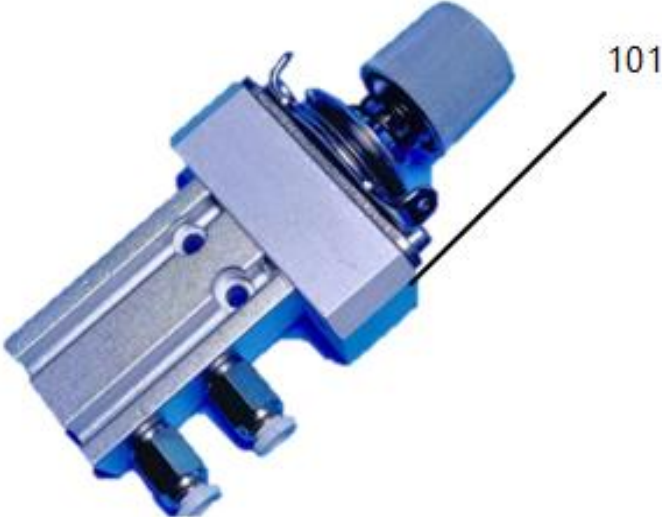
## 18.机架配件箱/Rack accessory box

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	417S30025	螺栓(带垫圈)M4×10DB	Bolts M4x10dB	6	
2	41711014	电线夹6.4	Wire clamp 6.4	2	
3	41711016	电线夹8.4	wire clamp 8.4	3	
4	41711015	电线夹13.2	Wire clamp 13.2	1	
5	W02011	M8不锈钢弹簧垫片	washer	1	
6	141712214	支承板	plate	2	
7	141722018	铰链橡胶	hinge rubber	2	
8	141712215	铰链座	hinge seat	2	
9	403S14008	内六角平端紧定螺钉	Screws M5X5(chrome plated)(imported)	2	
10	141702047	铰链轴	hinge axis	2	
11	41728030	垫圈2.3×8.5×38	gasket 2.3 * 8.5 * 38	7	N数量为5
12	S05139	内六角圆柱头螺钉M8×55	Hexagon socket head screws M8×55	7	N数量为5
13	407N01004	自锁螺母M8	Self-locking nut M8	4	
14	14171220800	油盘组件	pan assembly	1	
15	141711020	油瓶	oil bottle	1	
16	930002023	显示屏支架组件(喷漆)	Display bracket (spray paint)	1	
17	141712518	显示屏支架四爪螺母	Display bracket Four-jaw nut	2	
18	W01021	垫圈6.3×18×1.2	gasket 6.3×18×1.2	1	
19	141722023	机头垫	The nose pad	8	
20	14171101900	护眼板组件	Eye guard assembly	1	
21	S05126	螺钉 M6×75	screws M6×75	2	

注：N为气动款配置零件，D为电动款配置零件

19. 二次夹线/Secondary clamp wire

---

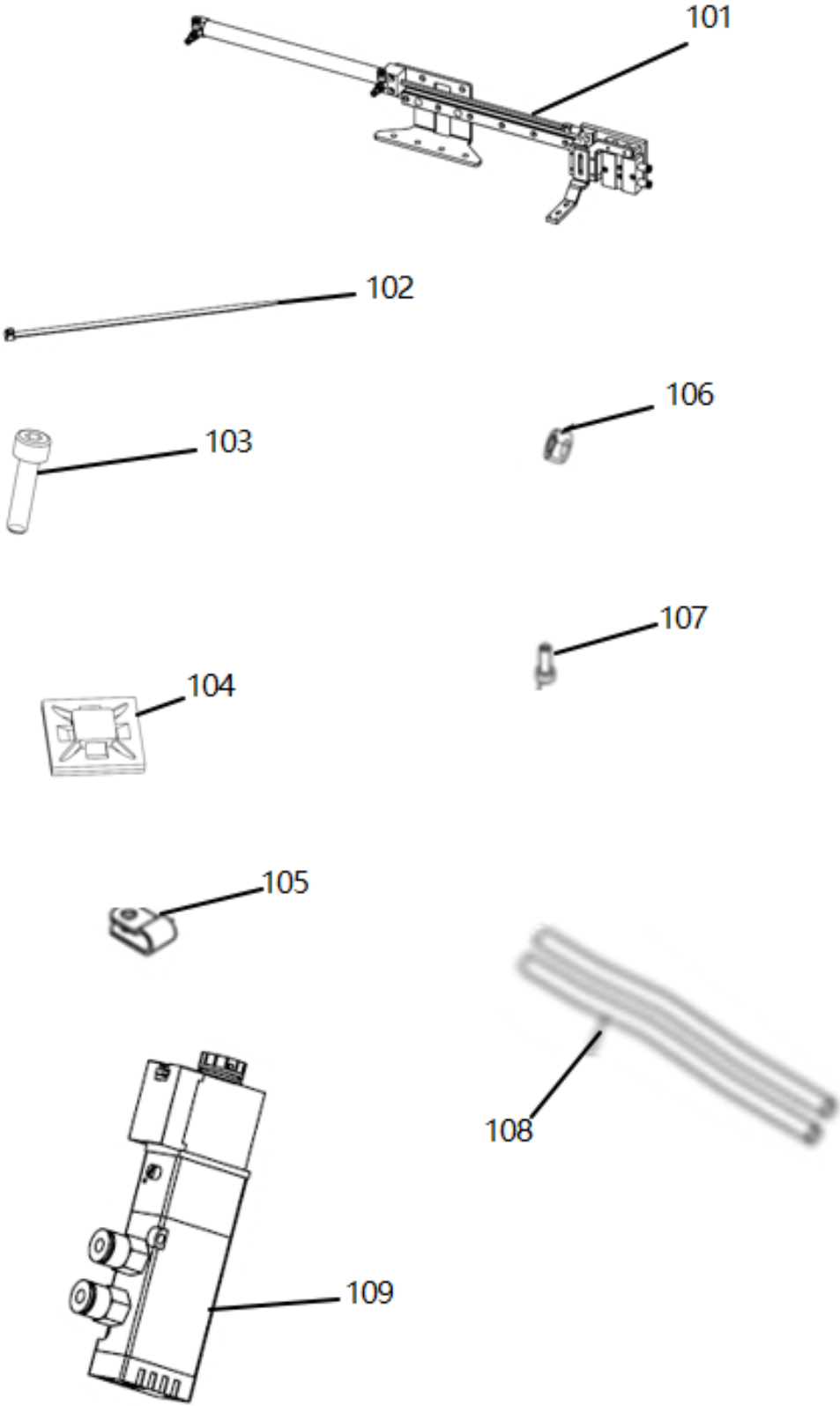


## 19.二次夹线/Secondary clamp wire

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
101	14173006400	二次夹线组件	secondary clamp assembly	1	
102	141745043	两位五通 $\phi 4$ 电磁阀	two-position five-way $\phi 4$ solenoid valve	1	
103	41711016	气管? $4 \times 2.5$	the trachea? 4 x 2.5	5	

20. 侧滑装置/Side slip device

---

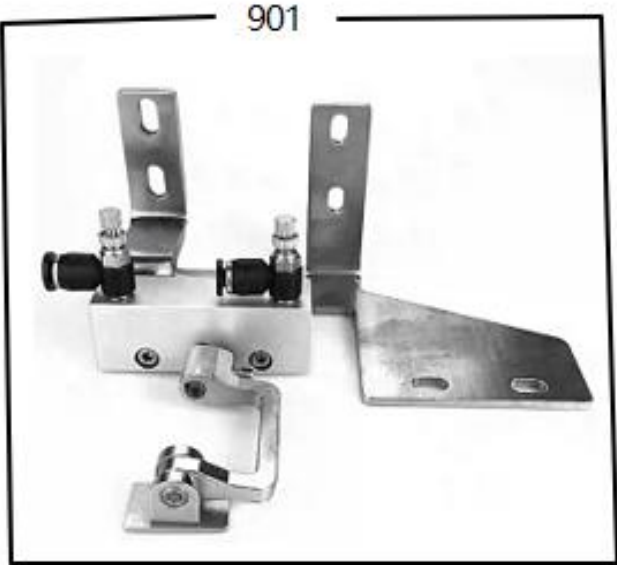
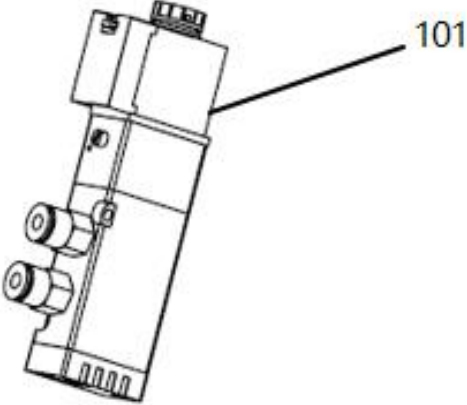


## 20.侧滑装置/Side slip device

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
101	14171602100	侧滑压脚	sideslip foot	1	
102	61910003	扎带(小)	Cable Tie (small)	3	
103	s05118	螺栓M4×16(滚花,镀镍)"	Bolts M4x16 (Knurled, nickel plated)	1	
104	61910026	粘式配线固定座HC-101WP	Sticky wiring fixing base HC-101WP	1	
105	41711016	电线夹8.4	wire clamp 8.4	1	
106	N01024	六角螺母 M4	Hexagon nut M4(thickness 2.2, Nickel plated)	1	
107	s05087	螺栓M5×12(滚花,镀镍)"	Bolts M5×12	4	
108	61911006	气管?4×2.5	the trachea? 4 x 2.5	4	
109	141745043	两位五通φ4电磁阀	two-position five-way φ4 solenoid valve	2	

21. 翻转装置/Flipping device

---



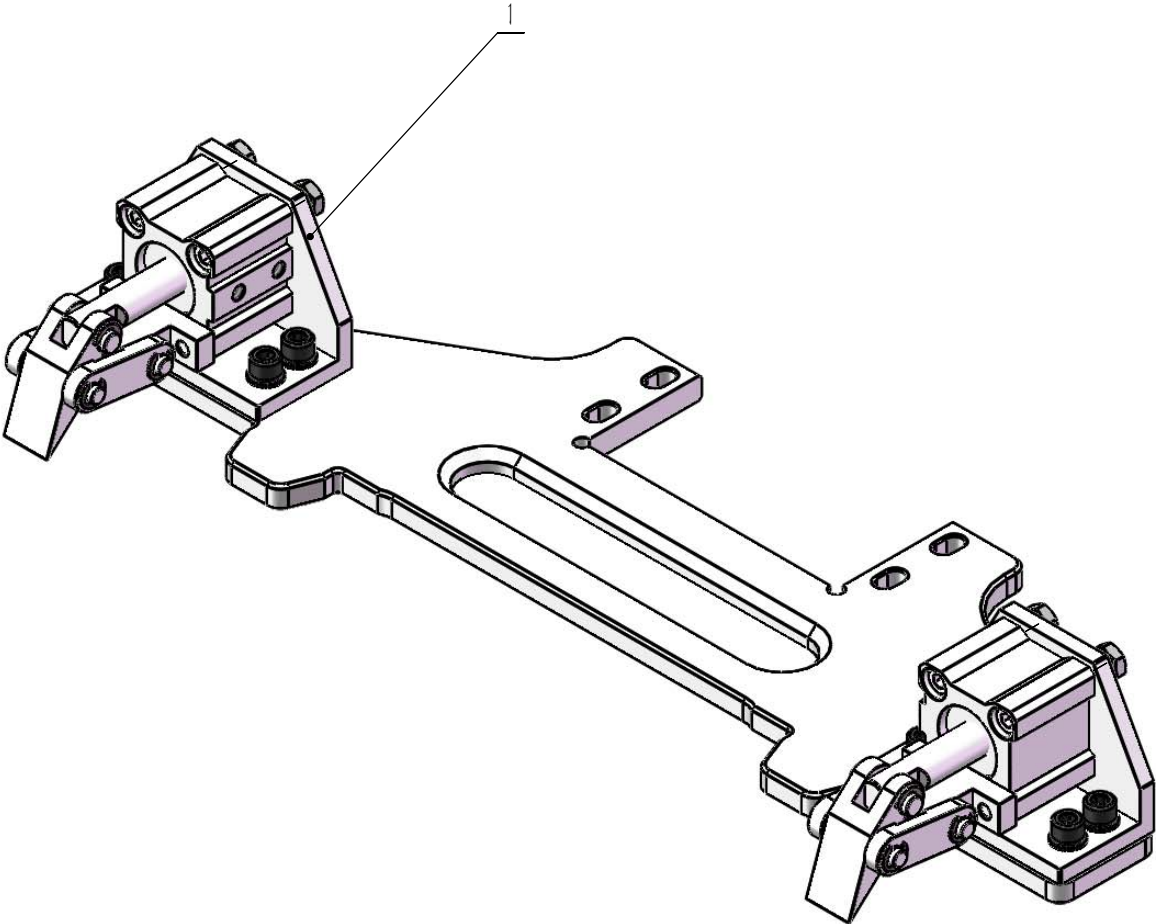
## 21.翻转装置/Flipping device

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
101	141745043	两位五通φ4电磁阀	two-position five-way φ4 solenoid valve	2	
901	141745021	翻转压脚(试制)	Flip press foot (trial production)	1	



22. 夹扣装置/Clip device

---

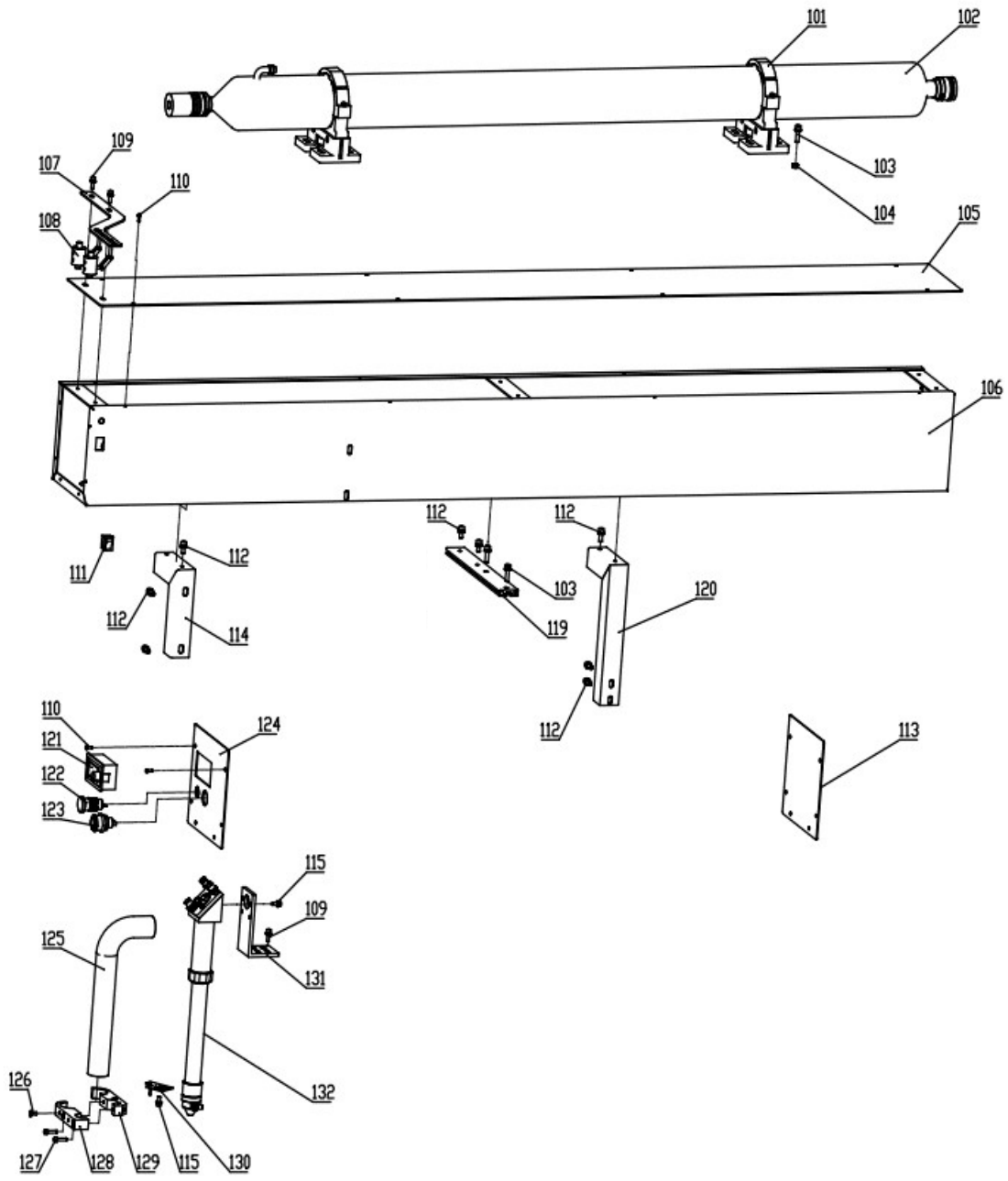


## 22.夹扣装置/Clip device

序号 NO	件号	零部件名称	NAME OF PARTS	数量	备注
1	14170033400	夹扣装置组件	Clip device assembly	1	

## 23-1. 激光切割装置/Laser cutting device

---

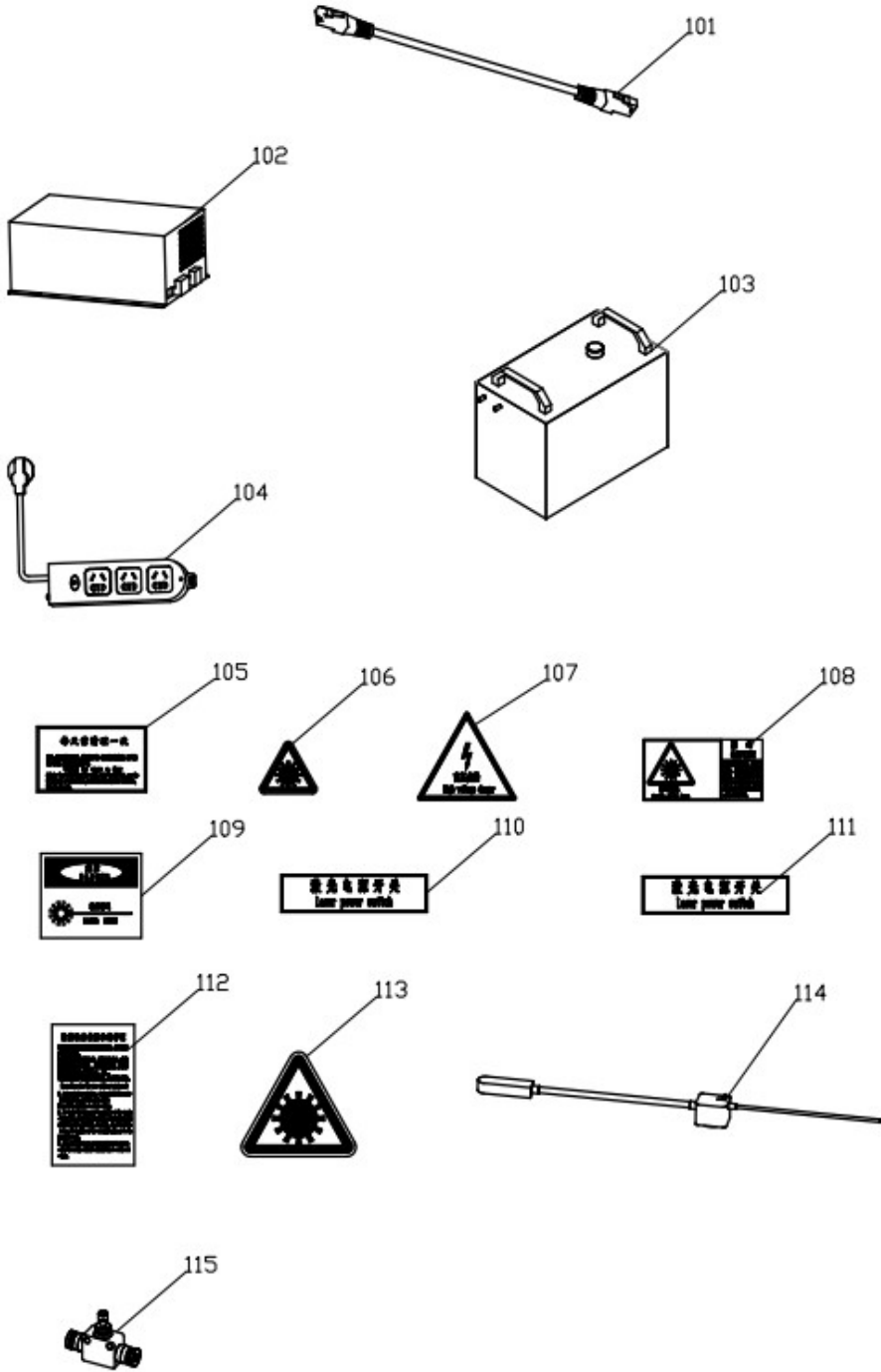


## 23-1. 激光切割装置/Laser cutting device

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
101	142011015	激光管支架80	Laser tube holder 80	2	
102	142030020	激光管A2S	Laser tube A2S	1	
103	421S13059	螺钉M5×20	Screw M5×20	10	
104	407N01001	自锁螺母M5	Self-locking nut M5	12	
105	930001006	腔体上盖(喷漆)	Cavity cover	1	141712347
106	930001124	激光腔体焊接组件(喷漆)	Laser cavity welding components	1	14171234400
107	930001127	定位灯安装架(喷漆)	Locating lamp mount	1	141702077
108	14173007600	镭射灯组件	Laser light assembly	2	
109	417S30301	十字槽小盘头螺钉M4×20	Screw M4×20	2	
110	417S30025	螺钉M4×10	Screw M4×10	8	
111	141730067	二档船型开关	Two-speed ship-type switch	1	
112	S05120	螺钉M5×8(滚花)	Screw M5×8 (knurled)	10	
113	930001008	腔体后盖(喷漆)	Cavity back cover (painted)	1	141712346
114	930001129	角铁支架组件B(喷漆)	Angle iron bracket assembly B	1	14174207600
119	141701135	激光腔体后支架	Laser cavity rear bracket	1	
120	930001128	角铁支架组件A(喷漆)	Angle iron bracket assembly A	1	14174207500
121	142030011	一体式电位器	Integrated potentiometer	1	
122	142130032	紧急停车开关	Emergency stop switch	1	
123	142030014	点动开关	Jog switch	1	
124	930001007	腔体前盖(喷漆)	Front cover of the cavity	1	141712345
125	141721006	φ32抽烟弯管	φ32 Smoking elbow	1	
126	417S30025	螺钉M4×10	Screw M4×10	5	
127	S05118	内六角圆柱头螺钉M4×16	Screw M4×16	2	
128	141701156	吸烟罩安装板-前	Smoking hood mounting plate - front	1	
129	141701155	吸烟罩安装板-后	Smoking hood mounting plate - rear	1	
130	141712349	吸烟罩连接板B	Smoking hood connection plate B	1	
131	141742064	反射镜架支撑板	Mirror holder support plate	1	
132	14173007000	出光装置组件	Light outlet device assembly	1	
		透明吸烟罩	Transparent smoking hood	1	

23-2. 激光切割装置/Laser cutting device

---

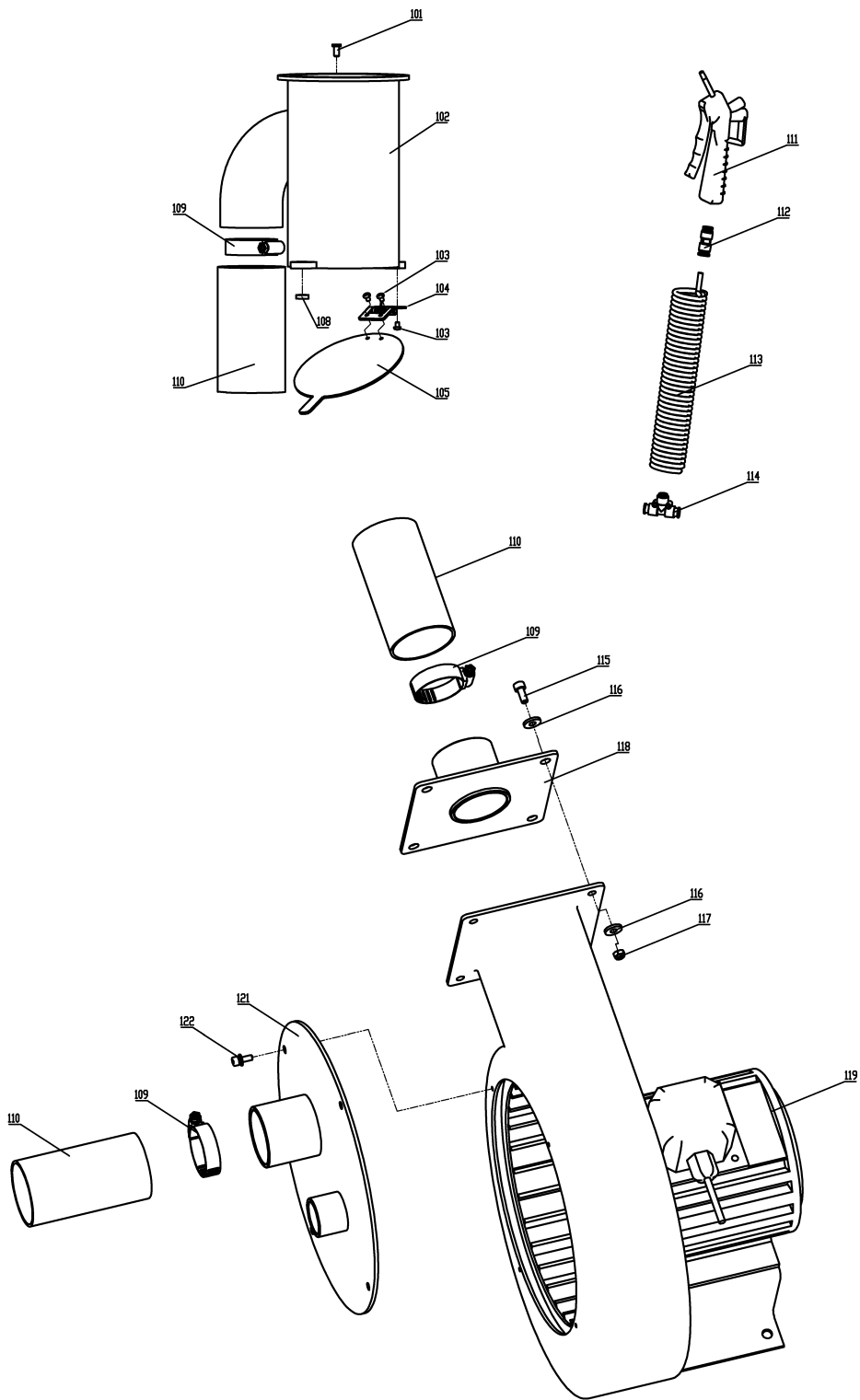


## 23-2. 激光切割装置/Laser cutting device

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
101	142030017	网线	Cable	1	
102	142030016	激光电源箱120W	Laser power box 120W	1	
103	41830703	3000型水箱	Type 3000 water tank	1	
104	141730065	公牛五孔插线板	Bull five-hole power strip	1	
105	141737005	标签-每天清理	Label - clean up daily	1	
106	141737006	标签-激光标识 (小)	Label-laser marking (small)	1	
107	141737007	标签-高压危险	Label - High pressure hazard	1	
108	141737008	标签-当心激光	Label - beware of lasers	1	
109	141737009	标签-激光射线	Label - laser ray	1	
110	141737010	标签-激光电源开关	Label-laser power switch	1	
111	141737011	标签-总电源开关	Label - Total power switch	1	
112	141737012	标签-使用注意事项	Labels - Precautions for use	1	
114	140730054	衣车灯	Clothes lights	1	
115	41736005	接头PA4	Connector PA4	1	
116	141730095	5V1A电源适配器	5V1A power adapter	1	

### 23-3. 激光切割装置/Laser cutting device

---



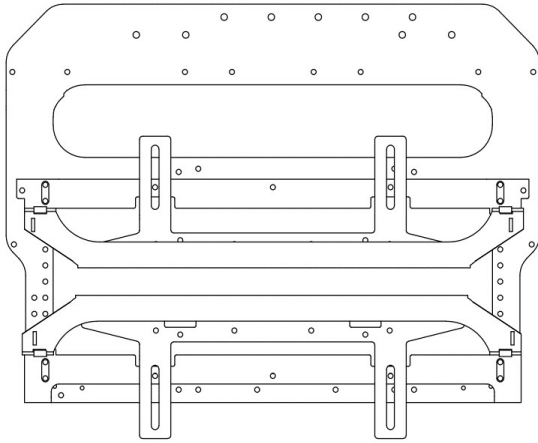
22-3、激光切割装置/Laser cutting device					
序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
101	417S15008	螺钉M4×8	Screws M4×8	4	
102	930001131	抽烟筒焊接组件(喷漆)	Smoke cartridge welding components	1	14171232500
103	421S13061	螺钉带垫M3X8	Screw with pad M3X8	4	
104	141727025	扭簧合页	Twisted spring hinge	1	
105	930001132	抽烟筒底盖(喷漆)	Smoker bottom cover	1	141712326
108	11401020	圆形磁铁	Round magnet	1	
109	141831039	抱箍40-63	Hoop 40-63	3	
110	141831038	钢丝软管Φ50	Wire hose Φ50	2m	
111	41845220	气枪AG-B	Airsoft AG-B	1	
112	40736022	气管接头APG6	Tracheal fitting APG6	1	
113	42211540	螺旋气管6X4	Helical trachea 6X4	1	
114	141736004	T形三通气管接头8-6-8	T-shaped three-way tubing fitting 8-6-8	1	
115	417S30306	螺钉M5×15	Screws M5×15	4	
116	41828611	平垫圈M5	Flat washer M5	4	
117	407N01001	自锁螺母	Self-locking nuts	4	
118	930000046	离心风机出风口组件(喷漆)	Centrifugal fan outlet assembly	1	4181256100
119	41830705	离心风机650W	Centrifugal fan 650W	1	
120	S05193	螺栓M8×16	Bolt M8×16	4	
121	930001028	离心风机进风口组件(喷漆)	Centrifugal fan inlet assembly	1	14171233100
122	417S30025	螺钉M4×10	Screw M4×10	4	
123	407N1004	自锁螺母	Self-locking nuts	4	
	11401020	磁铁	magnet	1	



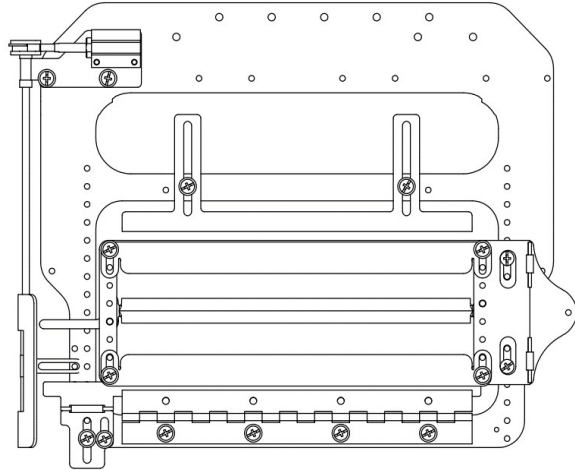
## 23-4. 激光切割装置/Laser cutting device

---

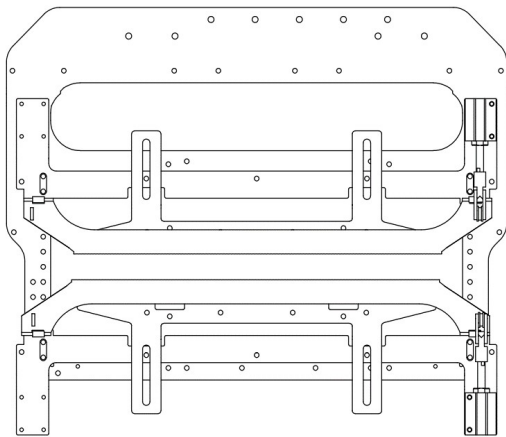
101



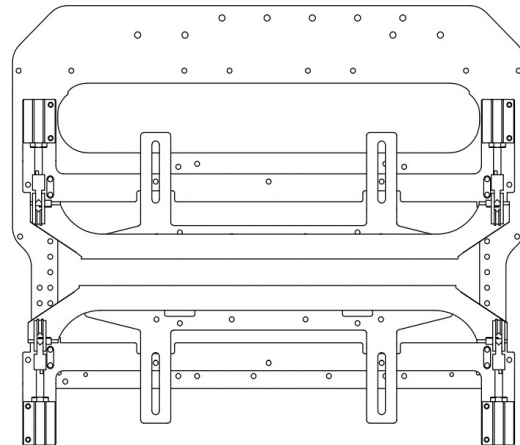
102



103



104



## 23-4. 激光切割装置/Laser cutting device

序号 No.	件号 Part. No.	零部件名称	NAME OF PARTS	数量 Amt.	备注
101	14173104000	手动开袋夹具250	Manual bag opening fixture 250	1	标配
102	14173103500	侧翻开袋夹具230	Side flip open bag clamp 230	1	选配
103	14173103700	开袋单侧气缸夹具250	Open bag single-sided cylinder clamp 250	1	选配
104	14173103600	开袋双侧气缸夹具280	Open bag double side cylinder clamp 280	1	选配

## 24.附表/ Schedule

电控成套代码	物料描述	主要电控分件代码	主要电控分件描述	售后服务发货注意事项
141700135	三菱款大豪电控6E-44X2-YJ2(SK) 普通款五代电动中压脚	141733065	三菱款大豪5代电动控制箱RACI-44X2-YJ2	根据客户型号牌由车间烧入程序后后再发货
		141733066	三菱款大豪5代通用显示屏(447程序)PI-6213B-B-1.5M	根据客户型号牌由车间烧入程序后后再发货
		141733067	三菱款大豪5代通用主轴伺服电机SM080-2530-F10-F-0.5	/
		141733068	三菱款大豪5代X电机ZDH-86CH114H-BX-TIKEX-0.75	/
		141733078	三菱款大豪5代Y电机ZDH-86CH114H-BY-TIKEX-0.75	
		141733070	三菱款大豪5代电动中压脚电机ZDH-60CH86H-KP-2.3	需车间接线后再发货
		141730062	大豪脚踏板(RASC447)	/
14173305100	经济款电控(大豪气动压脚) 普通款五代气动中压脚	41730851	JK-T3020TDQ-47-80传感器	根据机型接线后再发货
		141733064	三菱款大豪5代气动控制箱RACI-4422-YJ1	根据客户型号牌由车间烧入程序后后再发货
		141733066	三菱款大豪5代通用显示屏(447程序)PI-6213B-B-1.5M	根据客户型号牌由车间烧入程序后后再发货
		141733067	三菱款大豪5代通用主轴伺服电机SM080-2530-F10-F-0.5	/
		141733068	三菱款大豪5代X电机ZDH-86CH114H-BX-TIKEX-0.75	/
		141733078	三菱款大豪5代Y电机ZDH-86CH114H-BY-TIKEX-0.75	
		141730062	大豪脚踏板(RASC447)	/
141730105	三菱款大豪6代电动压脚6E447R-2HA/Z 普通款六代电动中压脚	41730851	JK-T3020TDQ-47-80传感器	根据机型接线后再发货
		141730129	旋梭款大豪6代电动控制箱6E-44X2-YJ2-447	根据客户型号牌由车间烧入程序后后再发货
		141730130	旋梭款大豪6代通用显示屏(447程序)PI-6213B-B-1.5M-6E442	根据客户型号牌由车间烧入程序后后再发货
		14173307600	旋梭款大豪6代气动激光主轴电机SM080-2530-F21-F-0.5	
		141733068	三菱款大豪5代X电机ZDH-86CH114H-BX-TIKEX-0.75	
		141733078	三菱款大豪5代Y电机ZDH-86CH114H-BY-TIKEX-0.75	
14173011600	经济款电控(6代大豪气动压脚) 普通款六代气动中压脚	141733081	旋梭款大豪6代电动中压脚电机ZDH-60CH86H-KP-TP-1.5	需车间接线后再发货
		141730131	旋梭款大豪6代气动控制箱6E-4422-YJ1	根据客户型号牌由车间烧入程序后后再发货
		141730130	旋梭款大豪6代通用显示屏(447程序)PI-6213B-B-1.5M-6E442	根据客户型号牌由车间烧入程序后后再发货
		14173307600	旋梭款大豪6代气动激光主轴电机SM080-2530-F21-F-0.5	
		141733068	三菱款大豪5代X电机ZDH-86CH114H-BX-TIKEX-0.75	
14173009600	3520MA激光开袋大豪6代气动电控 激光六代气动中压脚专用电控	141733078	三菱款大豪5代Y电机ZDH-86CH114H-BY-TIKEX-0.75	
		141730106	旋梭款大豪6代气动激光开袋控制箱6E-4422-YJ4-KD(SK)	根据客户型号牌由车间烧入程序后后再发货
		141730107	旋梭款大豪6代气动激光显示屏PI-6510-W-1.5M-6E442-KD(SK)	根据客户型号牌由车间烧入程序后后再发货
		14173307600	旋梭款大豪6代气动激光主轴电机SM080-2530-F21-F-0.5	/
		141733068	三菱款大豪5代X电机ZDH-86CH114H-BX-TIKEX-0.75	/
		141733078	三菱款大豪5代Y电机ZDH-86CH114H-BY-TIKEX-0.75	
141730114	大豪六代激光气动电控脚踏板	41730114	大豪六代激光气动电控脚踏板	/
		41730851	JK-T3020TDQ-47-80传感器	根据机型接线后再发货

