

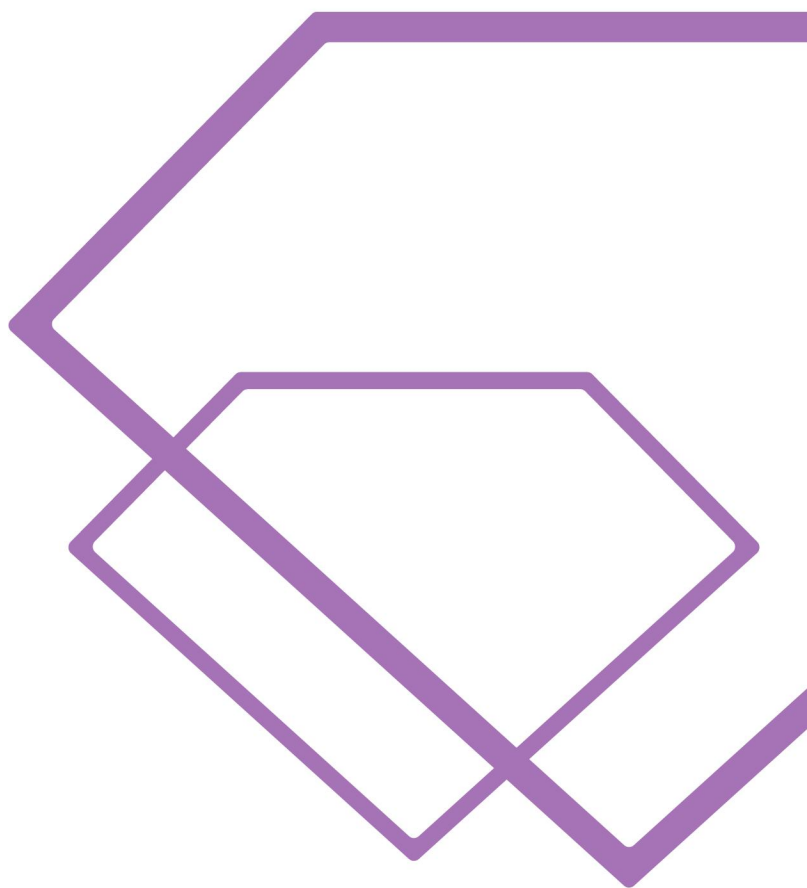
新一代智能缝纫机

THE NEW GENERATION OF INTELLIGENT SEWING MACHINE

HIKARI® 富山

零件手册

PARTS BOOK



HAT-K5A 系列
Series

自动接橡筋机

AUTO ELASTIC JOINING MACHINE

V1.00

Fault Codes for HAT-K5
Automatic Elastic
Joining Machine

Parts Book

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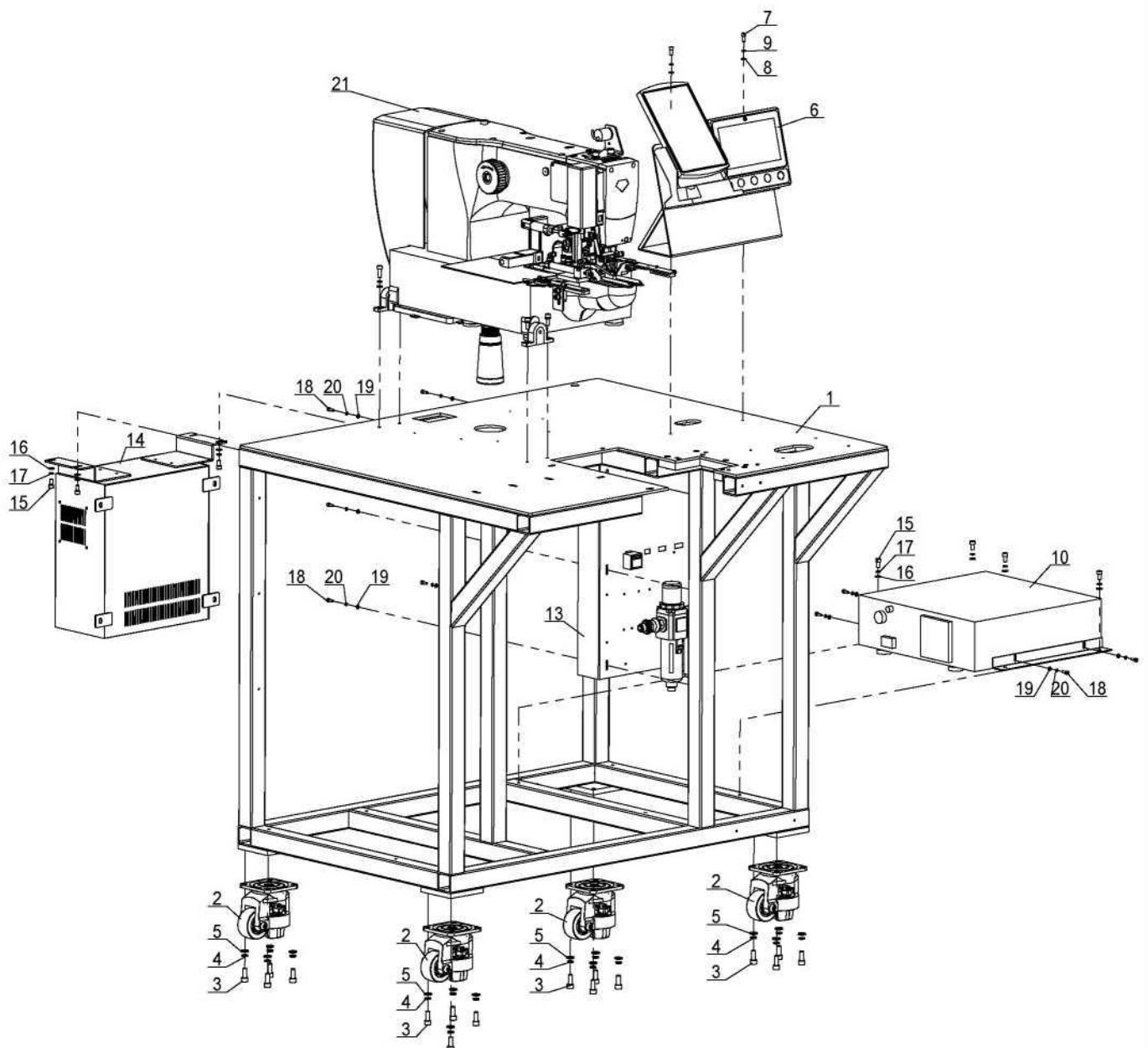
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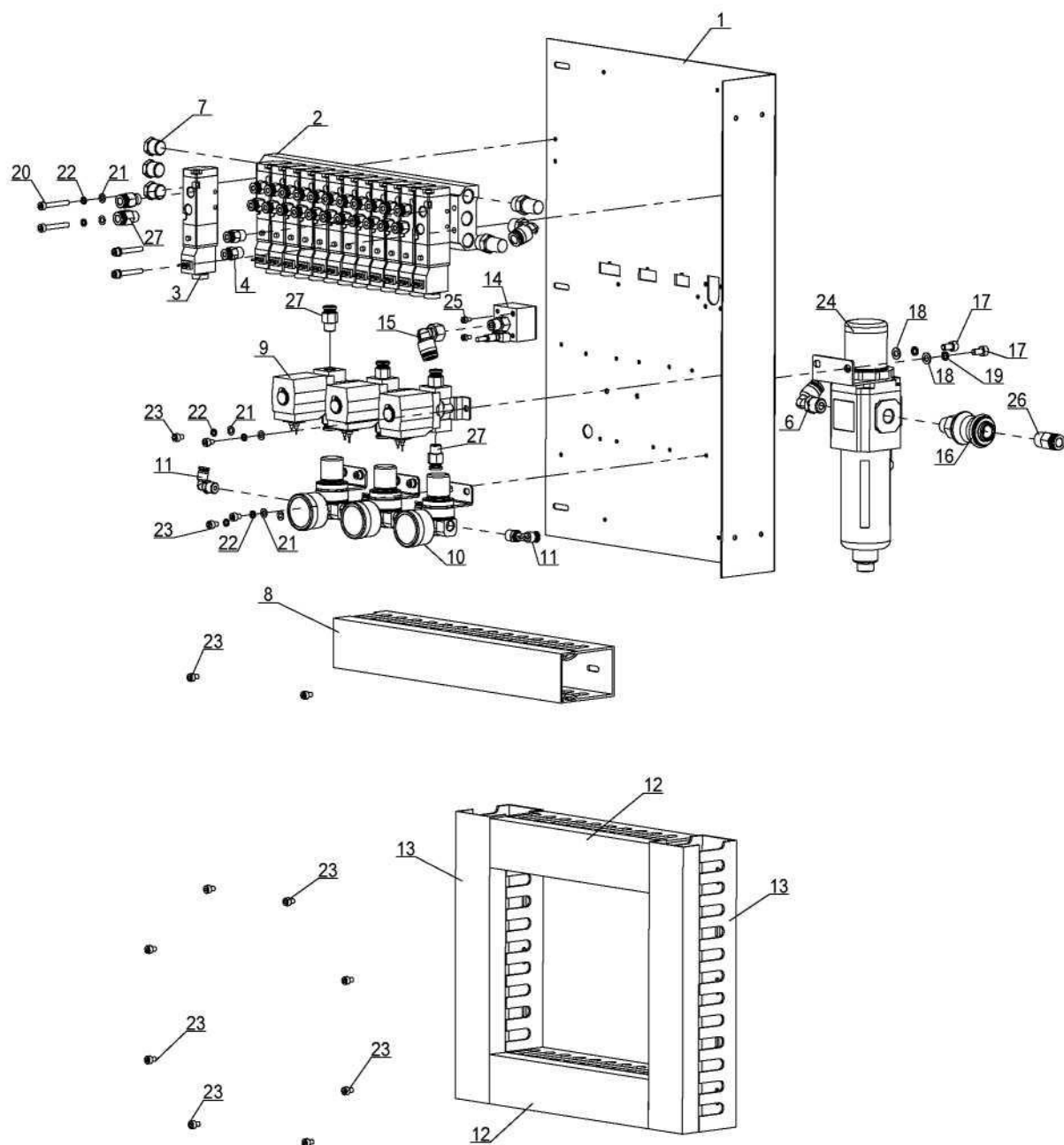
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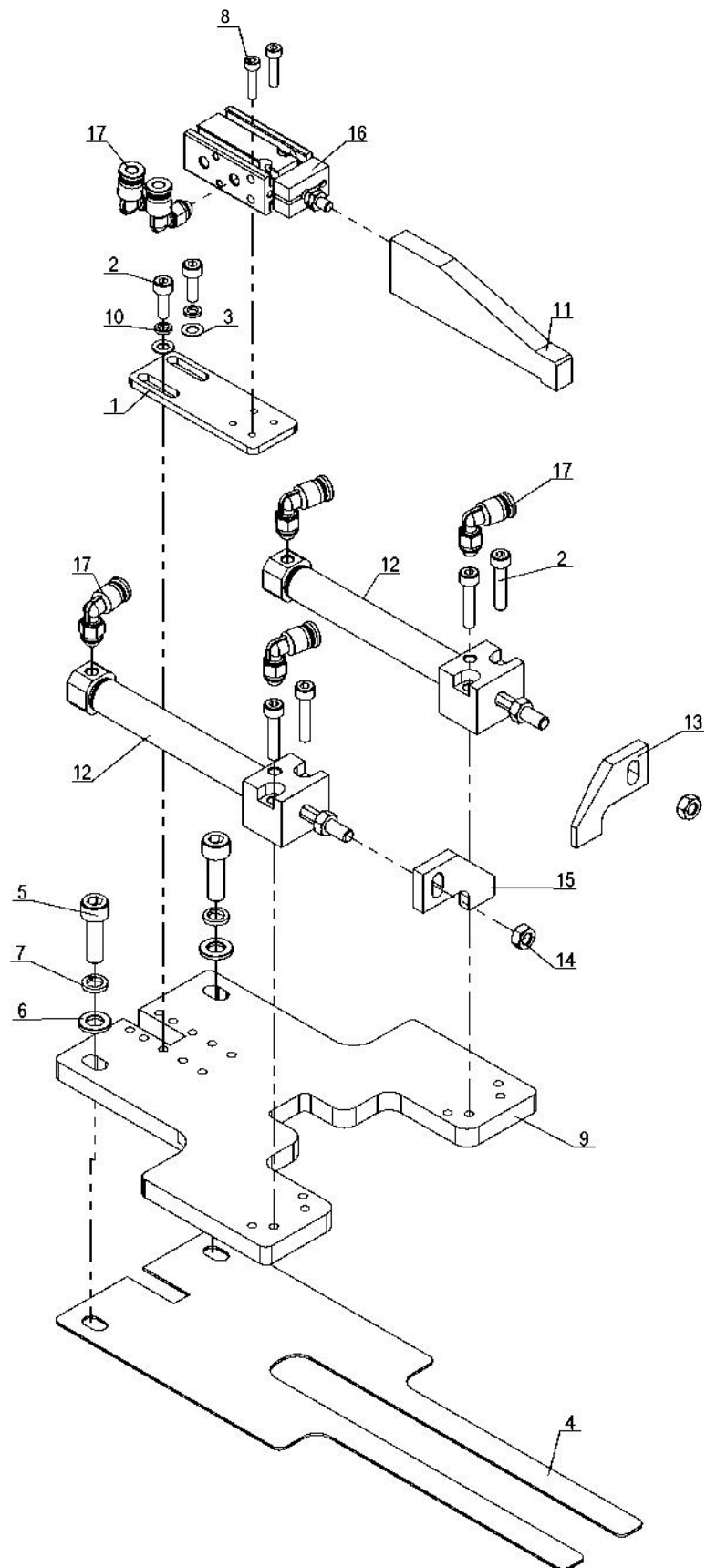


No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515.21-01-00B	机架组件	Frame component	1
2	L08-90900815-JC	福马轮 GD-80F	Footmaster caster GD-80F	4
3	01-508002024-3	内六角圆柱头螺钉 M8x20	Hexagon socket head cap screws	16
4	07-0812121-6	弹性垫圈 8.1x2.1x2.1	Elastic washer 8.1x2.1x2.1	16
5	05-081201553-5	平垫片 8.1x2.0x15.5	Flat gasket 8.1x2.0x15.5	16
6		显示器组件	Display component	1
7	01-505001224-3	内六角圆柱头螺钉 M5x12	Hexagon socket head cap screws	2
8	05-053101000-3	平垫圈 5.3x1x10	Flat washer 5.3x1x10	2
9	07-0521313-6	弹簧垫圈 5.2x1.3x1.3	Spring washer 5.2x1.3x1.3	2
10	30051349	【超声波发生器】UW20-1A	[Ultrasonic generator] UW20-1A	1
11	515.24-05	超声波前安装座	Ultrasonic front mount	1
12	515.24-06	超声波后安装座	Ultrasonic rear mount	1
13		电磁阀安装组件	Solenoid valve mounting component	1
14		二代主控机箱	Second-generation main control casing	1
15	01-506001824-3	内六角圆柱头螺钉 M6x18	Hexagon socket head cap screws	12
16	05-064161200-6	平垫片 6.4x1.6x12	Flat gasket 6.4x1.6x12	12
17	07-0631616-1	弹性垫圈 6.3x1.6x1.6	Elastic washer 6.3x1.6x1.6	8
18	01-504001224-3	内六角圆柱头螺钉 M4x12	Hexagon socket head cap screws	10
19	05-042030900-6	平垫圈 4.2x0.3x9	Flat washer 4.2x0.3x9	10
20	07-0421111-6	弹性垫圈 4.2x1.1x1.1	Elastic washer 4.2x1.1x1.1	10
21		1010 机头组件	1010 head component	1
22	07-0631616-6	弹性垫圈 6.3x1.6x1.6	Elastic washer 6.3x1.6x1.6	4



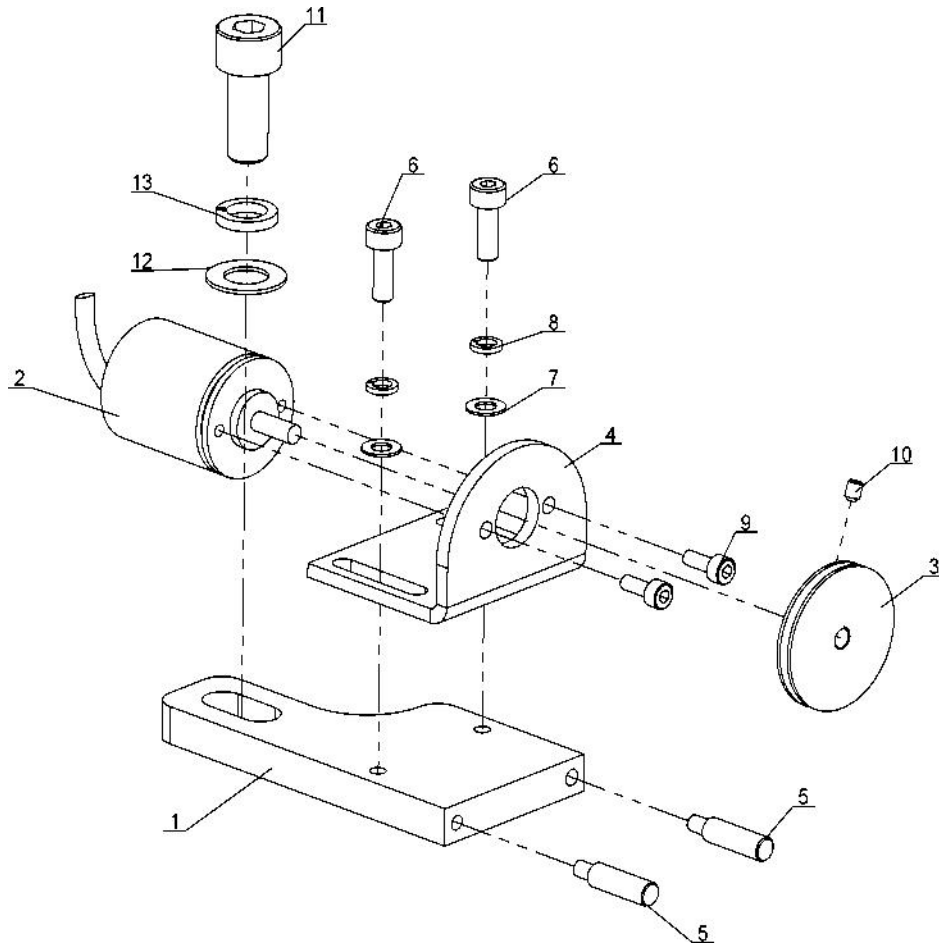
Electronic control mounting component

No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515.21-02B	电磁阀安装板	Solenoid valve mounting plate	1
2	100M13F	电磁阀底座	Solenoid valve base	1
3	5V11006B	电磁阀	Solenoid valve	13
4	PC401	管接头	Pipe joint	24
5	BSL02	亚德客消音器	AirTAC silencer	2
6	PL802	快换接头	Quick connector	2
7	BZ02	外六角堵头	Outer hexagon plug	3
8		过线槽 (0.3 米)	Through slot (0.3 meters)	1
9	2W03006BI	【先导式电磁阀】	[Pilot solenoid valve]	3
10	SDR100061	亚德客调压阀	AirTAC pressure regulating valve	3
11	PL401	L 型螺纹二通管接头	L threaded bi-pass joint	6
12		过线槽 (0.21 米)	Through slot (0.21 meters)	2
13		过线槽 (0.26 米)	Through slot (0.26 meters)	2
14	DPSN1-10020	数显压力开关	Digital pressure switch	1
15	PLF801	内螺纹弯头	Internal thread elbow	1
16	30049904	手滑阀 HSV08	Hand slide valve HSV08	1
17	01-505001024-3	内六角圆柱头螺钉 M5x10	Hexagon socket head cap screws	2
18	05-053101000-3	平垫圈 5.3x1x10	Flat washer 5.3x1x10	2
19	07-0521313-6	弹簧垫圈 5.2x1.3x1.3	Spring washer 5.2x1.3x1.3	2
20	01-504003024-3	内六角圆柱头螺钉 M4x30	Hexagon socket head cap screws	4
21	05-042030900-6	平垫圈 4.2x0.3x9	Flat washer 4.2x0.3x9	16
22	07-0421111-6	弹性垫圈 4.2x1.1x1.1	Elastic washer 4.2x1.1x1.1	16
23	01-504000624-3	内六角圆柱头螺钉 M4x6	Hexagon socket head cap screws	22
24	GFR30008AFI	调压过滤器亚德客	Pressure regulating filter AirTAC	1
25	01-503000624-3	内六角圆柱头螺钉 M3x6	Hexagon socket head cap screws	2
26	BPC802	管接头	Pipe joint	1
27	PC601	管接头	Pipe joint	8



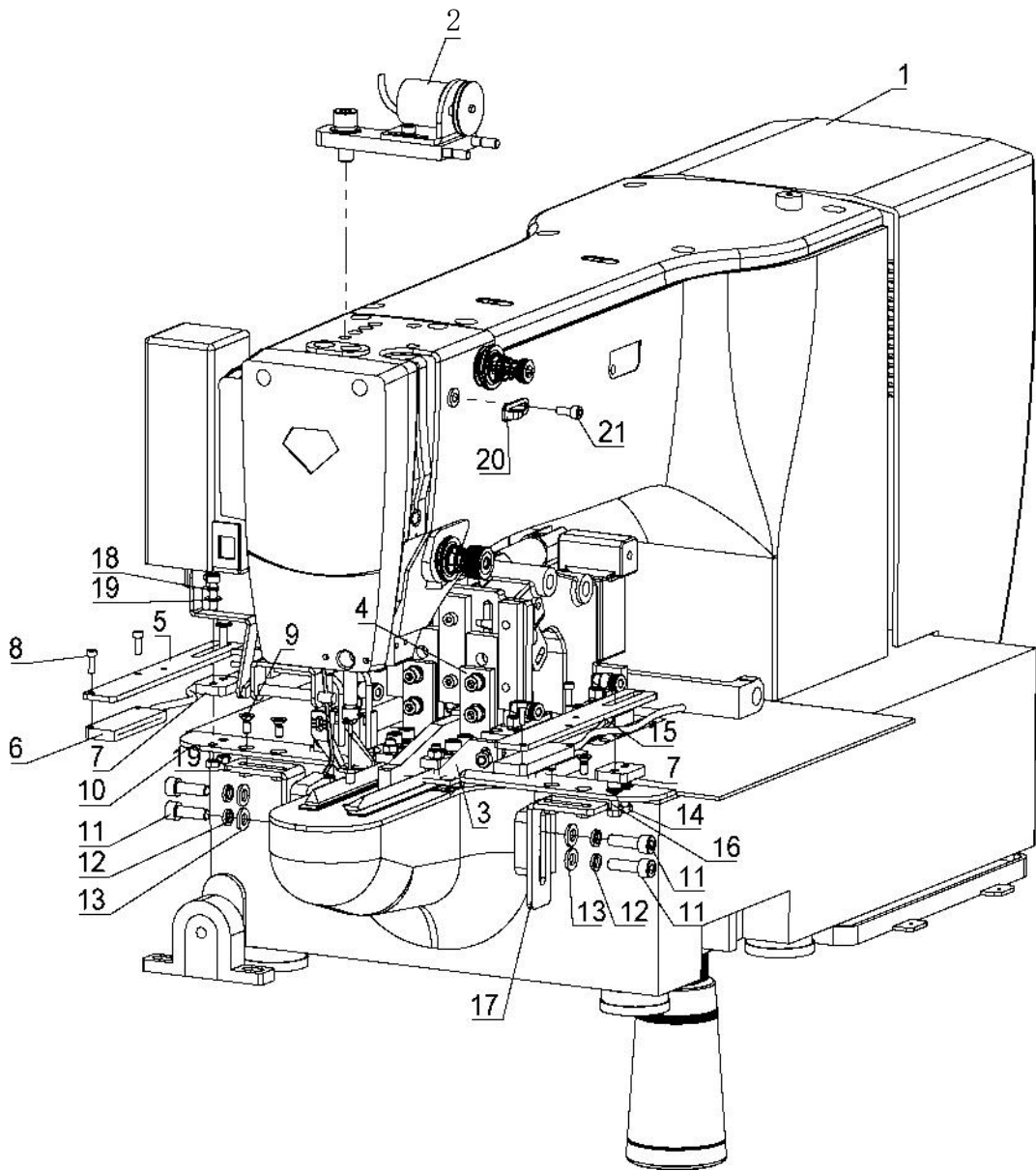
Sewing component

No.	Drawing No.	Name	NAME OF PARTS	Qty
1	515.10-38	气缸底板	Cylinder base plate	1
2	01-504002024-3	内六角圆柱头螺钉 M4x20	Hexagon socket head	6
3	05-042030900-6	平垫圈 4.2x0.3x9	Flat washer 4.2x0.3x9	2
4	515.20-14	框架下压板	Frame lower plate	1
5	01-506002024-3	内六角圆柱头螺钉 M6x20	Hexagon socket head	2
6	05-064161200-6	平垫片 6.4x1.6x12	Flat gasket 6.4x1.6x12	2
7	07-0631616-1	弹性垫圈 6.3x1.6x1.6	Elastic washer	2
8	01-503001424-3	内六角圆柱头螺钉 M3x14	Hexagon socket head	2
9	515.10-35	推料固定板	Pusher fixing plate	1
10	07-0421111-6	弹性垫圈 4.2x1.1x1.1	Elastic washer	2
11	515.10-11	顶块	Top block	1
12	PBRK12x60U-SJ3347C	气缸	Cylinder	2
13	515.20-01	右推料块	Right push block	1
14	03-605000500-4	六角螺母 M5	Hex nut M5	2
15	515.20-02	左推料块	Left push block	1
16	MK10x5	气缸	Cylinder	1
17	PL4M5	管接头	Pipe joint	6



No.	Drawing No.	Name	NAME OF PARTS	Qty
1	515. 20-17	底座	Base	1
2	30015930	编码器 E6A2CW5C	Encoder E6A2CW5C	1
3	515. 20-15	过线轮	Thread crossing pulley	1
4	515. 20-16	过线架	Thread crossing rack	1
5	515. 20-18	导线柱	Thread guide post	2
6	01-504001224-3	内六角圆柱头螺钉 M4x12	Hexagon socket head cap screws	2
7	05-042030900-6	平垫圈 4. 2x0. 3x9	Flat washer 4.2x0.3x9	2
8	07-0421111-6	弹性垫圈 4. 2x1. 1x1. 1	Elastic washer 4.2x1.1x1.1	2
9	01-503000824-3	内六角圆柱头螺钉 M3x8	Hexagon socket head cap screws	2
10	01-803000414-1	内六角凹端紧定螺钉 M3x4	Hexagon socket cap head set screw	1
11	01-508002024-3	内六角圆柱头螺钉 M8x20	Hexagon socket head cap screws	1
12	05-084161600-3	平垫片 8. 5x1x14	Flat gasket 8.5x1x14	1
13	07-0812121-6	弹性垫圈 8. 1x2. 1x2. 1	Elastic washer 8.1x2.1x2.1	1

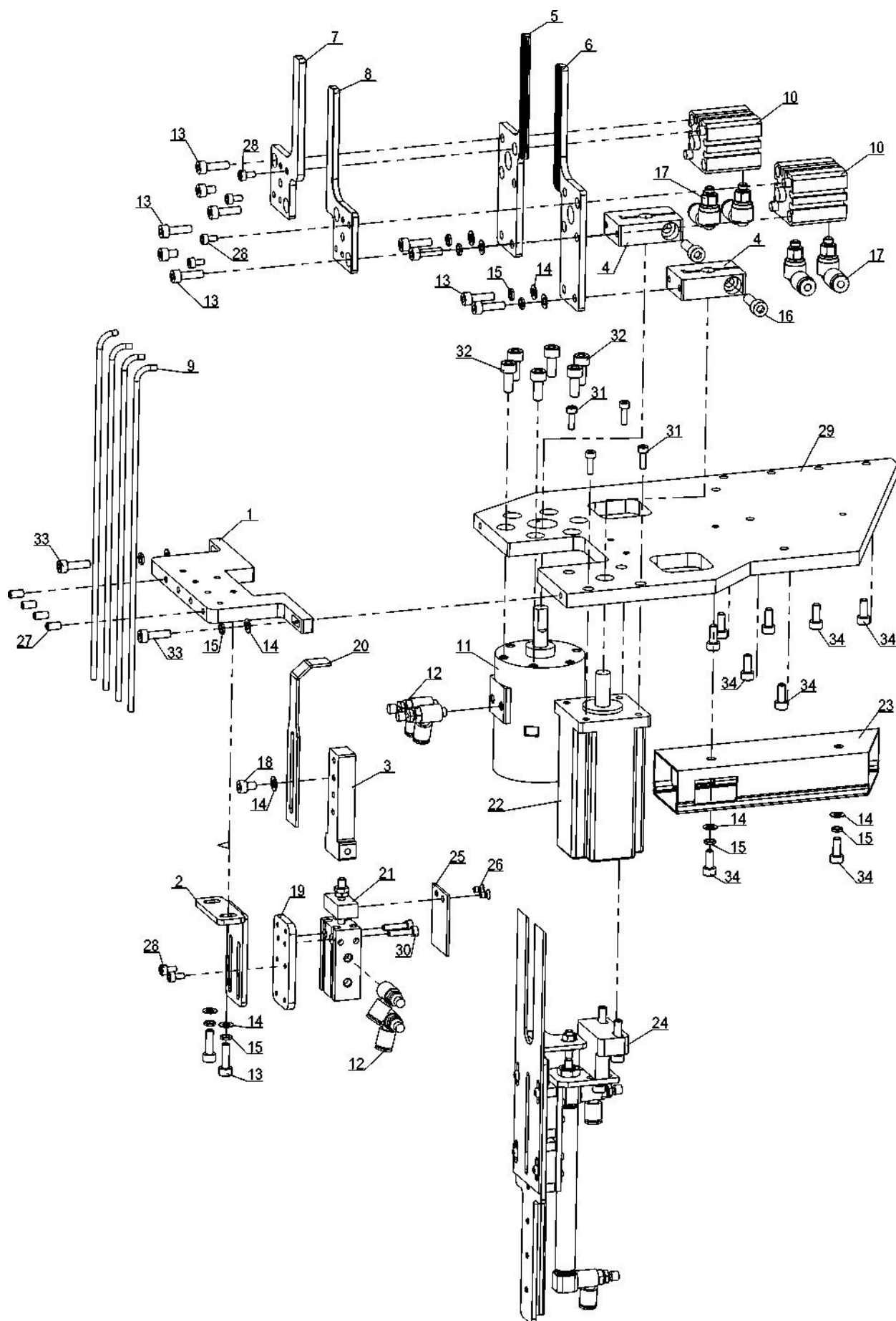
1010 Machine Head assembly



1010 machine head assembly

No.	Drawing No.	Name	NAME OF PARTS	Qty
1	20002550	1010 机头	1010 head	1
2		底线检测装置	Bottom line detection device	1
3		缝制压板结构	Sewing platen structure	1
4		抬压脚机构	Presser foot lifter	1
5	515.20-11	垫板 2	Pad 2	1
6	30051156	对射传感器	Through-beam photo electric sensor	1
7	515.20-07	垫块 1	Spacer 1	2
8	01-503001024-3	内六角圆柱头螺钉 M3x10	Hexagon socket head cap screws	4
9	01-104001022-4	十字槽沉头螺钉 M4x10	Cross recessed countersunk head	4
10	515.20-13	挡片	Baffle	1
11	01-506001824-3	内六角圆柱头螺钉 M6x18	Hexagon socket head cap screws	4
12	07-0631616-6	弹簧垫圈 6.3x1.6x1.6	Spring washer 6.3x1.6x1.6	4
13	05-064161200-6	平垫片 6.4x1.6x12	Flat gasket 6.4x1.6x12	4
14	03-604000300-6	六角螺母 M4x3	Hex nut M4x3	4
15	515.20-08	垫板 1	Pad 1	1
16	01-504001624-3	内六角槽圆柱头螺钉 M4x16	Hexagon socket slotted cheese-head	4
17	515.20-06	连接板 2	Connecting plate 2	1
18	07-0421111-6	弹簧垫圈 4.2x1.1x1.1	Spring washer 4.2x1.1x1.1	4
19	05-043080900-6	【平垫片】4.3x0.8x9	Flat gasket 4.3x0.8x9	4
20	101.01-25	右线钩	Right thread hook	1
21	01-504001024-3	内六角槽圆柱头螺钉 M4x10	Hexagon socket slotted cheese-head	1

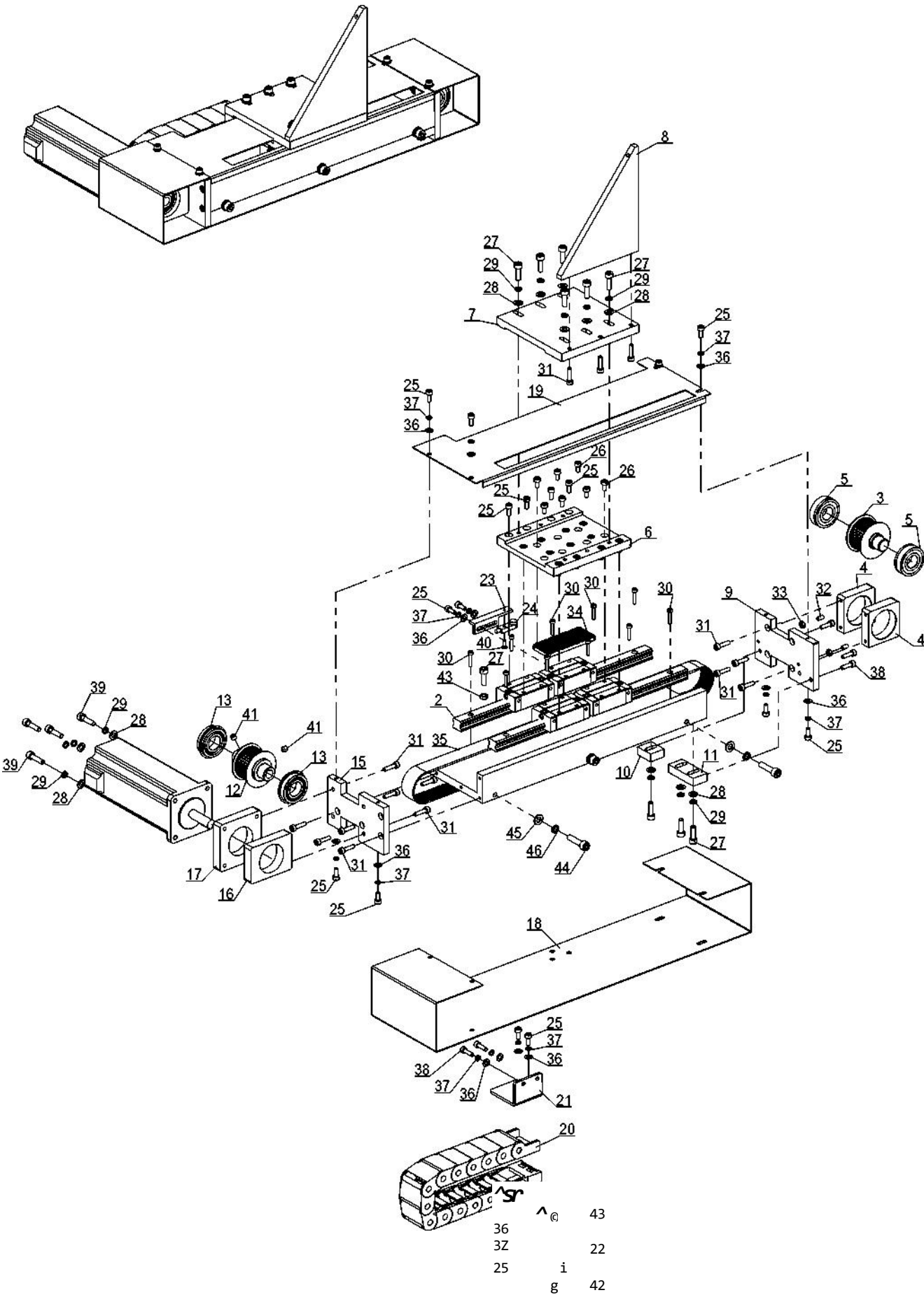
Material clamping device



Material clamping mechanism

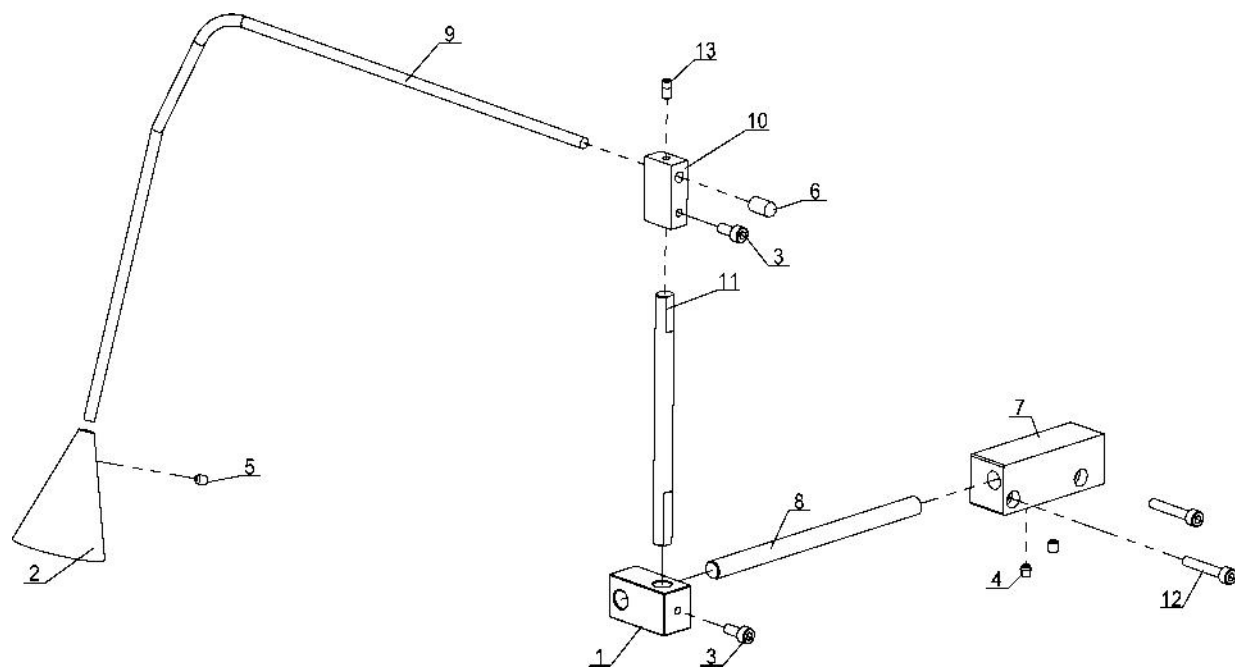
No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515.22-14	上支座	Upper support	1
2	515.12-22	L型支座	L-shaped support	1
3	515.12-23	平布连接件	Plain cloth connector	1
4	515.12-28	电机轴块	Motor shaft block	2
5	515.12-57	左定夹(60mm)	Left fixing clamp (60mm)	1
6	515.12-58	右定夹(60mm)	Right fixing clamp (60mm)	1
7	515.12-59	左动夹(60mm)	Left movable clamp (60mm)	1
8	515.12-60	右动夹(60mm)	Right movable clamp (60mm)	1
9	515.22-50	吹气管	Blast air pipe	4
10	30051639	TAC016x15-SJ-3357A 气缸	TAC016x15-SJ-3357A Cylinder	2
11	30044113	气缸 CRB2BWU30-180SZ	Cylinder CRB2BWU30-180SZ	1
12	30038908	PSL4M5A 【调速阀】	PSL4M5A [speed control valve]	4
13	01-504001424-3	内六角圆柱头螺钉 M4x14	Hexagon socket head cap screws	10
14	05-042030900-6	平垫圈 4.2x0.3x9	Flat washer 4.2x0.3x9	11
15	07-04211111-6	弹性垫圈 4.2x1.1x1.1	Elastic washer 4.2x1.1x1.1	10
16	01-505001624-3	内六角圆柱头螺钉 M5x16	Hexagon socket head cap screws	2
17	PL4M5	管接头	Pipe joint	4
18	01-504000624-6	内六角圆柱头螺钉 M4x6	Hexagon socket head cap screws	3
19	515.12-18	转接支座板	Transition support plate	1
20	515.22-09	平带片	Plain plate	1
21	30050801	气缸 MK10x5	Cylinder MK10x5	1
22	17SSM6423	步进电机	Stepper motor	1
23	515.25-48	线路槽	Thread slot	1
24		撑板连接机构	Bracing plate connecting mechanism	1
25	515.22-30	气缸固定板	Cylinder fixing plate	1
26	01-103000521-1	十字槽沉头螺钉 M3x5	Cross recessed countersunk head	2
27	01-804000814-1	内六角凹端紧定螺钉 M4x8	Hexagon socket cap head set screw	4
28	01-503000624-3	内六角圆柱头螺钉 M3x6	Hexagon socket head cap screws	6
29	515.22-24	黑色橡胶套 (Q5.5)	Black rubber sleeve (Q5.5)	1
30	01-503001424-3	内六角圆柱头螺钉 M3x14	Hexagon socket head cap screws	2
31	01-503001024-3	内六角圆柱头螺钉 M3x10	Hexagon socket head cap screws	4
32	01-505001224-3	内六角圆柱头螺钉 M5x12	Hexagon socket head cap screws	6
33	01-504001424-3	内六角圆柱头螺钉 M4x14	Hexagon socket head cap screws	2
34	01-504001024-3	内六角圆柱头螺钉 M4x10	Hexagon socket head cap screws	9

Pushing mechanism

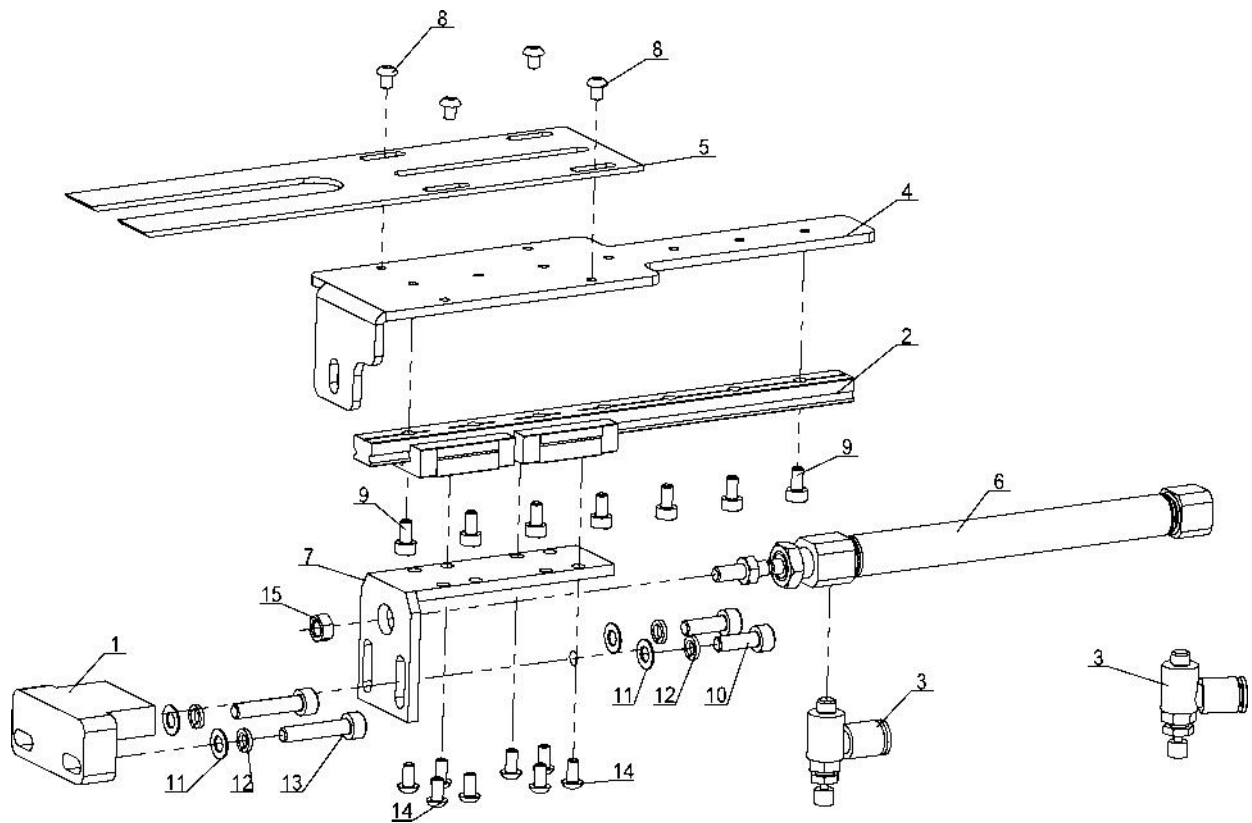


Pushing mechanism

No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515.22-33	导轨安装板	Guide rail mounting plate	1
2	515.22-62-00	送料导轨组件 EGH15CA	Feed rail component EGH15CA	2
3	515.12-08	从动轮 (P40-HTD-3M)	Driven pulley (P40-HTD-3M)	1
4	515.22-39	后轴承座	Rear bearing chock	2
5	14-6202-2Z/1	轴承	Bearing	2
6	515.22-40	滑板	Sliding plate	1
7	515.22-44	调节块	Adjusting block	1
8	515.22-08	加强筋 1	Reinforcing rib 1	1
9	515.22-34	导轨左侧板	Left plate of guide rail	1
10	515.22-36	顶座	Top seat	1
11	515.22-37	顶座 2	Top seat 2	1
12	515.12-07	主动轮 (P40-HTD-3M)	Driving pulley (P40-HTD-3M)	1
13	14-6003-2RZNR	轴承	Bearing	2
14	30047154	步进电机 (60BYG-127 4 10J3)	Stepper motor (60BYG-127 4 10J3)	1
15	515.22-49	导轨右侧板	Right plate of guide rail	1
16	515.22-42	前轴承座	Front bearing chock	1
17	515.22-35	电机座	Motor base	1
18	515.22-38B	后罩壳	Rear cover	1
19	515.22-43B	上盖板	Upper cover	1
20	30044472	【拖链】J15BF.1.30N	【Drag chain】J15BF.1.30N	1
21	515.22-22	拖链座 1	Drag chain seat 1	1
22	515.22-23	拖链座 2	Drag chain holder 2	1
23	515.22-47	感应器支架	Sensor bracket	1
24	30028701	【接近传感器】GX-F8A(松下)	【Proximity sensor】GX-F8A	1
25	01-504001024-3	内六角圆柱头螺钉 M4x10	Hexagon socket head cap screws	22
26	01-504000824-3	内六角圆柱头螺钉 M4x8	Hexagon socket head cap screws	14
27	01-505001624-3	内六角圆柱头螺钉 M5x16	Hexagon socket head cap screws	10
28	05-053101000-3	平垫圈 5.3x1x10	Flat washer 5.3x1x10	13
29	07-0521313-6	弹簧垫圈 5.2x1.3x1.3	Spring washer 5.2x1.3x1.3	13
30	01-503001624-3	内六角圆柱头螺钉 M3x16	Hexagon socket head cap screws	10
31	01-504001624-3	内六角圆柱头螺钉 M4x16	Hexagon socket head cap screws	15
32	01-804000814-1	内六角凹端紧定螺钉 M4x8	Hexagon socket cap head set screw	2
33	03-604000300-6	六角螺母 M4x3.2	Hex nut M4x3.2	2
34	515.22-48	同步带下压板	Timing belt lower plate	1
35	515.12-09	送料同步带 (HTD-3M)	Feeding timing belt (HTD-3M)	1
36	05-043080900-3	平垫片 4.3x0.8x9	Flat gasket 4.3x0.8x9	16
37	07-0421111-6	弹簧垫 4.2x1.1x1.1	Spring washer 4.2x1.1x1.1	16
38	01-504001424-3	内六角圆柱头螺钉 M4x14	Hexagon socket head cap screws	5
39	01-505002024-3	内六角圆柱头螺钉 M5x20	Hexagon socket head cap screws	4
40	01-303000822-3	十字槽半圆头螺钉 M3x8	Cross recessed button head screw	1
41	01-806000614-1	内六角凹端螺钉 M6x6	Hexagon socket cap head screw M6x6	2
42	01-505001024-3	内六角圆柱头螺钉 M5x10	Hexagon socket head cap screws	3
43	03-605000400-1	六角螺母 M5x4	Hex nut M5x4	4
44	01-506002524-3	内六角圆柱头螺钉 M6x25	Hexagon socket head cap screws	3
45	05-065101300-3	平垫圈 6.5x1.0x1.3	Flat washer 6.5x1.0x1.3	3
46	07-0631616-6	弹性垫圈 6.3x1.6x1.6	Elastic washer 6.3x1.6x1.6	3

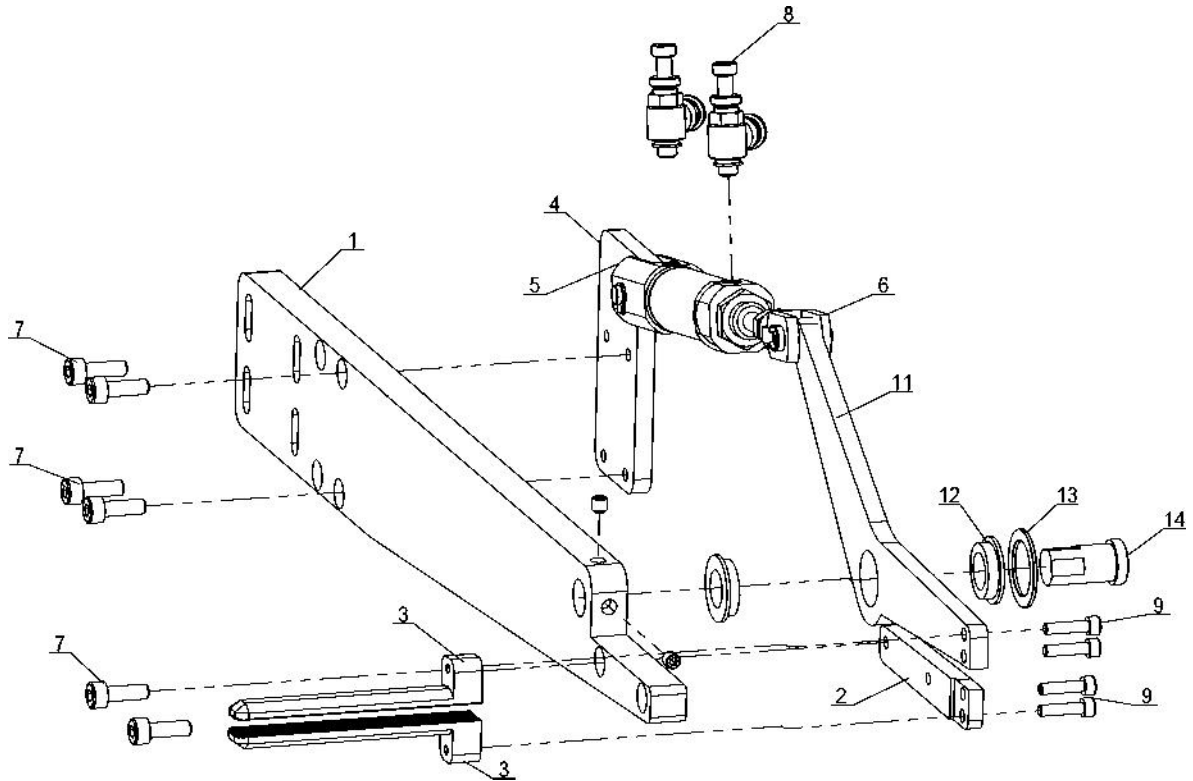


No.	Drawing No.	Name	NAME OF PARTS	Qty
1	515.12-35	收料杆下座	Receiving rod lower seat	1
2	515.22-16	收料过度锥体	Overfeed cone	1
3	01-505001224-3	内六角圆柱头螺钉 M5x12	Hexagon socket head cap screws	2
4	01-805000614-1	内六角凹端紧定螺钉 M5x6	Hexagon socket cap head set screw	2
5	01-805000614-1	内六角凹端紧定螺钉 M5x6	Hexagon socket cap head set screw	1
6	515.22-24	黑色橡胶套 (Q5.5)	Black rubber sleeve (Q5.5)	1
7	515.22-61	收料杆固定座	Receiving rod fixing seat	1
8	515.22-19	收料转接杆	Receiving transfer rod	1
9	515.22-17	送带收料光轴	Feeding and receiving optical axis	1
10	515.22-20	收料杆上固定座	Receiving rod upper fixing seat	1
11	515.22-18	收料固定杆	Receiving rod	1
12	01-505003024-3	内六角圆柱头螺钉 M5x30	Hexagon socket head cap screws	2
13	01-805001014-6	内六角凹端紧定螺钉 M5M0	Hexagon socket cap head set screw	1

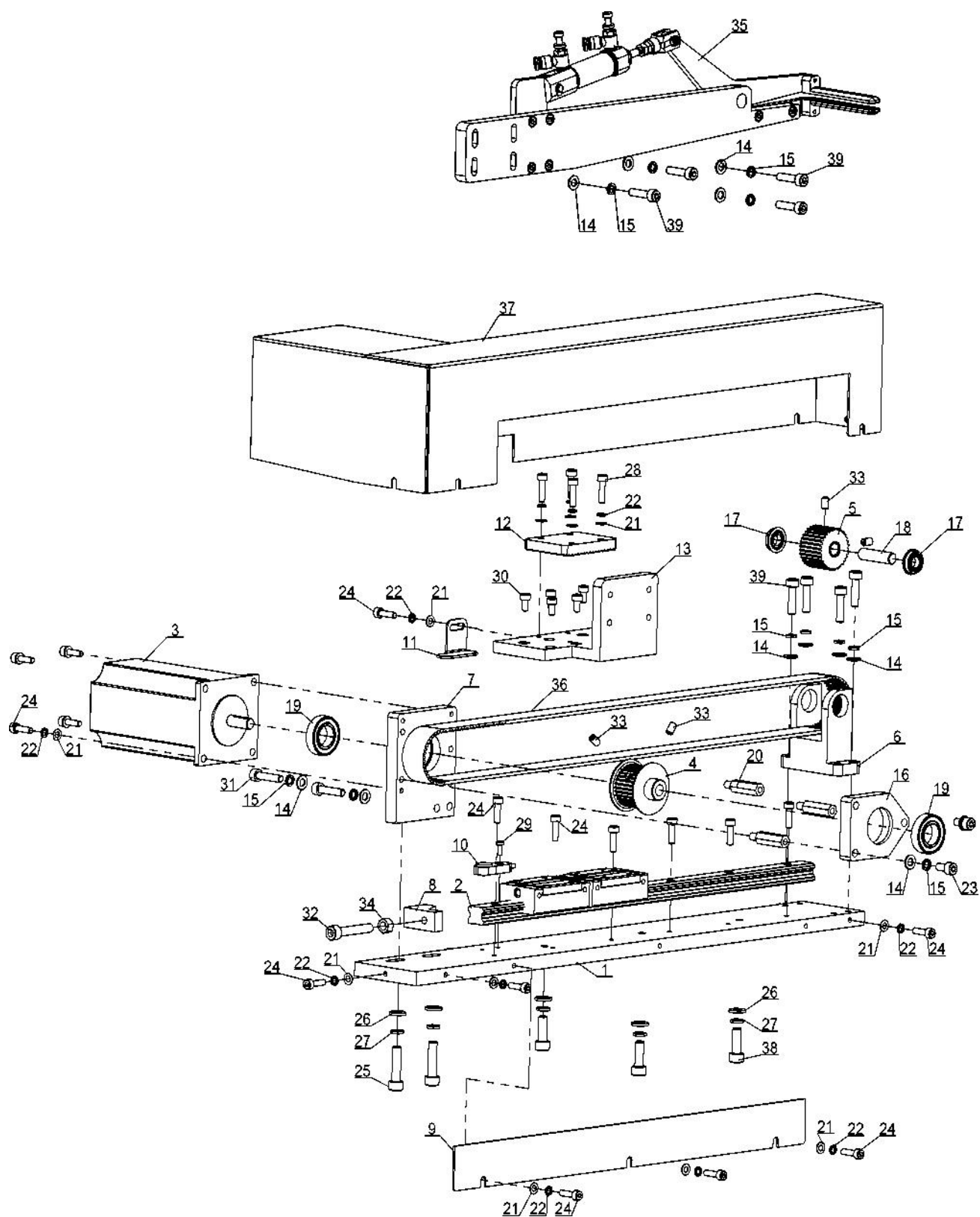


No.	Drawing No.	Name	NAME OF PARTS	Qty
1	515.22-27	滑块支座下	Lower slide support	1
2	515.22-32-00	送料导轨组件	Feed rail component	1
3	30038908	PSL4M5A【调速阀】	PSL4M5A [speed control valve]	2
4	515.22-28	夹料固定板	Fixing plate for material clamp	1
5	515.22-29	撑板	Bracing plate	1
6	PB10x75U	气缸	Cylinder	1
7	515.22-31	气缸座	Cylinder pedestal	1
8	01-303000424-1	内六角平圆头螺钉 M3x4	Hexagon socket flat head cap screws	4
9	01-503000624-3	内六角圆柱头螺钉 M3x6	Hexagon socket head cap screws	7
10	01-504001224-3	内六角圆柱头螺钉 M4x12	Hexagon socket head cap screws	2
11	05-042030900-6	平垫圈 4.2x0.3x9	Flat washer 4.2x0.3x9	4
12	07-0421111-6	弹性垫圈 4.2x1.1x1.1	Elastic washer 4.2x1.1x1.1	4
13	01-504002024-3	内六角圆柱头螺钉 M4x20	Hexagon socket head cap screws	2
14	01-303000624-6	内六角半圆头螺钉 M3x6	Hexagon socket button head screw	8
15	03-604000503-4	六角螺母(防松) M4x5	Hex nut (lock nut) M4x5	1

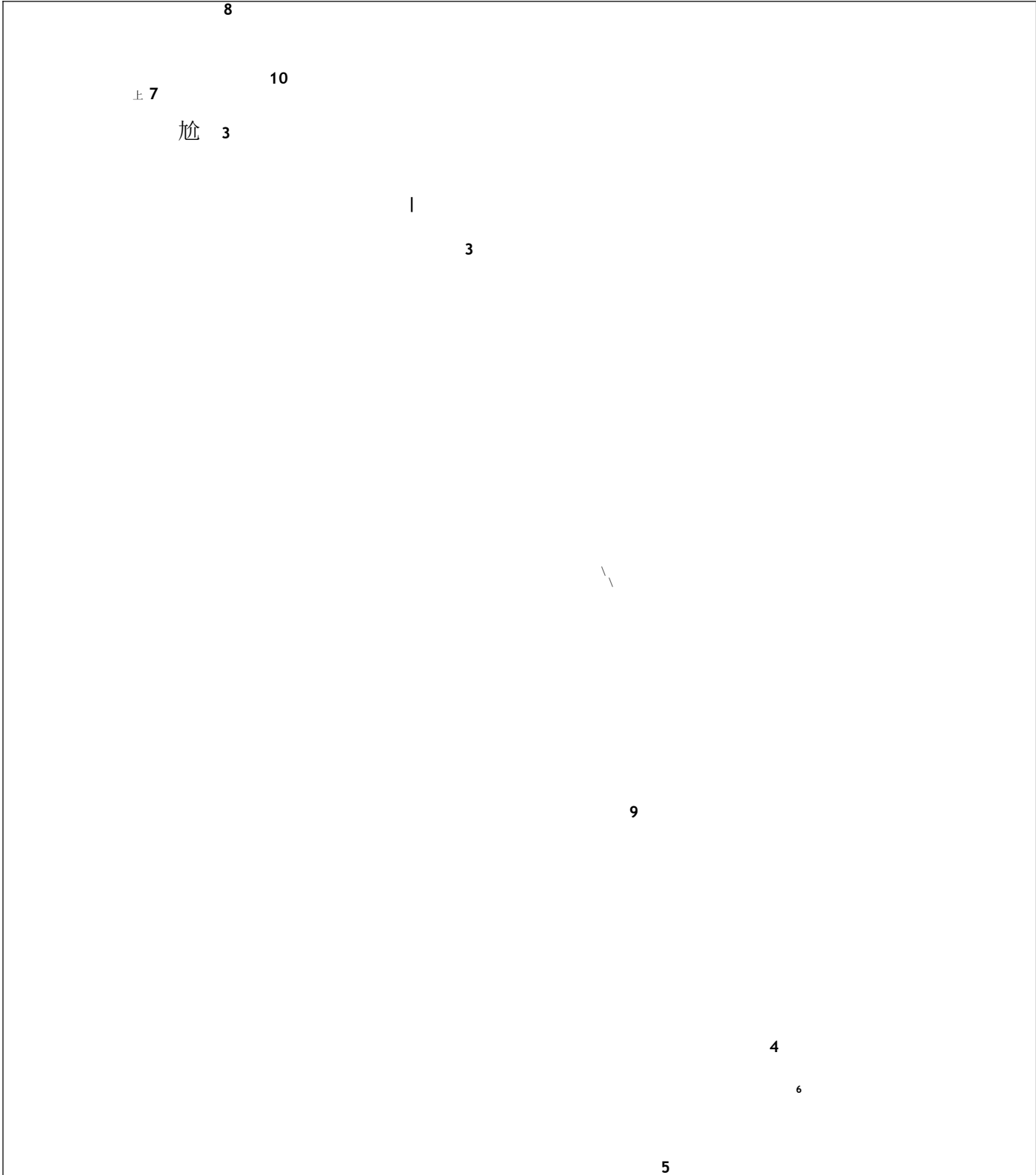
Pull clamp component



No.	Drawing No.	Name	NAME OF PARTS	Qty
1	515. 23-10	定夹连接板	Connecting plate for fixation clamp	1
2	515. 23-28	下定夹	Bottom fixation clamp	1
3	515. 13-26	上夹片 (60mm)	Upper clamp piece (60mm)	2
4	515. 13-08	拉料气缸座	Pull cylinder pedestal	1
5	PB16x15CB	气缸	Cylinder	1
6	F-PB12Y	接头	Joint	1
7	01-504001224-3	内六角圆柱头螺钉 M4x12	Hexagon socket head cap screws	6
8	PSL4M5A	调速阀	Speed control valve	2
9	01-503001224-3	内六角圆柱头螺钉 M3x12	Hexagon socket head cap screws	4
10	01-804000414-1	内六角槽无帽凹端螺钉 M4x4	Hexagon socket head screw without	2
11	515. 23-11	上动夹	Upper moving clamp	1
12	F6700ZZ	轴承	Bearing	2
13	515. 23-28	不锈钢碟形垫圈 (1501)	Stainless steel disc washer (1501)	1
14	515. 23-21	轴位螺钉	Axial screw	1

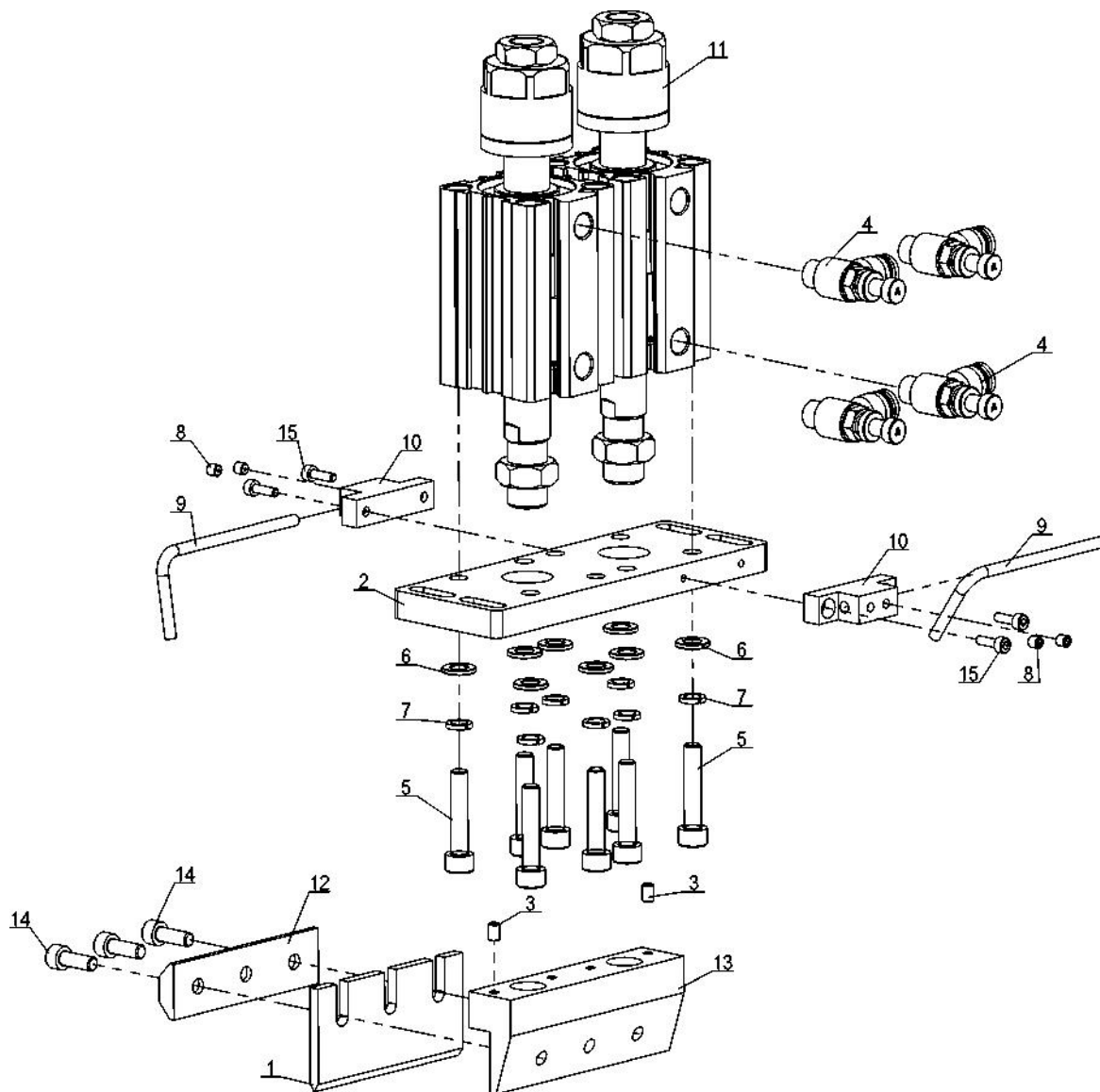


Pulling guide rail component				
No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515.23-20	拉料导轨顶板	Top plate for pull rail	1
2	515.13-21-00	拉料导轨组件	Guide rail component for material pull	1
3	30045579	60 闭环步进电机	60 closed-loop stepper motor	1
4	515.23-26	主动拉料带轮	Active pull pulley	1
5	515.23-23	从动拉料带轮	Driven pulley pulley	1
6	515.23-22	拉料导轨连接座	Connecting base	1
7	515.13-18	电机锁紧块	Motor locking block	1
8	515.13-16	拉料电机连接块	Pull motor connection block	1
9	515.13-06B	拉料侧围板	Pull side plate	1
10	30054271	【接近传感器】TEN12-04NO	[Proximity sensor] TEN12-04NO	1
11	515.13-15	拉料感应片	Sensor chip	1
12	515.23-25	拉带同步带压板	Pull synchronous belt press plate	1
13	515.23-24	导轨座	Guide rail seat	1
14	05-053101000-3	平垫圈 5.3x1x10	Flat washer 5.3x1x10	13
15	07-0521313-6	弹簧垫圈 5.2x1.3x1.3	Spring washer 5.2x1.3x1.3	13
16	515.13-17	电机轴承连接块	Motor bearing connection block	1
17	14-F688-2Z	轴承	Bearing	2
18	515.13-12	拉料从动轴	Pulling driven shaft	1
19	14-6902-2Z	深沟球轴承 6902-2Z	Deep groove ball bearing 6902-2Z	2
20	515.23-27	拉带电机支柱	Pulling motor support	3
21	05-042030900-6	平垫圈 4.2x0.3x9	Flat washer 4.2x0.3x9	17
22	07-0421111-6	弹性垫圈	Elastic washer	17
23	01-505001024-3	内六角圆柱头螺钉 M5x10	Hexagon socket head cap screws	3
24	01-504001424-3	内六角圆柱头螺钉 M4x14	Hexagon socket head cap screws	19
25	01-506002524-3	内六角圆柱头螺钉 M6x25	Hexagon socket head cap screws	2
26	05-065101300-3	平垫圈 6.5x1.0x1.3	Flat washer 6.5x1.0x1.3	5
27	07-0631616-6	弹性垫圈 6.3x1.6x1.6	Elastic washer 6.3x1.6x1.6	5
28	01-504001624-3	内六角圆柱头螺钉 M4x16	Hexagon socket head cap screws	4
29	01-403000822-6	十字槽半圆头螺钉 M3x8	Cross recessed button head screw	1
30	01-504000824-3	内六角圆柱头螺钉 M4x8	Hexagon socket head cap screws	8
31	01-505002224-3	内六角圆柱头螺钉 M5x22	Hexagon socket head cap screws	2
32	01-506003524-3	内六角圆柱头螺钉 M6x35	Hexagon socket head cap screws	1
33	01-805000814-1	内六角凹端紧定螺钉 M5x8	Hexagon socket set screw M5x8	4
34	03-606000500-6	六角螺母 M6	Hex nut M6	1
35		拉料夹组件	Pull clamp component	1
36	515.12-09	送料同步带 (HTD-3M)	Feeding timing belt (HTD-3M)	1
37	515.23-19-00B	拉料罩壳	Pulling shield cover	1
38	01-506001824-3	内六角圆柱头螺钉 M6x18	Hexagon socket head cap screws	3
39	01-505002024-3	内六角圆柱头螺钉 M5x20	Hexagon socket head cap screws	8

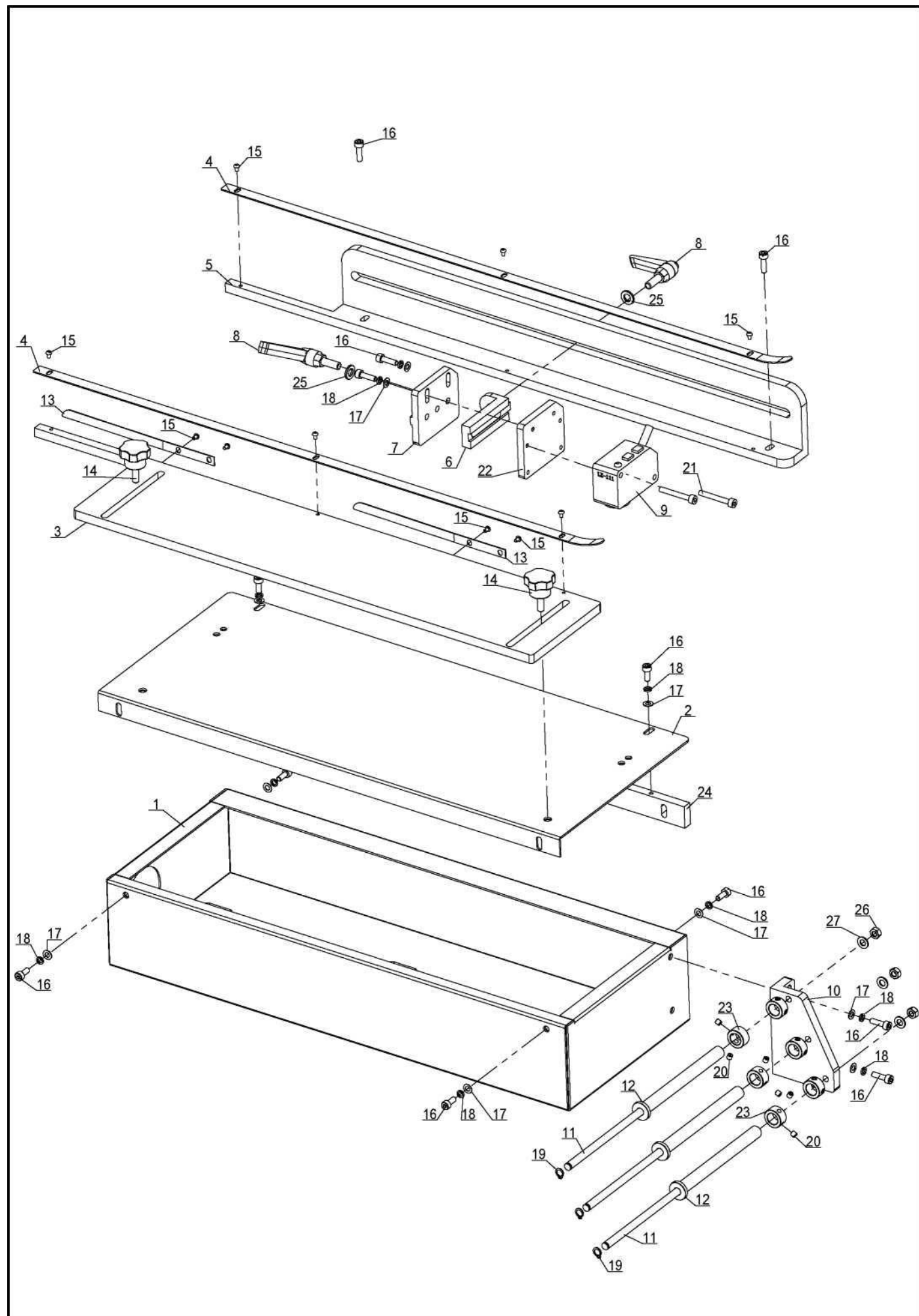


No.	图 号	Name	NAME OF PARTS	Qty.
1	30015930	OMRON 小型编码器 E6A2-CWZ5C	OMRON Small encoder	1
2	515.15-56	编码器计长轴	Encoder length counting shaft	1
3	515.15-57	编码器计长压片	Pressing plate for encoder length	4
4	01-803000414-1	内六角凹端紧定螺钉 M3x4	Hexagon socket cap head set screw	2
5	515.25-04	编码器计长板	Encoder length counting plate	1
6	01-403001222-6	十字槽平圆头螺钉 M3x12	Cross recessed flat head screw M3x12	2
7	05-032050700-4	平 垫 圈 3.2x0.5x7	Flat washer 3.2x0.5x7	3
8	01-503001424-3	内六角圆柱头螺钉 M3x14	Hexagon socket head cap screws	3
9	515.15-58	编码器计长转片	Encoder length counting rotor	4
10	07-0310808-3	弹性垫圈 3.1xQ.8x0.8	Elastic washer 3.1xQ.8x0.8	3

Tool component (ultrasonic)

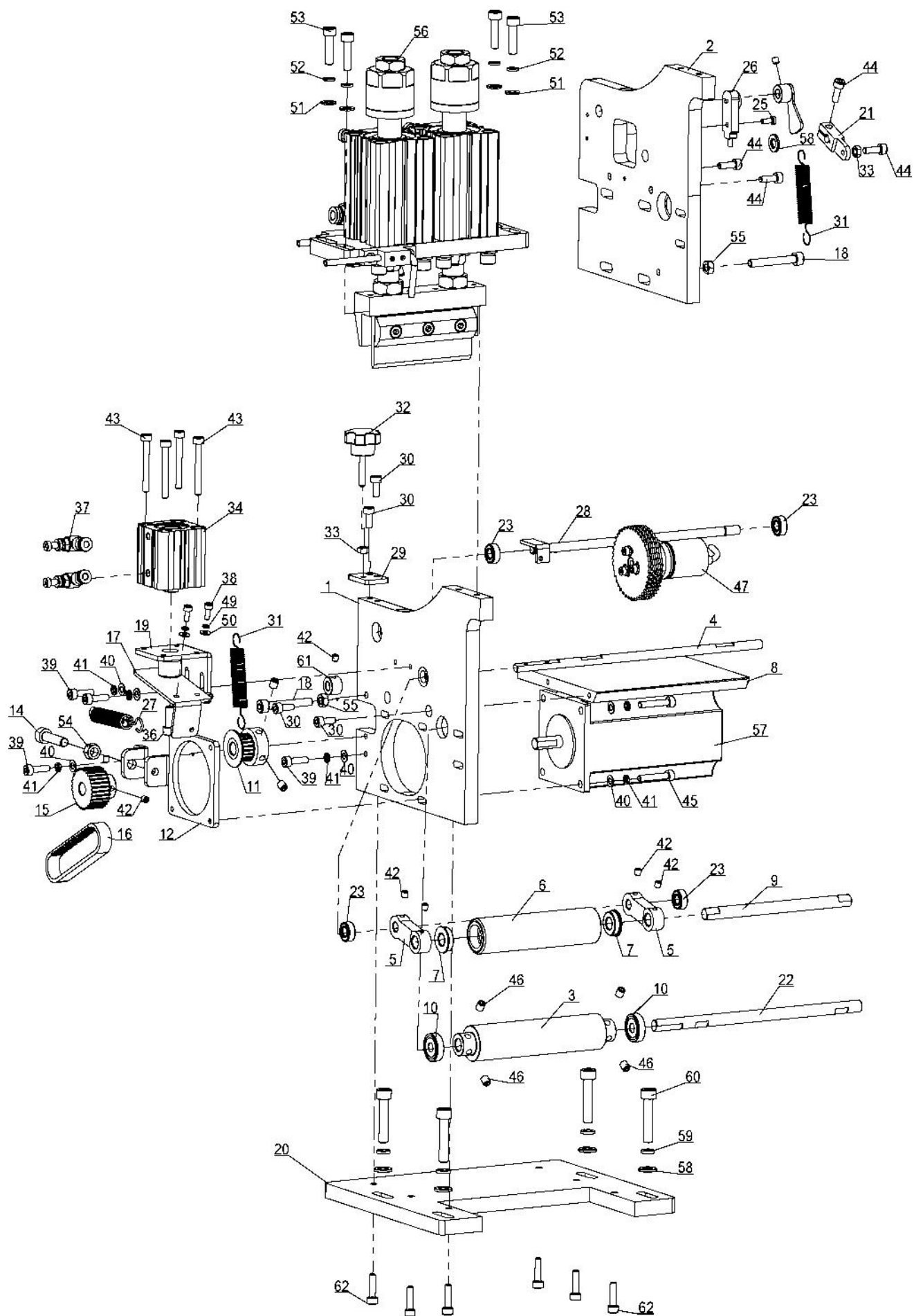


No.	Drawing No.	Name	NAME OF PARTS	Qty
1	515.25-53	切刀 2	Parting tool 2	1
2	515.25-14	气缸座	Cylinder pedestal	1
3	01-804000614-1	内六角凹端紧定螺钉 M4x6	Hexagon socket cap head set screw	2
4	调速阀	PSL601A	PSL601A	4
5	01-506003024-3	内六角圆柱头螺钉 M6x30	Hexagon socket head cap screws	8
6	05-064161200-6	平垫片 6.4x1.6x12	Flat gasket 6.4x1.6x12	8
7	07-0631616-6	弹性垫圈 6.3 父 1.6 父 1.6	Elastic Washer 6.3x1.6x1.6	8
8	01-804000414-1	内六角凹端紧定螺钉 M4x4	Hexagon socket cap head set screw	4
9	515.25-47	吹气管	Blast air pipe	2
10	515.25-51	吹气管固定座	Blast air pipe holder	2
11	AC0J32x30-10SB	气缸	Cylinder	2
12	515.25-52	夹刀板	Tool plate	1
13	515.25-10	切刀固定座	Tool holder	1
14	01-505001424-3	内六角圆柱头螺钉 M5x14	Hexagon socket head cap screws	3
15	01-503001024-3	内六角圆柱头螺钉 M3x10	Hexagon socket head cap screws	4



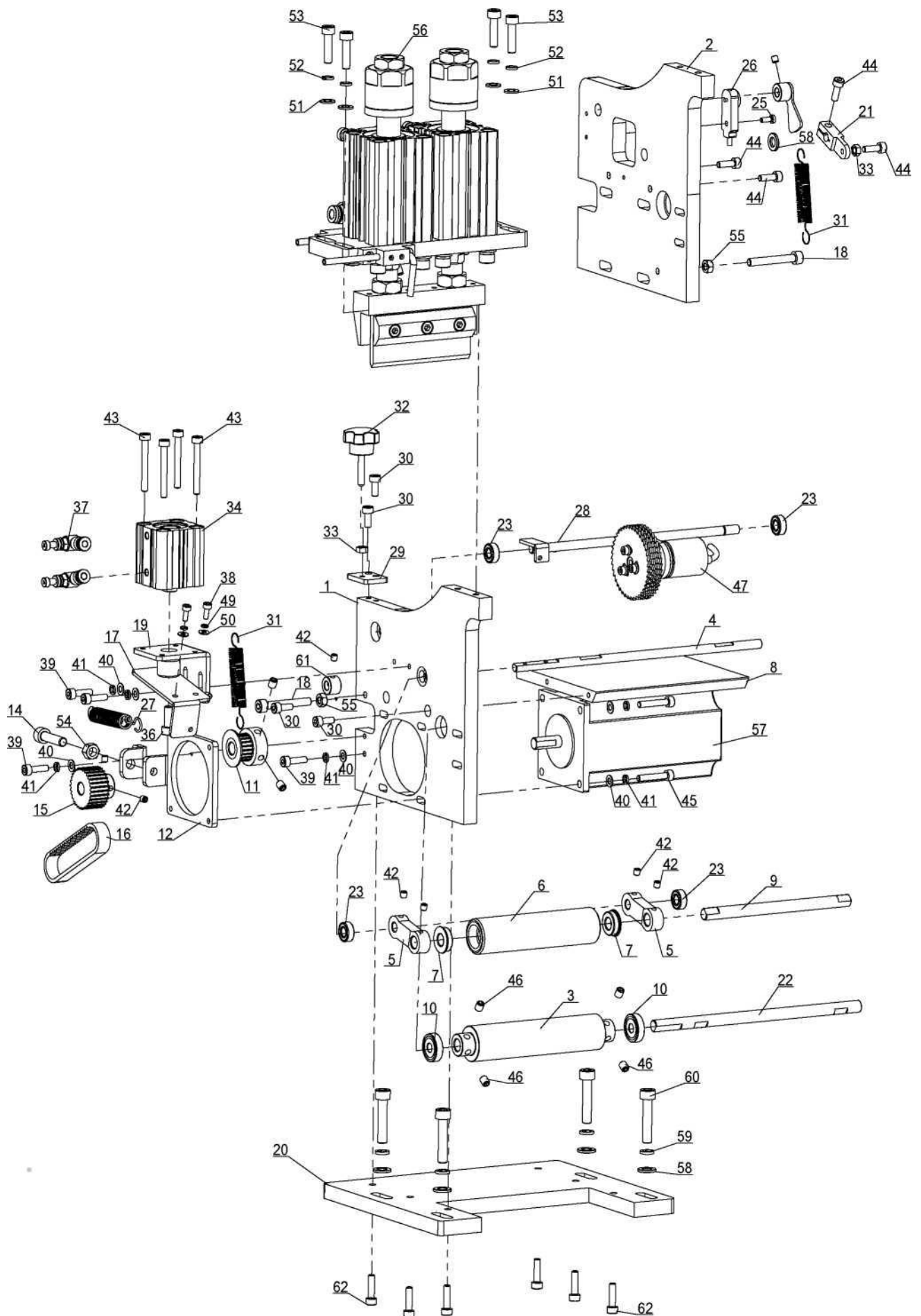
Length counting box components

No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515. 25-27B	主撑罩壳	Main support cover	1
2	515. 25-22	不锈钢面板	Stainless steel panel	1
3	515. 25-26	右挡带板	Right baffle	1
4	515. 25-29	左挡带板压板	Pressing plate of left baffle	2
5	515. 25-28	左挡带板	Left baffle	1
6	515. 25-21	LOG 识别器支架调节板	LOG identifier bracket adjusting plate	1
7	515. 25-20	LOG 识别器支架	LOG identifier bracket	1
8	30048380	可调位手柄螺钉 M6x15	Adjustable handle screw M6x15	2
9	30044545	色标 LX-111	Color code LX-111	1
10	515. 25-25	过带轮座	Transition pulley seat	1
11	515. 25-24	过带轮轴	Transition pulley shaft	3
12	515. 25-23	过带轮	Transition pulley	3
13	515. 15-50-07	弹簧挡片	Spring catch	2
14	30045774	星型旋钮 M5-16	Star knob M5-16	2
15	01-303000424-3	内六角平圆头螺钉 M3x4	Hexagon socket flat head screw M3x4	10
16	01-504001024-3	内六角圆柱头螺钉 M4x10	Hexagon socket head cap screws	12
17	05-042030900-6	平垫圈 4. 2x0. 3x9	Flat washer 4.2x0.3x9	10
18	07-0421111-6	弹性垫圈 4. 2x1. 1x1. 1	Elastic washer 4.2x1.1x1.1	10
19	10-0560612-1	轴用弹簧挡圈 5. 6x0. 6x1. 2	Halted ring for shaft 5.6x0.6x1.2	3
20	01-804000414-1	内六角凹端紧定螺钉 M4x4	Hexagon socket cap head set screw	12
21	01-504003024-3	内六角圆柱头螺钉 M4x30	Hexagon socket head cap screws	2
22	515. 25-45	可调板	Adjustable plate	1
23	515. 25-50	限位圈	Limit ring	6
24	515. 25-54	可调压板	Adjustable plate	1
25	05-064161200-6	平垫片 6. 4x1. 6x12	Flat gasket 6.4x1.6x12	2
26	03-605000500-4	六角螺母 M5	Hex nut M5	3
27	05-053101000-3	平垫圈 5. 3x1x10	Flat washer 5.3x1x10	3



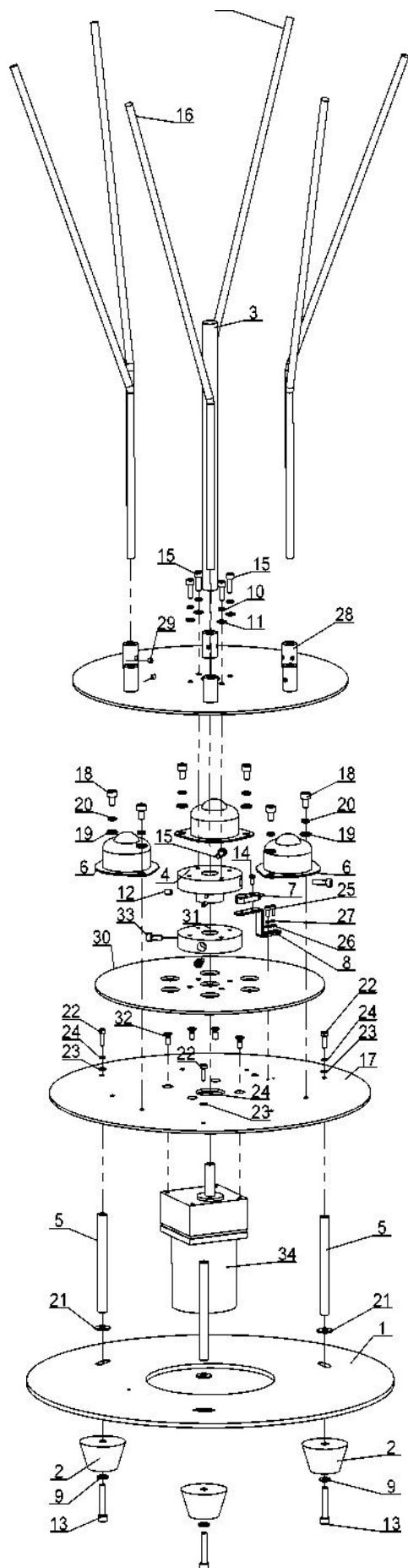
Feeding length component

No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515.25-15	左侧立板	Left riser	1
2	515.25-16	右侧立板	Right riser	1
3	515.25-18	主动轮	Driving pulley	1
4	515.25-07	从动轮上轴	Upper shaft of driven pulley	1
5	515.25-06	从动轮撑架	Driven pulley bracket	2
6	515.25-17	从动轮	Driven pulley	1
7	14-F688-2Z	轴承 F688	Bearing F688	2
8	515.25-01	中间撑板	Intermediate brace	1
9	515.25-08	从动轮轴	Driven axle	1
10	14-698-2Z	轴承 8x19x6	Bearing 8x19x6	2
11	515.15-18	主动轮 (P20-HTD-3M)	Driving pulley (P20-HTD-3M)	1
12	515.25-32	电机连接板	Motor connecting plate	1
13	515.15-21	拉紧板	Tension plate	1
14	01-506002524-3	内六角圆柱头螺钉 M6x25	Hexagon socket head cap screws	1
15	515.25-33	从动轮 (P30-HTD-3M)	Driven pulley (P30-HTD-3M)	1
16	515.15-19	同步带 (192-3M)	Timing belt (192-3M)	1
17	515.15-12	拉簧可动座	Pull basket movable seat	1
18	01-505003524-3	内六角圆柱头螺钉 M5x35	Hexagon socket head cap screws	2
19	515.15-11	气缸支架	Cylinder bracket	1
20	515.25-13	计长主底板	Length counting baseplate	1
21	515.25-12	计长压轮架	Length counting roller frame	1
22	515.25-02	主动轮轴	Driving axle	1
23	14-628/6-2Z	轴承 6x13x5	Bearing 6x13x5	4
24	515.15-14	过梗感应片	Overshoot sensor film	1
25	01-303000822-6	十字槽半圆头螺钉 M3x8	Cross recessed button head screw	1
26	30032043	接近开关松下 GX-F12A	Proximity switch Panasonic GX-F12A	1
27	2101.13-05	拉簧	Pull	1
28	515.25-19-00	压杆片组件	Pressure rod plate	1
29	515.15-68	撑板	Strut	1
30	01-504001024-3	内六角圆柱头螺钉 M4x10	Hexagon socket head cap screws	4
31	30052901	【不锈钢拉簧】0.5x8x45	【Stainless steel tension spring】	2
32	30048387	星型旋钮 M4-12	Star knob M4-12	1
33	03-604000300-6	六角螺母 M4x3	Hex nut M4x3	2
34	ACQ20x20	气缸	Cylinder	1
35	515.15-23	气缸顶块	Cylinder top block	1
36	01-505001424-3	内六角圆柱头螺钉 M5x14	Hexagon socket head cap screws	1
37	PSL4M5A	调速阀	Speed control valve	2
38	01-503000824-3	内六角圆柱头螺钉 M3x8	Hexagon socket head cap screws	2
39	01-504001424-3	内六角圆柱头螺钉 M4x14	Hexagon socket head cap screws	4
40	05-043080900-3	平垫圈 4.3x0.8x9	Flat washer 4.3x0.8x9	8
41	07-0421111-6	弹性垫圈 4.2x1.1x1.1	Elastic washer 4.2x1.1x1.1	8
42	01-804000414-1	内六角凹端紧定螺钉 M4x4	Hexagon socket cap head set screw	10
43	01-504003524-3	内六角圆柱头螺钉 M4x35	Hexagon socket head cap screws	4
44	01-504001224-3	内六角圆柱头螺钉 M4x10	Hexagon socket head cap screws	4
45	01-504002224-3	内六角圆柱头螺钉 M4x22	Hexagon socket head cap screws	4
46	01-805000614-1	内六角凹端紧定螺钉 M5x6	Hexagon socket cap head set screw	6
47		编码器计长组件	Encoder length counting component	1
48	01-805000614-1	内六角凹端紧定螺钉 M5x6	Hexagon socket cap head set screw	1
49	07-0310808-3	弹性垫圈 3.1x0.8x0.8	Elastic washer 3.1x0.8x0.8	2
50	05-032050700-4	平垫圈 3.2x0.5x7	Flat washer 3.2x0.5x7	2
51	05-053101000-3	平垫圈 5.3x1x10	Flat washer 5.3x1x10	4
52	07-0521313-6	弹簧垫圈 5.2x1.3x1.3	Spring washer 5.2x1.3x1.3	4



Feeding length component

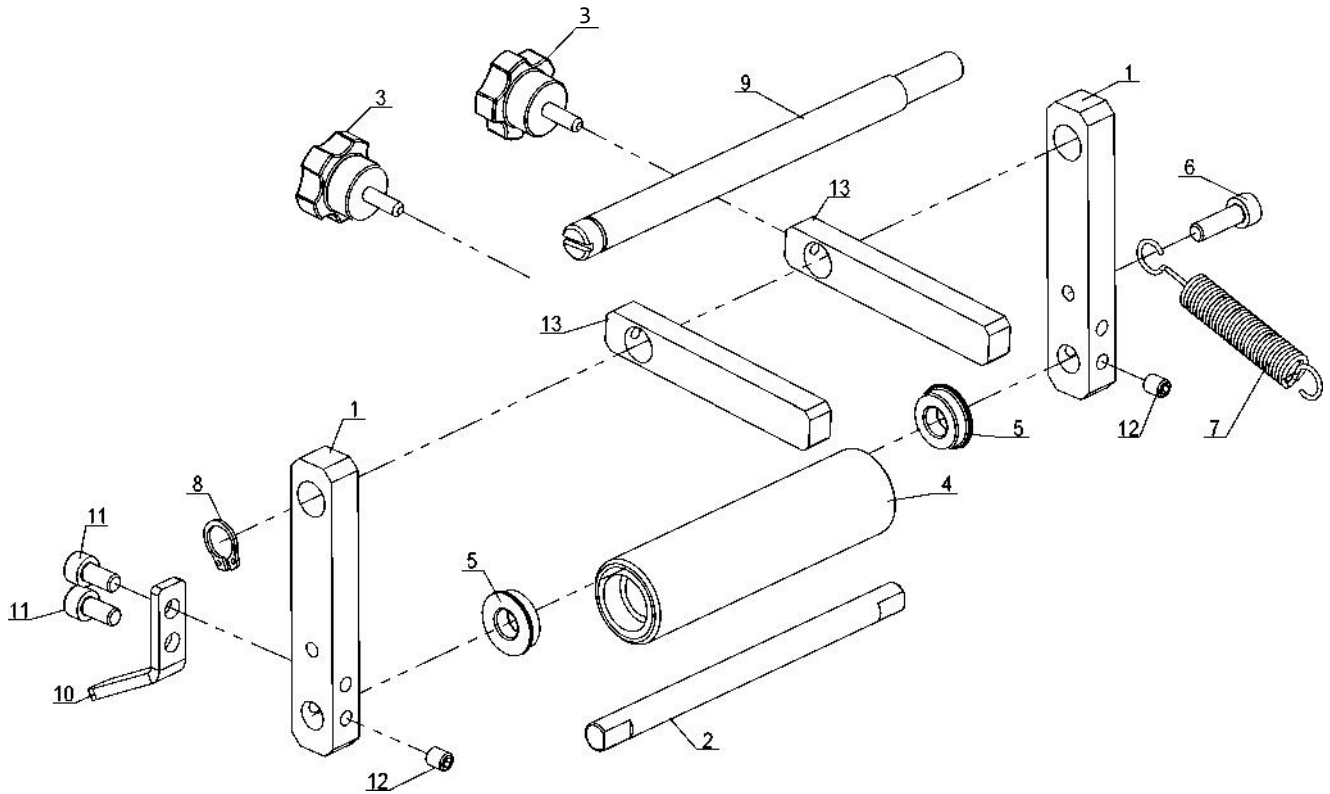
No.	Drawing No.	Name	NAME OF PARTS	Qty
53	01-505002024-3	内六角圆柱头螺钉 M5x20	Hexagon socket head cap screws	4
54	03-606000500-6	六角螺母 M6	Hex nut M6	1
55	03-605000500-4	六角螺母 M5	Hex nut M5	2
56		切刀部件 (超声波)	Tool components (ultrasonic)	1
57	30045579	60 闭环步进电机	60 closed-loop stepper motor	1
58	05-064161200-6	平垫片 6.4x1.6x12	Flat gasket 6.4x1.6x12	5
59	07-0631616-6	弹性垫圈 6.3x1.6x1.6	Elastic washer 6.3x1.6x1.6	4
60	01-506003024-3	内六角圆柱头螺钉 M6x30	Hexagon socket head cap screws	4
61	515.15-44	挡圈	Halted ring	1
62	01-504001624-3	内六角圆柱头螺钉 M4x16	Hexagon socket head cap screws	6



Receiving mechanism

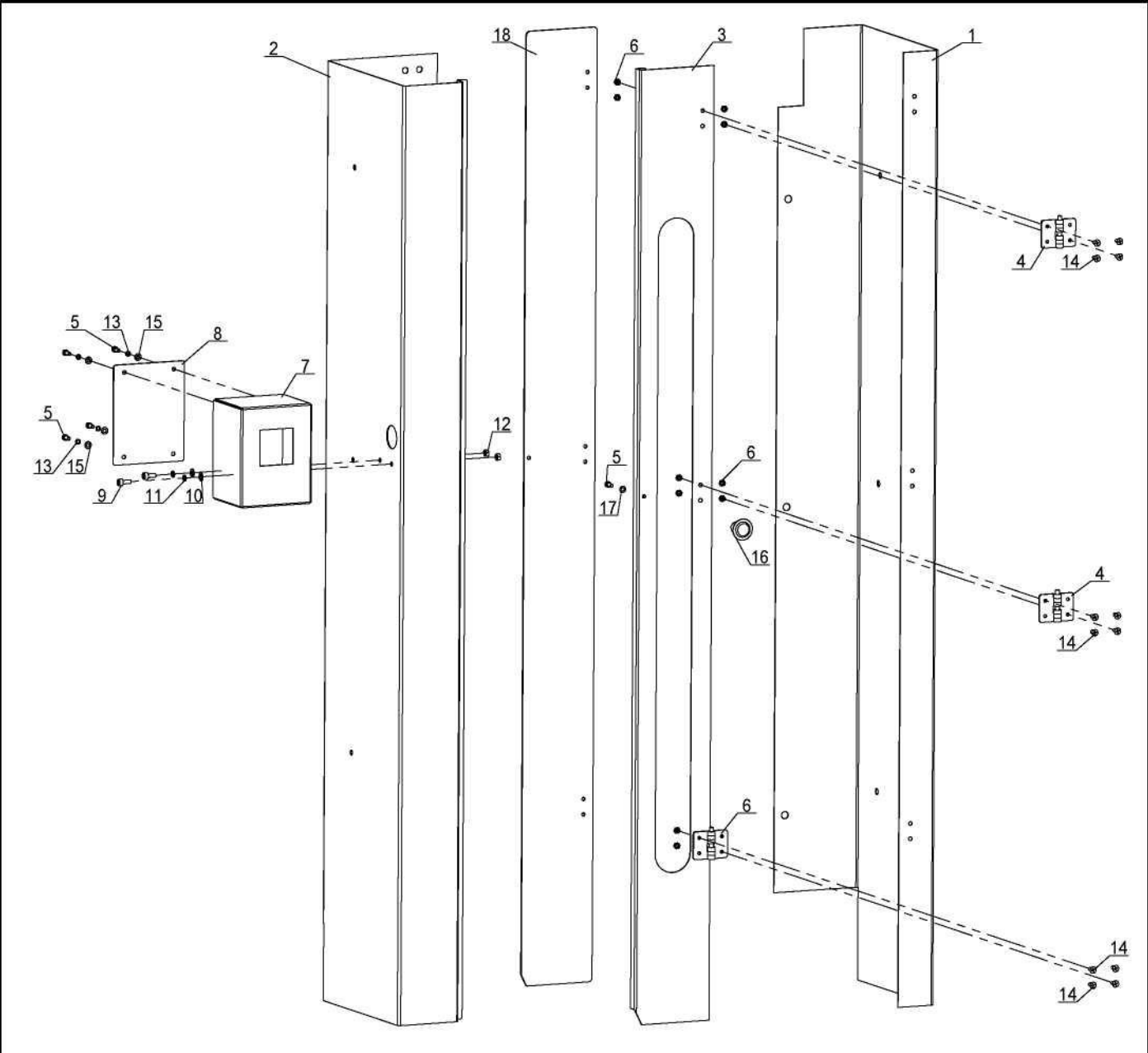
No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515.26-09B	收料底座	Receiving base	1
2	30045137	橡胶脚垫 (50x32x30)	Rubber feet (50x32x30)	3
3	515.26-07	转轴	Rotating shaft	1
4	515.26-12	电机轴法兰 1	Motor shaft flange 1	1
5	515.26-04	收料底座支柱	Receiving base support	3
6	30045133	钢球万向轮 CY-30A	Steel ball universal pulley CY-30A	3
7	30032043	接近开关松下 GX-F12A	Proximity switch Panasonic GX-F12A	1
8	515.16-15	收料感应器安装架	Receiving sensor mounting bracket	1
9	05-065101300-3	平垫圈 6.5x1.0x1.3	Flat washer 6.5x1.0x1.3	3
10	07-0521313-6	弹簧垫圈 5.2x1.3x1.3	Spring washer 5.2x1.3x1.3	4
11	05-053101000-3	平垫圈 5.3x1x10	Flat washer 5.3x1x10	4
12	01-805000814-1	内六角凹端紧定螺钉 M5x8	Hexagon socket cap head set screw	2
13	01-506003524-3	内六角圆柱头螺钉 M6x35	Hexagon socket head cap screws	3
14	01-303000822-3	十字槽半圆头螺钉 M3x8	Cross recessed button head screw	1
15	01-505001624-3	内六角圆柱头螺钉 M5x16	Hexagon socket head cap screws	6
16	515.16-05	收料轴	Receiving shaft	6
17	515.26-10B	收料底座 2	Receiving base 2	1
18	01-506001024-3	内六角圆柱头螺钉 M6x10	Hexagon socket head cap screws	6
19	05-064161200-6	平垫片 6.4x1.6x12	Flat gasket 6.4x1.6x12	6
20	07-0631616-6	弹性垫圈 6.3x1.6x1.6	Elastic washer 6.3x1.6x1.6	6
21	05-062141703-5	平垫片 6.2x1.4x17	Flat gasket 6.2x1.4x17	3
22	01-504001424-3	内六角圆柱头螺钉 M4x14	Hexagon socket head cap screws	3
23	05-042030900-6	平垫圈 4.2x0.3x9	Flat washer 4.2x0.3x9	3
24	07-0421111-6	弹性垫圈 4.2x1.1x1.1	Elastic washer 4.2x1.1x1.1	3
25	01-503000824-3	内六角圆柱头螺钉 M3x8	Hexagon socket head cap screws	2
26	05-032050700-4	平垫圈 3.2x0.5x7	Flat washer 3.2x0.5x7	2
27	07-0310808-3	弹性垫圈 3.1x0.8x0.8	Elastic washer 3.1x0.8x0.8	2
28	515.26-11-00B	旋转底板组件	Rotating baseplate component	1
29	01-805000414-1	内六角凹端紧定螺钉 M5x4	Hexagon socket cap head set screw	12
30	515.26-13B	可调盘	Adjustable disc	1
31	515.26-14	电机轴法兰 2	Motor shaft flange 2	1
32	01-105001222-3	十字槽沉头螺钉 M5x12	Cross recessed countersunk head	4
33	01-505001224-3	内六角圆柱头螺钉 M5x12	Hexagon socket head cap screws	2
34	30057762	单项异步电机	Single-phase asynchronous motor	1

Driven pulley assembly (with ironing)

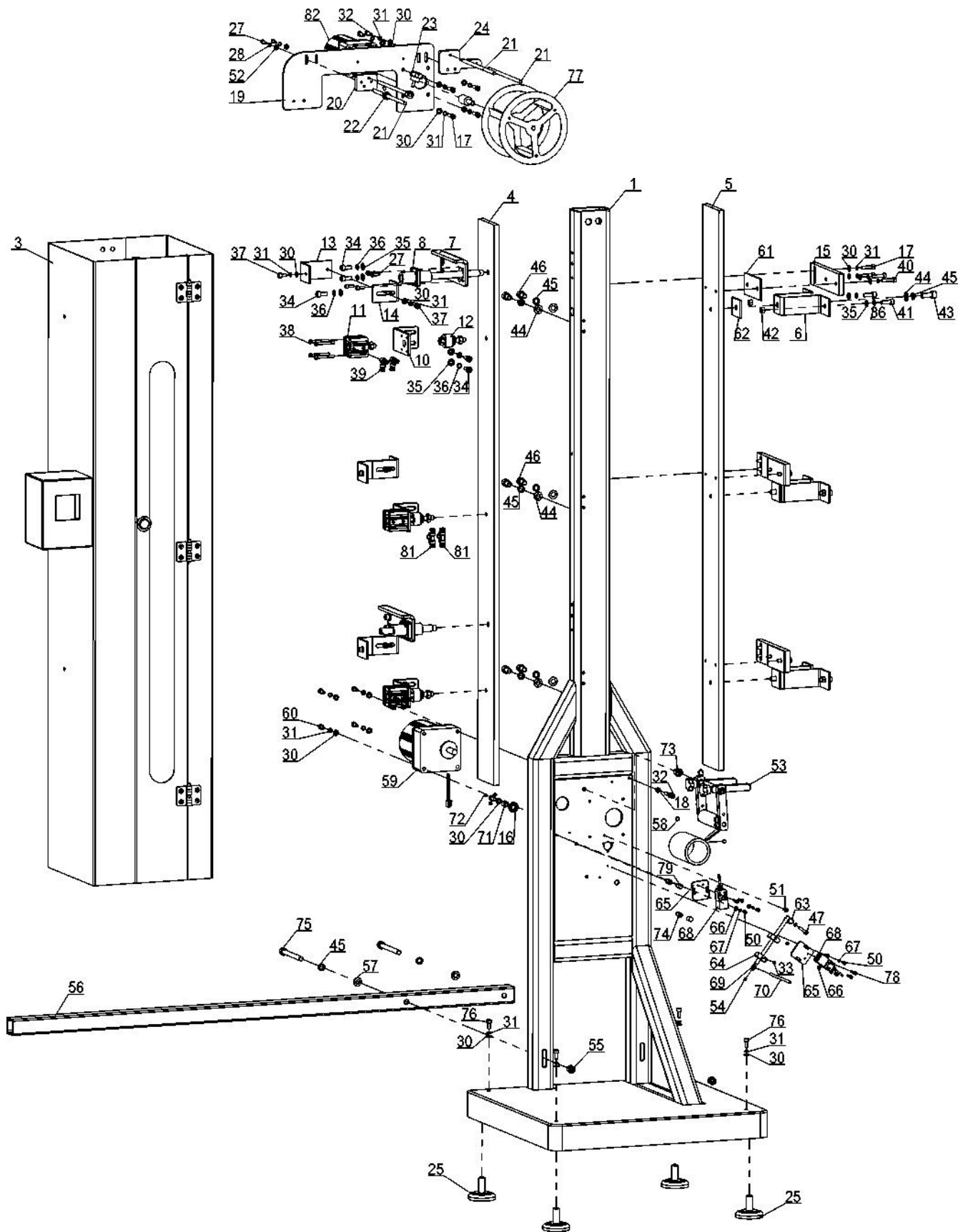


No.	Drawing No.	Name	NAME OF PARTS	Qty
1	515. 27-37	从动轮支架	Driven wheel bracket	2
2	515. 27-39	从动轴	Driven shaft	1
3	30048387	星型旋钮 M4-12	Star knob M4-12	2
4	515. 25-17	包胶从动轮	Capsulated driven pulley	1
5	14-F688-2Z	轴承 F688	Bearing F688	2
6	01-505001624-3	内六角圆柱头螺钉 M5x16	Hexagon socket head cap screws	1
7	2101. 13-05	拉簧	Pull	1
8	10-0931015-1	轴用弹簧挡圈 9. 3x1x1. 5	Halted ring for shaft 9.3x1x1.5	1
9	515. 27-46	从动机构主轴 2	Driven mechanism spindle 2	1
10	515. 27-71	扳手	Wrench	1
11	01-505001024-3	内六角圆柱头螺钉 M5x10	Hexagon socket head cap screws	2
12	01-805000614-1	内六角凹端紧定螺钉 M5x6	Hexagon socket cap head set screw	2
13	515. 27-74	从动轮定位杆	Positioning rod of driven pulley	2

Shield assembly

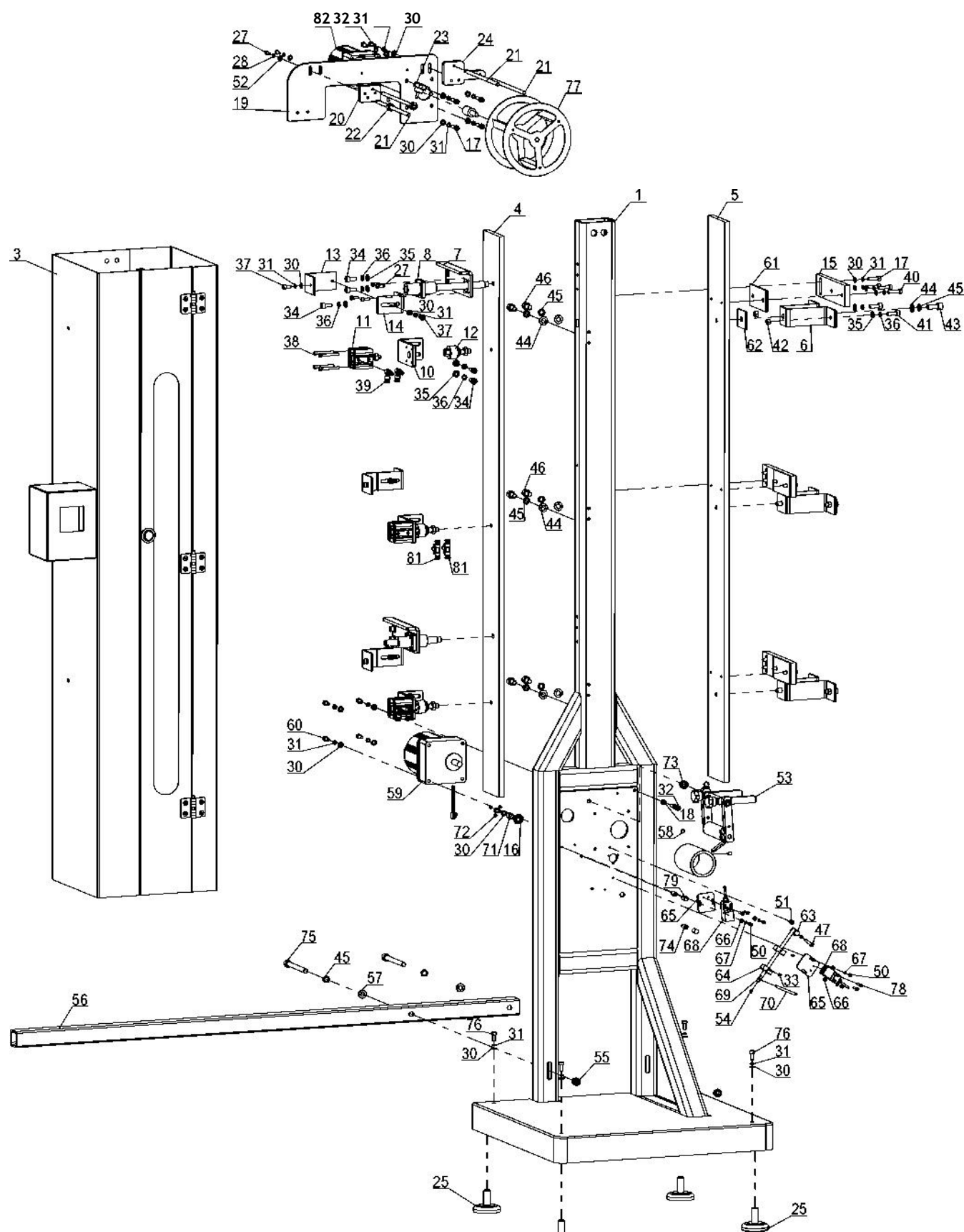


序号	图号	名 称	NAME OF PARTS	数量
1	515.27-02B	左侧罩板	Left shield plate	1
2	515.27-03B	右侧罩板	Right shield plate	1
3	515.27-04B	中间罩板	Intermediate shield plate	1
4	30009828	【304 不锈钢合页校链】48x36	[304 stainless steel hinge chain] 48x36	3
5	01-504001024-3	内六角圆柱头螺钉 M4x10	Hexagon socket head cap screws M4x10	5
6	03-604000300-6	六角螺母 M4x3.2	Hex nut M4x3.2	12
7	515.27-51 B	温控电控盒	Temperature control electric control box	1
8	515.27-52B	温控电控盒盖	Temperature control electric control box cover	1
9	01-505001224-3	内六角圆柱头螺钉 M5x12	Hexagon socket head cap screws M5x12	2
10	05-053101000-3	平垫圈 5.3x1x10	Flat washer 5.3x1x10	2
11	07-0521313-6	弹簧垫圈 5.2x1.3x1.3	Spring washer 5.2x1.3x1.3	2
12	03-605000500-4	六角螺母 M5	Hex nut M5	2
13	07-0421111-6	弹性垫圈 4.2x1.1x1.1	Elastic washer 4.2x1.1x1.1	4
14	01-104001022-4	十字槽沉头螺钉 M4x 10	Cross recessed countersunk head screw M4x 10	12
15	05-043080900-3	平垫片 4.3xQ.8x9	Flat gasket 4.3xQ.8x9	4
16	30057360	圆形柜门拉手 (加大 20)	Round cabinet door handle (extended 20)	1
17	05-042030900-6	平垫圈 42x0.3x9	Flat washer 42x0.3x9	1
18	515.27-56	透明罩板	Transparent shield plate	1



Ironing mechanism

No.	Drawing No.	Name	NAME OF PARTS	Qty.
1	515.27-01-00B	底座支架组件	Base bracket componet	1
2	515.27-29B	底座侧盖	Base side cover	1
3		罩壳装配体	Enclosure assembly	1
4	515.27-06	加热铝板	Heating aluminum plate	1
5	515.27-07	定加热铝板	Fixed heating aluminum plate	1
6	515.27-58B	折弯连接件	Bend connector	3
7	515.27-59B	连接板	Connecting plate	2
8	30045130	直线轴承 LMFC12UU	Linear bearing LMFC12UU	2
9	515.27-09	限位轴	Limit axis	2
10	515.27-60B	折弯连接件 2	Bending connector 2	3
11	30053941	【超薄气缸】AC○20x15-S-B	【Ultra-thin cylinder】AC○20x15-SB	3
12	30052533	F-M8X125F 【亚德客浮动接头】	F-M8X125F [AirTAC floating joint]	3
13	515.27-61B	折弯连接件 3	Bending connector 3	3
14	515.27-62B	折弯连接件 4	Bend connector 4	3
15	515.27-14	固定铁板	Fixed iron plate	3
16	30037932	14-F618-8 【凸缘轴承】	14-F618-8 [Flanged bearing]	1
17	01-505002024-3	内六角圆柱头螺钉 M5x20	Hexagon socket head cap screws M5x20	11
18	03-605000500-4	六角螺母 M5	Hex nut M5	1
19	515.27-19B	整料电机板	Monolithic motor plate	1
20	515.27-23	固定块	Fixing block	1
21	515.27-22	挡料轴	Sstopper shaft	4
22	515.27-24	挡圈 2	Closing ring 2	2
23	30048387	星型旋钮 M4-12	Star knob M4-12	1
24	515.27-25	连接板 3	Connecting plate 3	1
25	30045230	橡胶支撑垫脚	Rubber support food pad	4
26	03-612000800-4	【六角螺母】M12x8	【Hexagonal nut】M4X3.2	4
27	01-504001224-3	内六角圆柱头螺钉 M4x12	Hexagon socket head cap screws M4x12	10
28	07-0421111-6	弹性垫圈 4.2x1.1xi.i	Elastic washer 4.2x1.1xi.i	3
29	01-505001424-3	内六角圆柱头螺钉 M5x14	Hexagon socket head cap screws M5x14	3
30	05-053101000-3	平垫圈 5.3x1x10	Flat washer 5.3x1x10	35
31	07-0521313-6	弹簧垫圈 5.2x1.3x1.3	Spring washer 5.2x1.3x1.3	34
32	01-505001624-3	内六角圆柱头螺钉 M5x16	Hexagon socket head cap screws M5x16	3
33	01-804000614-1	内六角凹端紧定螺钉 M4x6	Hexagon socket cap head set screw M4x6	3
34	01-506001424-3	内六角圆柱头螺钉 M6x14	Hexagon socket head cap screws M6x14	11
35	05-064161200-6	平垫片 6.4x1.6x12	Flat gasket 6.4x1.6x12	17
36	07-0631616-1	弹性垫圈 6.3x1.6x1.6	Elastic washer 6.3x1.6x1.6	17
37	01-505001024-3	内六角圆柱头螺钉 M5x10	Hexagon socket head cap screws M5x10	6
38	01-504003524-3	内六角圆柱头螺钉 M4x35	Hexagon socket head cap screws M4x35	8
39	PSL4M5A	调速阀	Speed control valve	4
40	01-505002224-3	内六角圆柱头螺钉 M5x22	Hexagon socket head cap screws M5x22	6
41	01-506001824-3	内六角圆柱头螺钉 M6x18	Hexagon socket head cap screws M6x18	6
42	03-606000500-6	六角螺母 M6	Hex nut M6	6
43	01-508002024-3	内六角圆柱头螺钉 M8x20	Hexagon socket head cap screws M8x20	3
44	05-084161600-6	平垫片 8.4x1.6x16	Flat gasket 8.4x1.6x16	9
45	07-0812121-6	弹性垫圈 8.1x2.1x2.1	Elastic washer 8.1x2.1x2.1	11
46	30045218	【内六角圆柱头螺钉】M8x15	【Hexagon socket cheese-head screw】	6
47	01-504001624-3	内六角圆柱头螺钉 M4x16	Hexagon socket head cap screws M4x16	1
48	515.27-27	转接套	Adapter sleeve	1
49	01-805000814-1	内六角凹端紧定螺钉 M5x8	Hexagon socket cap head set screw M5x8	1
50	01-503000824-3	内六角圆柱头螺钉 M3x8	Hexagon socket head cap screws M3x8	4
51	01-504001024-3	内六角圆柱头螺钉 M4x10	Hexagon socket head cap screws M4x10	6
52	05-043080900-3	平垫片 4.3x0.8x9	Flat gasket 4.3x0.8x9	2



No.	Drawing No.	Name	NAME OF PARTS	Qty.
53		从动轮装配(带熨烫)	Driven pulley assembly (with ironing)	1
54	01-804000414-1	内六角凹端紧定螺钉 M4x4	Hexagon socket cap head set screw	1
55	03-608000650-6	六角螺母 M8	Hex nut M8	2
56	515.27-49B	加长横梁	Extended beam	1
57	05-081201553-5	平垫片 8.1x2.0x15.5	Flat gasket 8.1x2.0x15.5	2
58	01-805000614-1	内六角凹端紧定螺钉 M5x6	Hexagon socket cap head set screw	2
59	30057381	80 单相异步电机	80 single-phase asynchronous motor	1
60	01-505001224-3	内六角圆柱头螺钉 M5x12	Hexagon socket head cap screws	4
61	515.27-54	隔热板	Heat shield	3
62	515.27-55	隔热板 2	Heat shield 2	3
63	515.27-67	圆柱 1	Cylinder 1	1
64	515.27-64	感应固定块	Induction fixing block	2
65	515.27-63	传感器固定块	Sensor fixing block	2
66	05-032050700-4	平垫圈 3.2x0.5x7	Flat washer 3.2x0.5x7	4
67	07-0310808-3	弹性垫圈 3.1x0.8x0.8	Elastic washer 3.1x0.8x0.8	4
68	30034523	M105-18a 接近开关	M105-18a proximity switch	2
69	515.27-68	圆柱 2	Cylinder 2	1
70	515.27-69	圆柱 3	Cylinder 3	1
71	515.27-65	固定套	Fixed sleeve	1
72	01-303000624-6	内六角半圆头螺钉 M3x6	Hexagon socket button head screw	3
73	515.27-70	挡套	Spacer sleeve	1
74	515.27-66	焊接柱	Welding post	2
75	01-508008524-3	内六角圆柱头螺钉 M8x85	Hexagon socket head cap screws M8 X	2
76	01-505001224-3	内六角圆柱头螺钉 M5x12	Hexagon socket head cap screws	4
77		抖带轮组件	Belt shaking pulley component	1
78	01-503001624-3	内六角圆柱头螺钉 M3x16	Hexagon socket head cap screws	4
79	515.22-24	黑色橡胶套 (Q5.5)	Black rubber boot (Q5.5)	2
80	515.27-17-00	出口主动轮	Outlet driving pulley	1
81	PEB4M5	管接头	Pipe joint	2
82	30057763	单项异步电机	Driven pulley assembly (with ironing)	1



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