

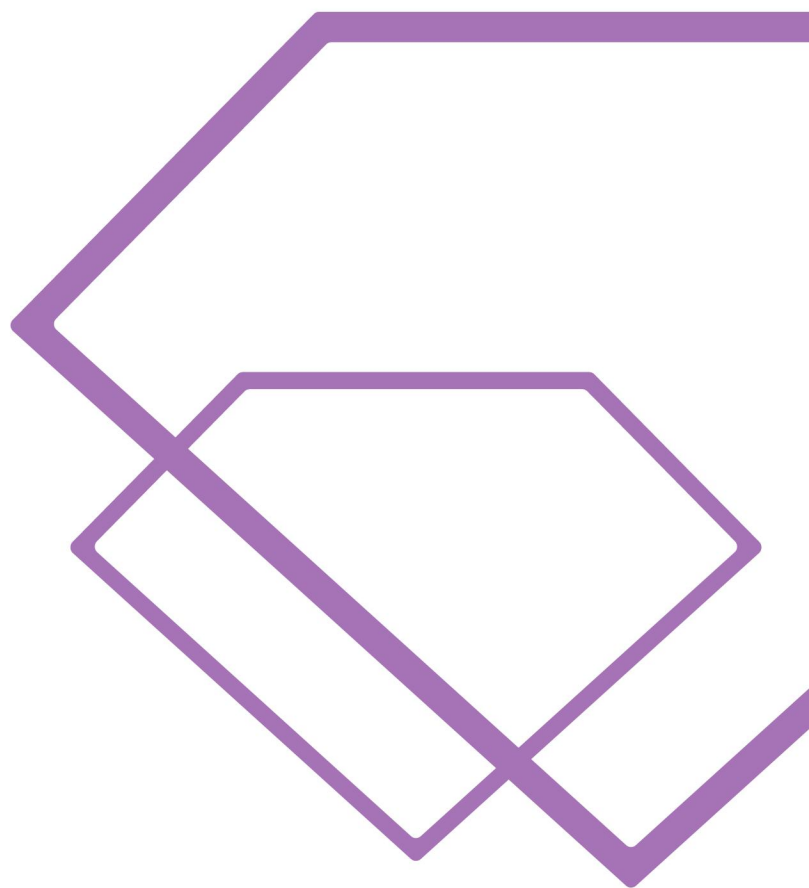
新一代智能缝纫机

THE NEW GENERATION OF INTELLIGENT SEWING MACHINE

HIKARI® 富山

零件手册

PARTS BOOK



HAT-K5D

range
Series

Automatic rubber band splicer
AUTOMATIC RING DOWNER

V1.00

Shanghai Fushan Precision Machinery Technology Co.

Parts Manual

Products involved: HAT-K5D

**[Automatic rubber band splicing
machine] Document no:**

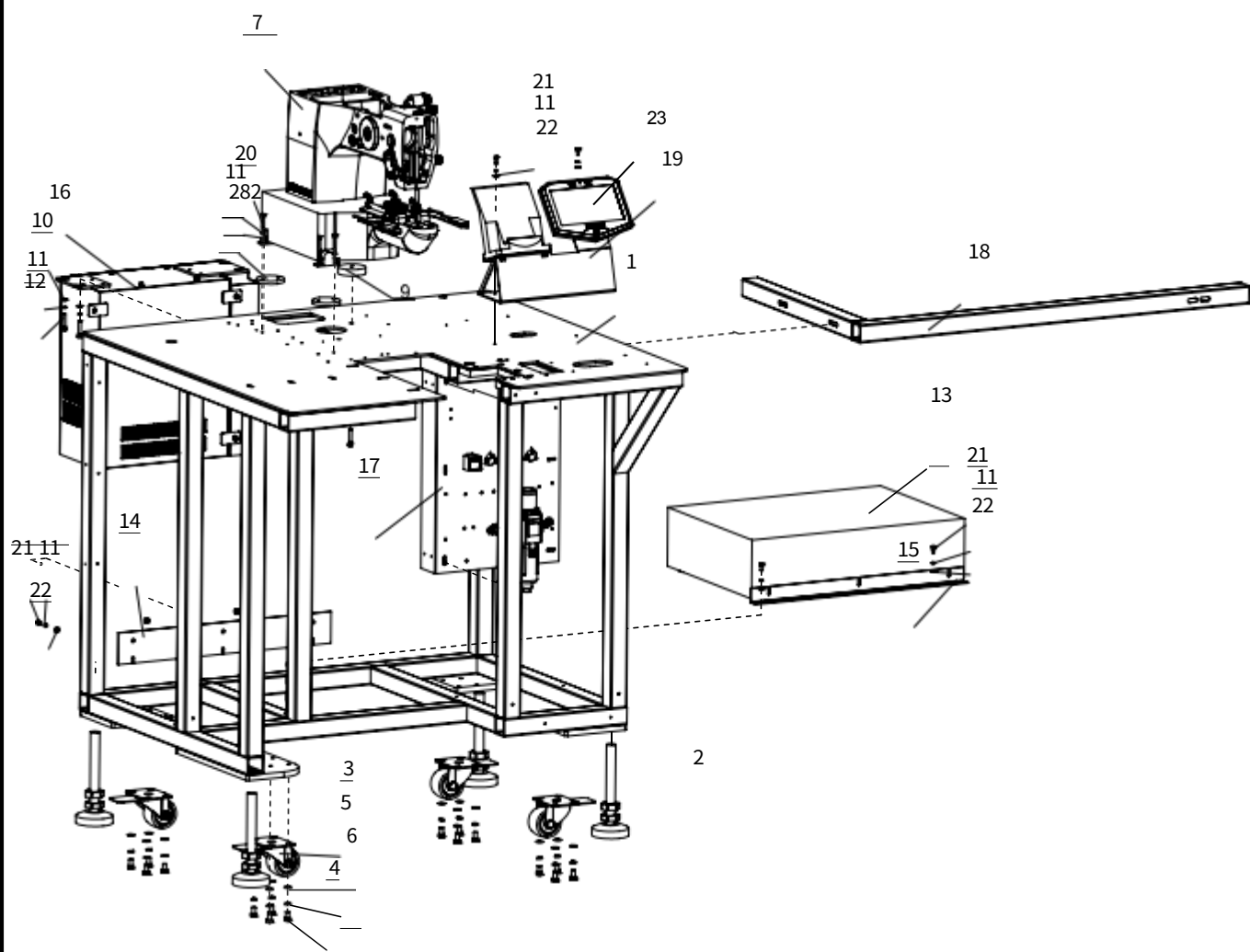
Document version: A

版本变更历史				
版本	更改单号	更改说明	日期	作者
A	/	新建文件	2023-10-12	陈闯

目录

1.Rack Assembly	1
2.Clamping mechanism	10
3.Pushing mechanism	12
4.Pulling mechanism	16
5.Feeding mechanism.....	19
6.Take-up parts	27
7.Ironing parts.....	29
8.Ultrasonic components	35
9.Bottom Line Inspection Components...	37

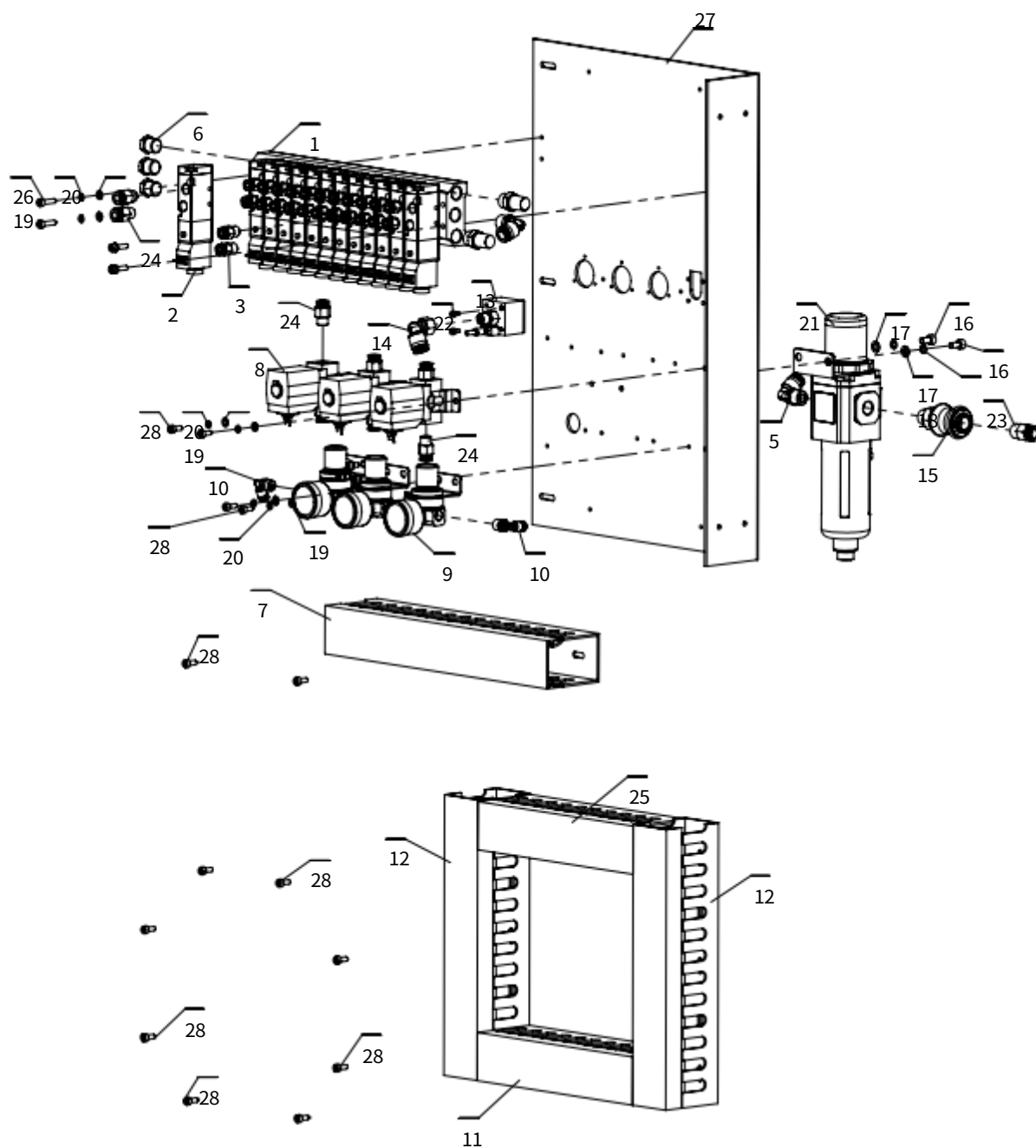
Rack
compon
ents



Rack

serial components number	figure horn (wind instrument)	Name name	NAMEOFPARTS	qua ntiti es
1	515.21-33-00	Rack components		1
2	30044313	Jointed shoe foot (caster adjustment block)		4
3	L08-P-956808-C	2.5" Universal with brake casters		4
4	01-708001425-3	Hexagon head screws without slots		16
5	05-081081553-5	Flat gasket		16
6	07-0812121-3	spring washer		16
7	30102159	1900 Knotting head		1
8	515.37-30	Nylon pad 1		2
9	515.37-31	Nylon pad 2		1
10	30005687	Flat gasket 6.5×2.0×20		4
11	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		14
12	01-506003024-3	Hexagon socket cheese head screws M6×30		4
13	30101112	Changrong ultrasonic box		1
14	515.24-12	Ultrasonic Front Mount 2		1
15	515.24-13	Ultrasonic Rear Mount 2		1
16	20106008	Second Generation Master Chassis		1
17	20005037	Solenoid Valve Mounting Assembly		1
18	515.27-91-00	Upper connection square tube		1
19	30102874	Monitor Stand		1
20	01-505003024-3	Hexagon socket cheese head screws M5×30		4
21	01-505001024-3	Hexagon socket cheese head screws M5×10		7
22	05-053061152-5	Flat shim 5.3 x 0.6 x 11.5		11
23	30102874	diamond screen		1

Electronic control mounting kit

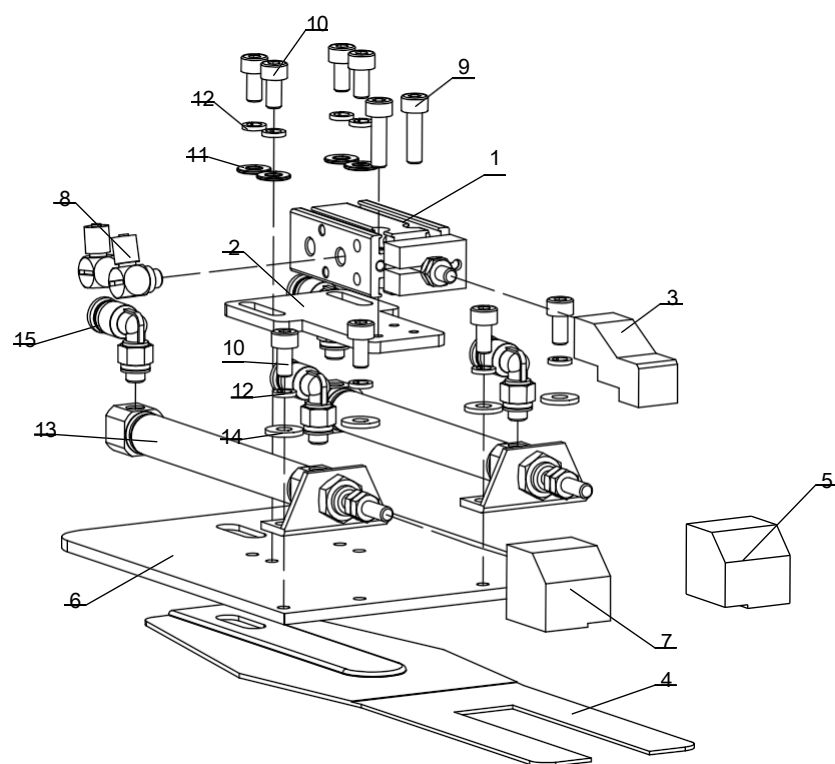


Electronic

serial number	figure (wind instrument)	Name	NAME OF PARTS	quantities
1	100M13F	Solenoid Valve Base		1
2	5V11006B	solenoids		13
3	PC401	pipe fitting		24
4	BSLM02	silencer		2
5	PL802	quick-change couplings		2
6	BZ02	Hexagonal plug		3
7	30042719	Over-wire channel (0.3 metres)		1
8	2W03006BI	[Pilot-operated solenoid valves		3
9	SDR100061	AT&T Regulators		3
10	PL401	L-Type Threaded 2-Way Fittings		6
11	30042719	Over-wire channel (0.21 metres)		1
12	30042719	Over-wire channel (0.26 metres)		2
13	DPSN1-10020	Digital Pressure Switch		1
14	PLF801	Female threaded elbow		1
15	30049904	Handslide valve HSV08		1
16	01-505001024-3	Hexagon socket cheese head screws M5 × 10		2
17	05-053101000-3	Flat washer 5.3 x 1 x 10		2
18	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		2
19	05-042030900-6	Flat washer 4.2 x 0.3 x 9		16
20	07-0421111-6	Flexible washer 4.2 x 1.1 x 1.1		16
21	GFR30008AFI	Pressure regulating filters AT&T		1
22	01-503000624-3	Hexagon socket cheese head screws M3 × 6		2
23	BPC802	pipe fitting		1
24	PC601	pipe fitting		8
25	30042719	Over-wire channel (0.21 metres)		1
26	01-504001624-3	Hexagon socket cheese head screws M4 × 16		4
27	515.42-01	Solenoid valve mounting plate		1
28	01-504001024-3	Hexagon socket cheese head screws M4 × 10		22

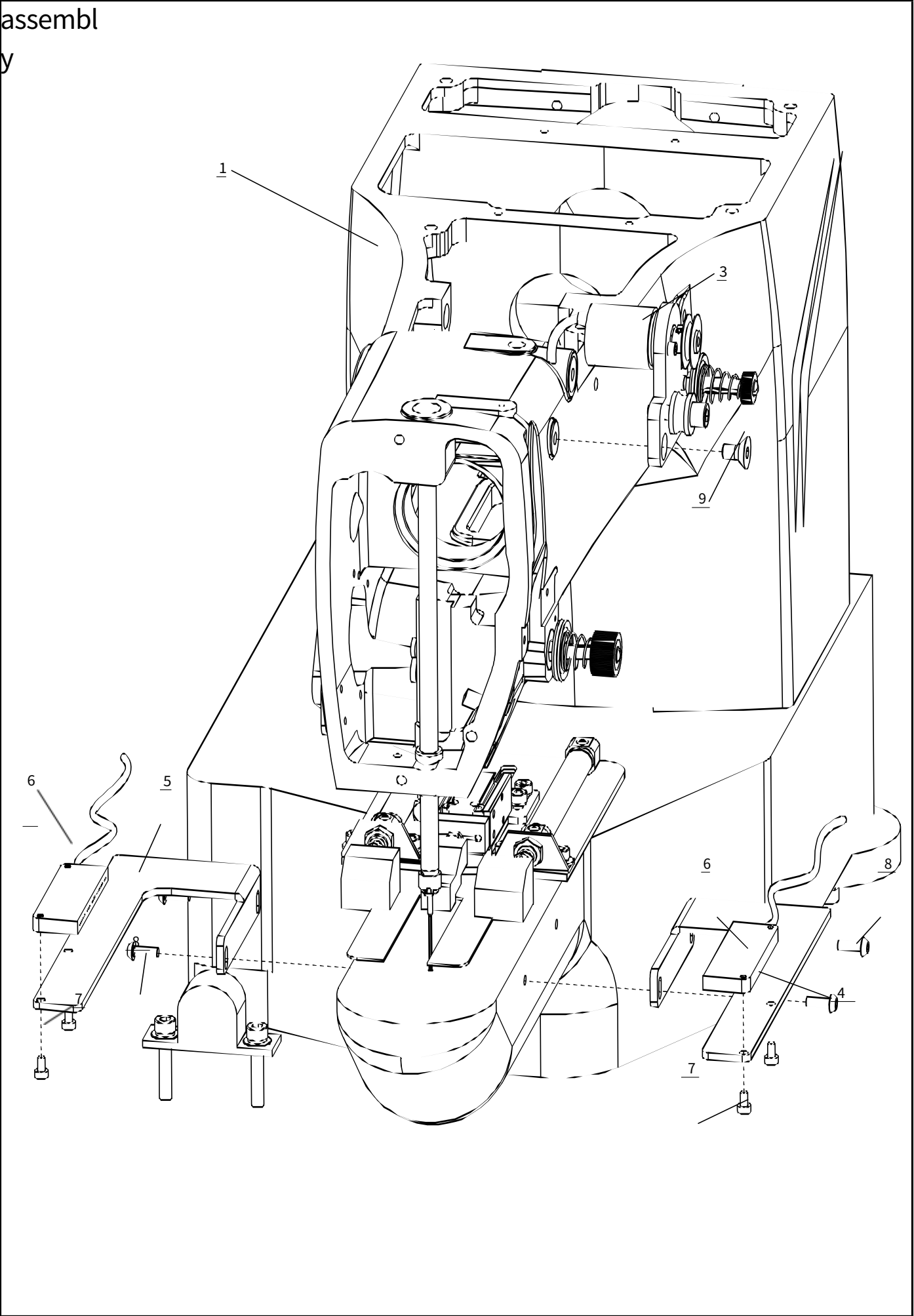
Electronic
control
mounting kit

Sewing Components



serial number	map	horn (wind instrument)	place (e.g. among winners)	steel yard	NAME OF PARTS	quantities
1	MK10×5		cylinder (engine)			1
2	515.32-07		Cylinder base plate			1
3	515.32-01		head block			1
4			bottom bracket			1
5	515.32-02		Left pusher block			1
6	515.32-04		Pusher Block			1
7	515.32-03		Right push block			1
8	72-M-5HL-4		metal elbow			2
9	01-504001424-3		Hexagon socket cheese head screws M4×14	6		2
10	01-504000824-3		Hexagon socket cheese head screws M4×8			8

head
assembl
y

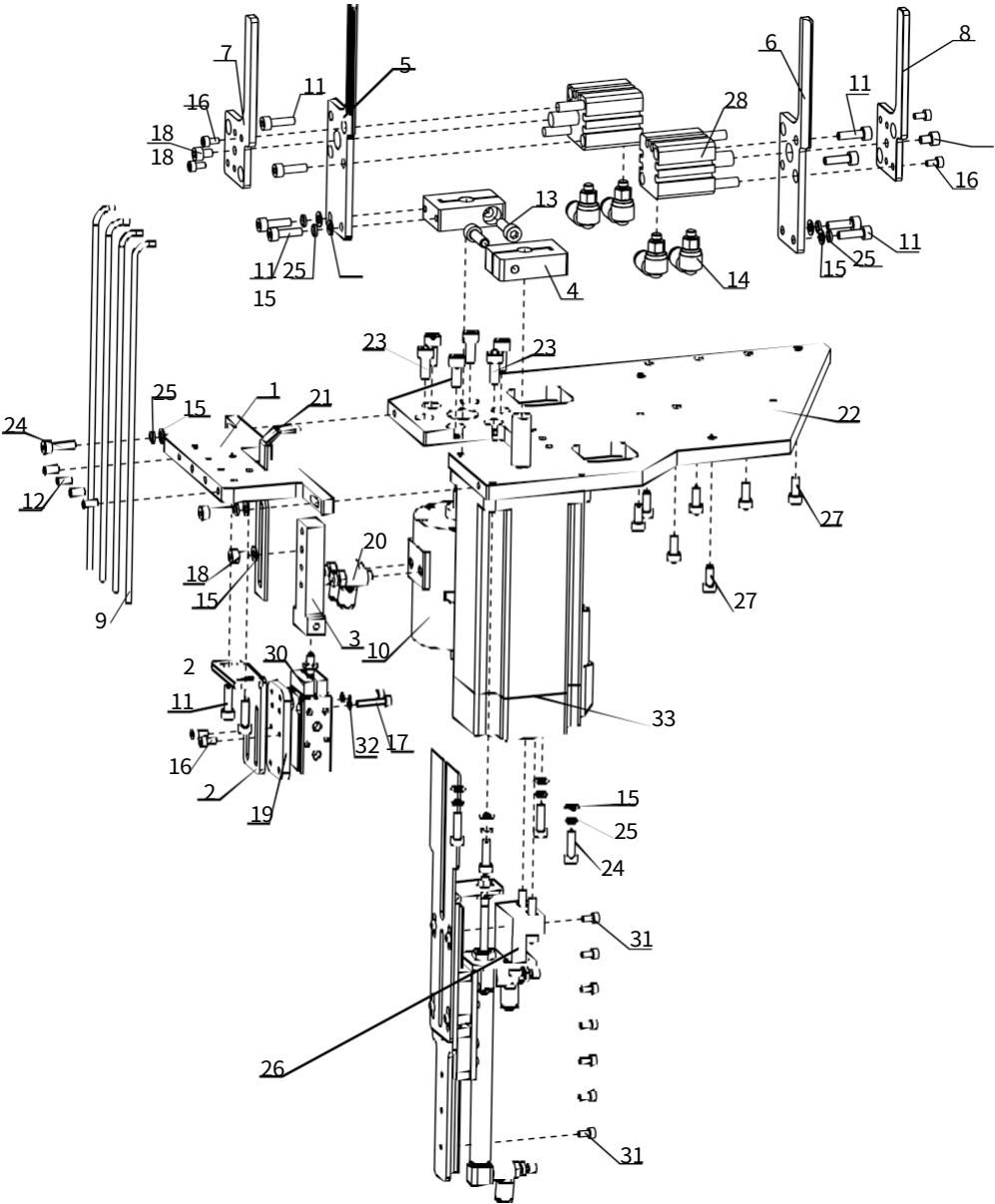


head

Serial number	Name	NAMEOFPARTS	
Figure No.	name		Q
1	30102159	1900 Overlock	U
2	20105719	machine head	A
3		K5D sewing	N
4	515.32-05	assembly New	TI
5	515.32-06	bottom thread	TY
6	30054272	detection part	1
7	01-503000624-3	Right	1
8	01-304001024-3	countershaft	1
9	01-106001024-3	frame	1
		Left counterbalance	1
		Alignment Sensor	4
		Hexagon socket cheese	4
		head screws M3×6	
		Hexagon socket flat	1
		round head screws	
		Hexagon socket	
		countersunk head	
		screws	

Clampin

g
Compon
ents



Clampin

serial number	figure horn (wind instrument)	Name name	NAMEOFPARTS	qua ntiti es
1	515.22-14	upper support		1
2	515.12-22	L-shaped support		1
3	515.12-23	Flat fabric connectors		1
4	515.12-28	Motor shaft block		2
5	515.22-71	Left fixed clamp (60mm)		1
6	515.22-72	Right fixed clamp (60mm)		1
7	515.22-73	Left Action Clip (60mm)		1
8	515.22-74	Right Action Clip (60mm)		1
9	515.22-50	blowpipe		4
10	30044113	Cylinder CRB2BWU30-180SZ		1
11	01-504001424-3	Hexagon socket cheese head screws M4×14		10
12	01-804000814-1	Hexagon socket set screws with concave end M4×8		4
13	01-505001624-3	Hexagon socket cheese head screws M5×16		2
14	PL4M5	pipe fitting		4
15	05-042030900-6	Flat washer 4.2 x 0.3 x 9		11
16	01-503000624-1	Hexagon socket cheese head screws M3×6		6
17	01-503001624-3	Hexagon socket cheese head screws M3×16		2
18	01-504000624-6	Hexagon socket cheese head screws M4×6		3
19	515.12-18	Adapter plate		1
20	30038908	PSL4M5A [speed control valve]		2
21	515.22-77	flatbed		1
22	515.22-75	adapter plate		1
23	01-505001224-3	Hexagon socket cheese head screws M5×12		6
24	01-504001424-3	Hexagon socket cheese head screws M4×14		6
25	07-0421111-6	Flexible washer 4.2 x 1.1 x 1.1		10
26		Gusset connection mechanism		1
27	01-504001024-3	Hexagon socket cheese head screws M4×10		7
28	30051639	TACQ16×15-SJ-3357A cylinder		2
29	30050801	Cylinder MK10×5		1
30	MK10×5	cylinder (engine)		1
31	01-503000624-3	Hexagon socket cheese head screws		7
32	07-0310808-3	Flexible washer 3.1×0.8×0.8		2
33	30101311 - -	60 stepper motor 60BYG-112- 4- 10J3- SH35 B1 001		1

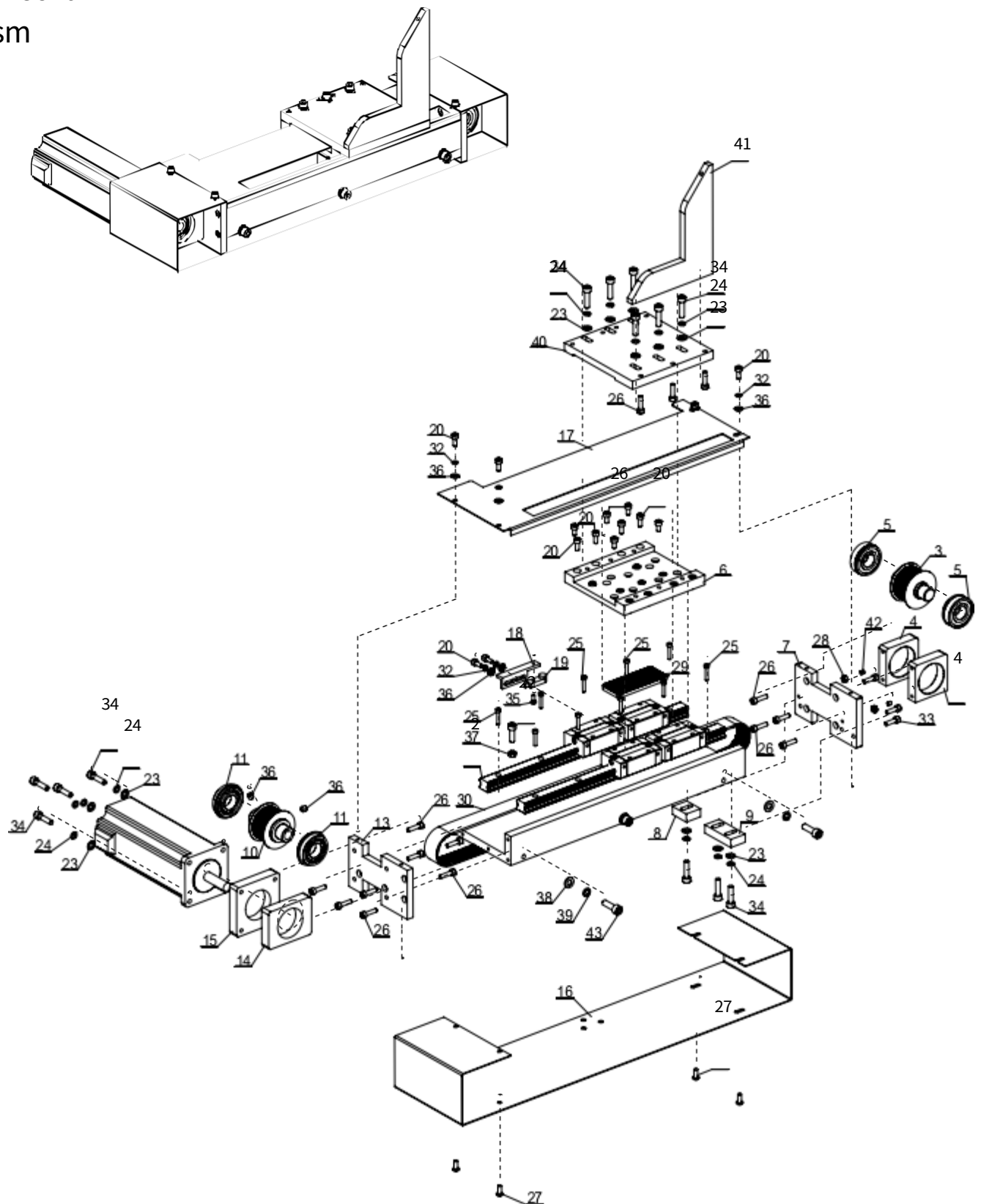
Clampin

g

Compon

ents

mechani
sm



push

serial number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quantities
1	515.22-33	Rail Mounting Plate		1
2	515.22-62-00	Feed Guide Assembly EGH15CA		2
3	515.12-08	Follower wheel (P40-HTD-3M)		1
4	515.22-39	Rear Bearing Seat		2
5	14-6202-2Z/1	bear		2
6	515.22-40	skateboarding		1
7	515.22-34	Guide rail left side plate		1
8	515.22-36	abutment		1
9	515.22-37	Top seat 2		1
10	515.12-07	Main wheel (P40-HTD-3M)		1
11	14-6003-2RZNR	bear		2
12	30047154	Stepper motor (60BYG-127 4 10J3)		1
13	515.22-49	Guide rail right side plate		1
14	515.22-42	Front Bearing Seat		1
15	515.22-35	Electric Motor Block		1
16	515.22-38B	backshell		1
17	515.22-43B	top plate		1
18	515.22-47	Sensor bracket		1
19	30028701	[Proximity Sensor] GX-F8A (Panasonic)		1
20	01-504001024-3	Hexagon socket cheese head screws M4×10		14
21	01-504000824-3	Hexagon socket cheese head screws M4×8		10
22	01-505001624-3	Hexagon socket cheese head screws M5×16		1
23	05-053101000-3	Flat washer 5.3 x 1 x 10		13
24	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		13
25	01-503001624-3	Hexagon socket cheese head screws M3×16		10
26	01-504001624-3	Hexagon socket cheese head screws M4×16		15
27	01-304001022-3	Hexagon socket recessed flat round head screws M4×10		4
28	03-604000300-6	Hexagonal nut M4×3.2		2
29	515.22-48	Synchronous Belt Lower Plate		1
30	515.12-09	Feeding synchronous belt (HTD-3M)		1
31	05-043080900-3	Flat gasket 4.3×0.8×9		6
32	07-0421111-6	Spring pad 4.2 x 1.1 x 1.1		6
33	01-504001424-3	Hexagon socket cheese head screws M4×14		3
34	01-505002024-3	Hexagon socket cheese head screws M5×20		13
35	01-303000822-3	Cross recessed round head screws M3×8		1
36	01-806000614-1	Hexagon socket set screws M6×6		2
37	03-605000400-1	Hexagonal nut M5×4		1
38	05-065101300-3	Flat washer 6.5 x 1.0 x 1.3		3
39	07-0631616-6	Flexible washer 6.3 x 1.6 x 1.6		3
40	515.22-44	adjusting block		1

push

mechan

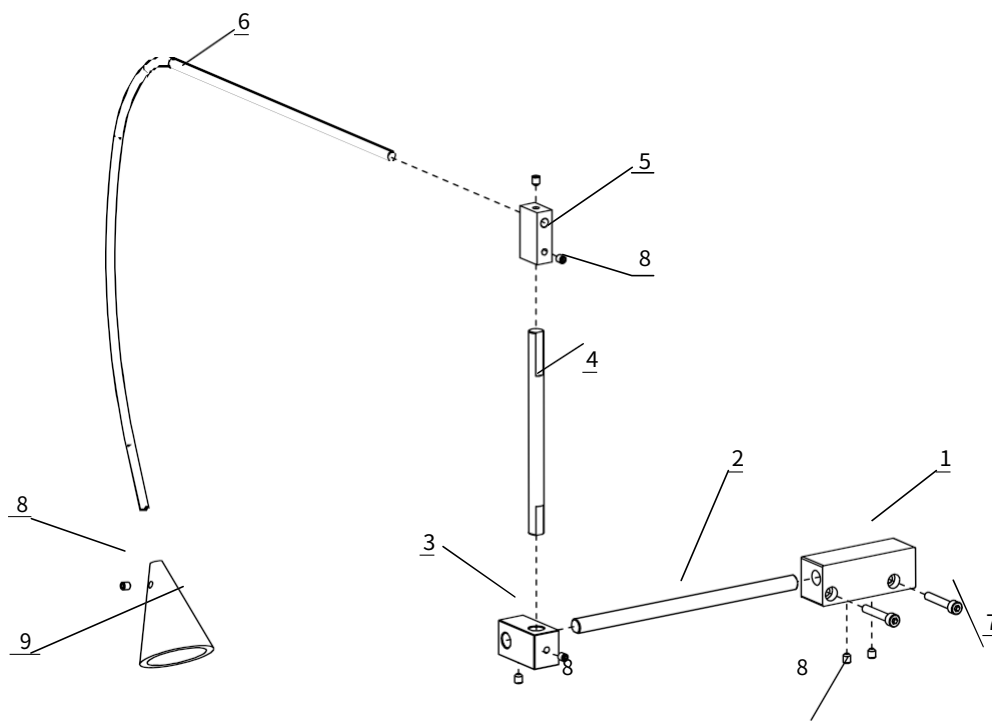
sm

41	515-22-08	Reinforcement 1		1
42	01-804000414-1	Hexagon socket set screws with concave end M4×4		2
43	01-506002024-3	Hexagon socket cheese head screws M6×20		3
44	01-805001224-6	Hexagon socket set screws with flat point		4

--	--	--	--	--

Take-up

shaft
assembly



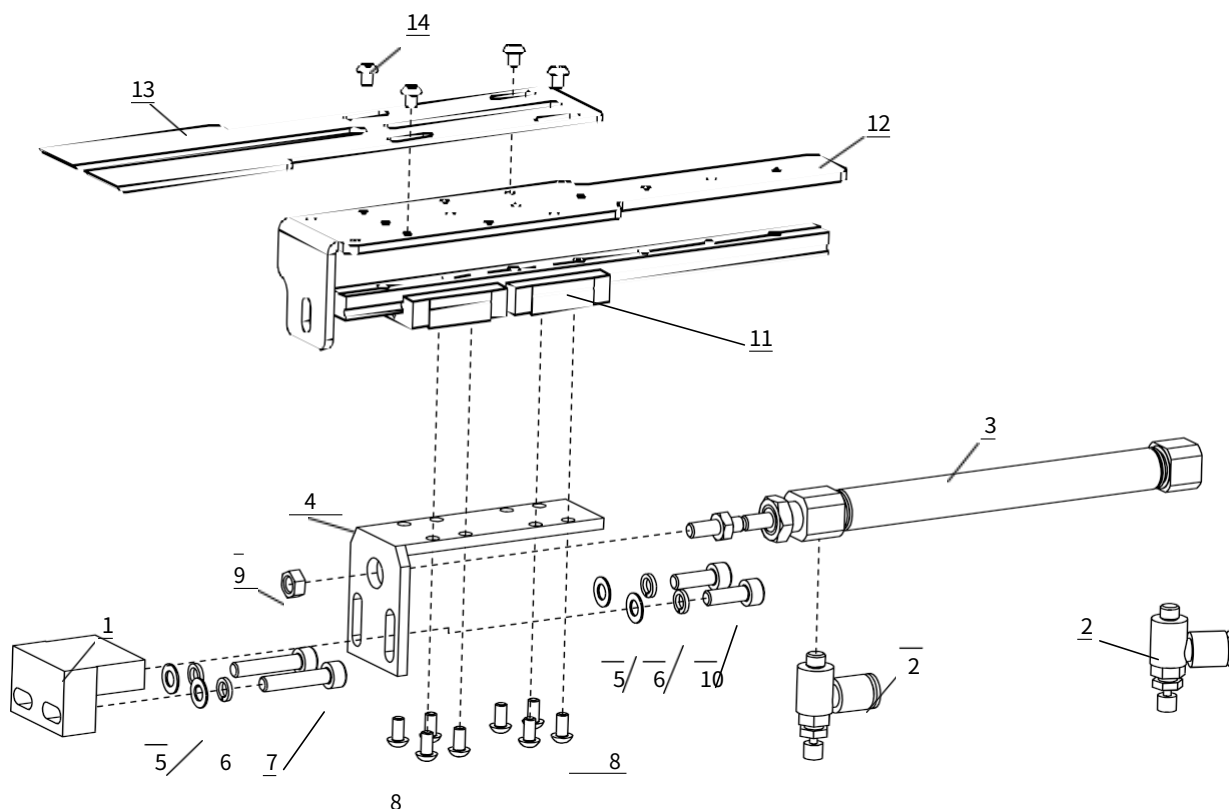
serial number	seek	horn (wind instrument)	place (e.g. among winners)	steel yard	NAME OF PARTS	quantities
1	515.22-61		Receiver bar mounts			1
2	515.22-19		Receiving adapter			1
3	515.12-35		Take-up bar lower seat			1
4	515.22-18		Take-up lever			1

Take-up

5	515.22-20	Receiver bar upper mount	1
6	515.22-17	Belt feed and take-up shafts	1
7	01-805003024-3	Hexagon socket cheese head screws M5×30	2
8	01-805000614-1	Hexagon socket set screws with concave end M5×6	7
9	515.22-16	Receiving overcone	1

Gusset

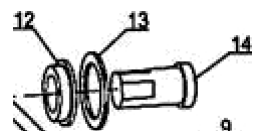
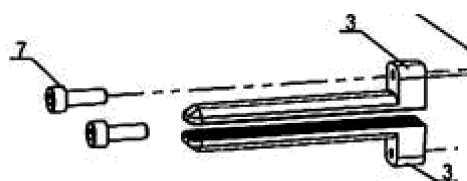
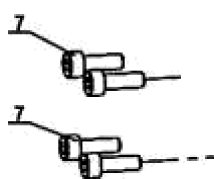
connection mechanism



serial number	seek	horn (wind instrument)	place (e.g. among winners)	steel yard	NAME OF PARTS	quantities
1	515.22-78		Under slider support			1
2	30038908		PSL4M5A [speed control valve]			2
3	PB10×75U		cylinder (engine)			1
4	515.22-31		cylinder seat			1
5	05-042030900-6		Flat washer 4.2 x 0.3 x 9			4
6	07-0421111-6		Flexible washer 4.2 x 1.1 x 1.1			4
7	01-504002024-3		Hexagon socket cheese head screws M4×20			2

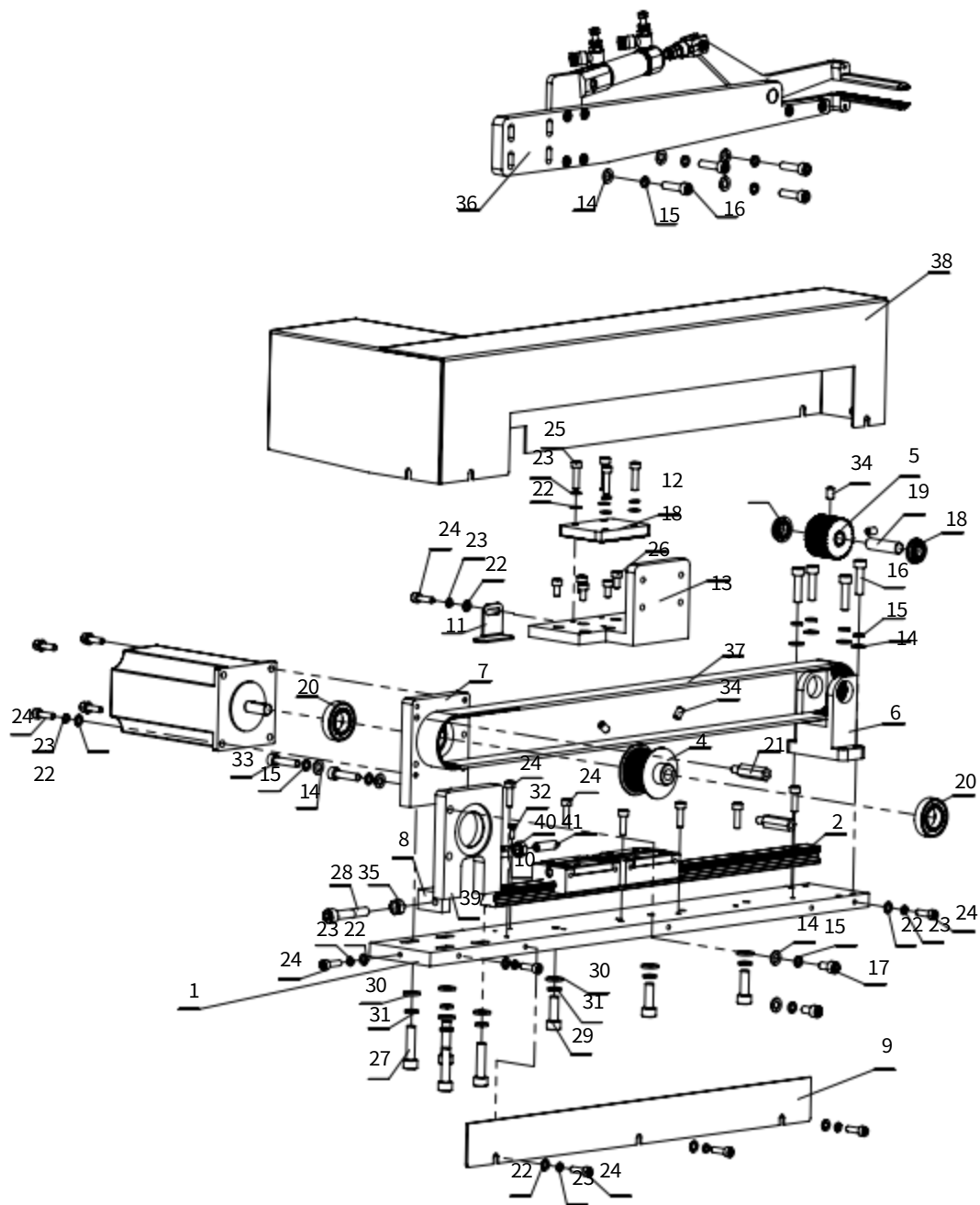
Gusset

8	01-303000624-6	Hexagon socket cheese head screws M3×6		8
9	03-601000503-4	Hexagonal nut (anti-loosening) M4×5		1
10	01-504001224-3	Hexagon socket cheese head screws M4×10		2
11	515.22-32-00	Feed Guide Assembly		1
12	515.22-79	Clamping plate		1
13	515.22-76	spar		1
14	01-303000424-3	Flat round head hexagon socket screws M3×4		4



序号	图 号	名 称	NAME OF PARTS	IBt
1 1	515.23-1D	定夹连接板		1 1
1 2	515.23-28	下定夹		1 1
3	515.13-26	上夹片(60mm)		1 2
4	515.13-00	拉料气缸座		1 1
1 5	PB16x15CB	气缸		1 1
1 6	F-PB12Y	接头		1 1
1 7	01-504001224-3	内六角圆柱头螺钉 M4×12		1 6
1 8	PSL4M5A	调速阀		1 2
1 e	01-503001224-3	内六角圆柱头螺钉M3×12		4 1
*0	01/E04000414-1	内六角槽无帽凹端螺钉M4x4		1 2
1 J	515.23-11	上动夹		1 1
1 12	F6700ZZ	轴承		1 2
1 13	515.23-28	不锈钢碟形垫圈 (15×21×1)		1 1
1 14	515.23-21	轴位螺钉		1 1

Drawing Compon ents



Drawing

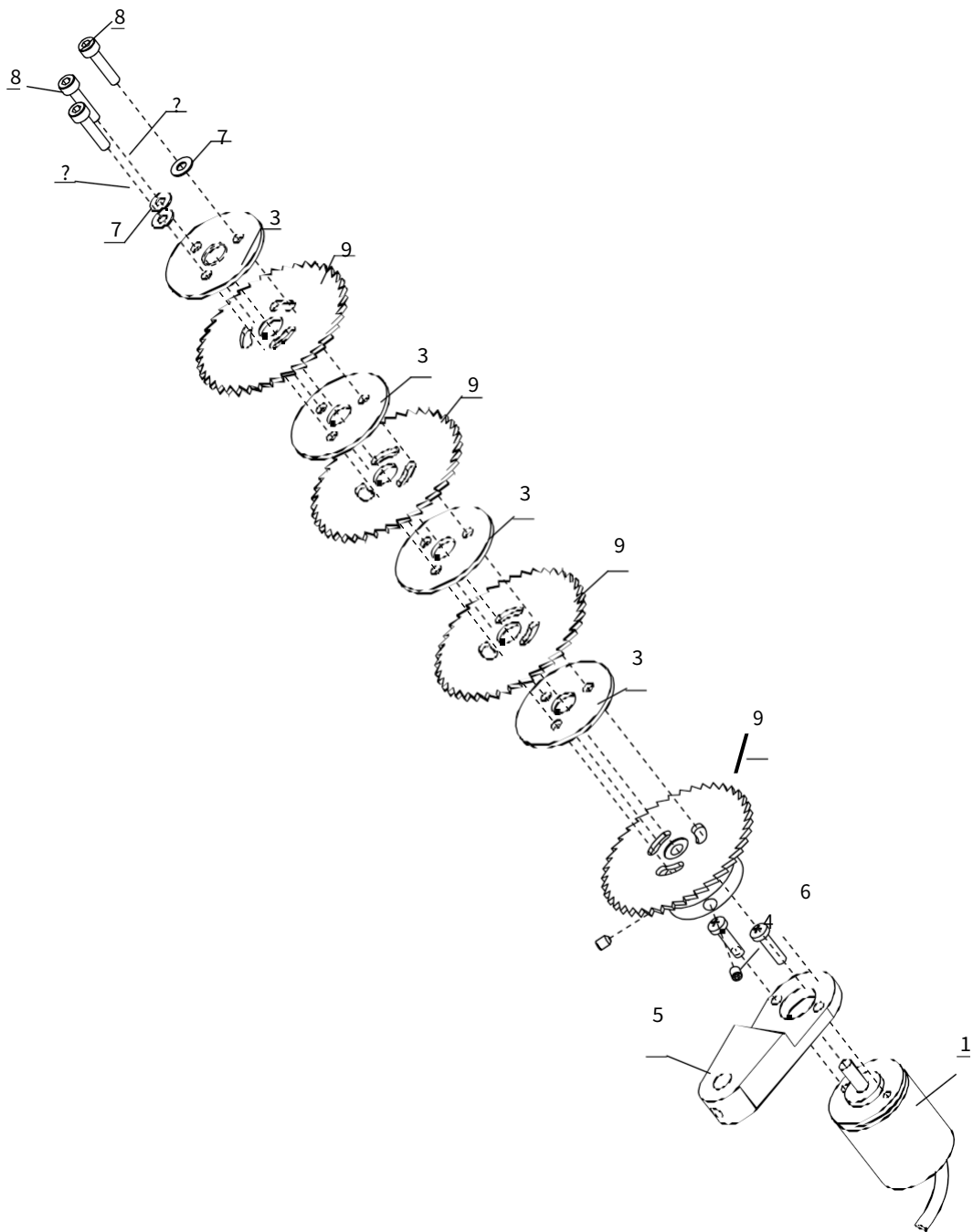
Component serial number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quantities
1	515.23-20	Pulling guide top plate		1
2	515.13-21-00	Pulling guide assemblies		1
3	30045579	60 closed-loop stepper motors		1
4	515.23-26	Active pulling pulley		1
5	515.23-23	Slave puller pulley		1
6	515.23-22	Drawing guide connector		1
7	515.13-18	Motor locking block		1
8	515.13-16	Pulling motor connecting block		1
9	515.13-06B	Drawing side panels		1
10	30054271	Proximity Sensor] TEN12-04NO		1
11	515.13-15	Pulling sensors		1
12	515.23-25	Pull Belt Synchronous Belt Platen		1
13	515.23-24	Guideway seat		1
14	05-053101000-3	Flat washer 5.3 x 1 x 10		12
15	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		12
16	01-505002024-3	Hexagon socket cheese head screws M5×20		8
17	01-505001024-3	Hexagon socket cheese head screws M5×10		2
19	515.13-12	Pulling follower shaft		1
20	14-6902-2Z	Deep groove ball bearings 6902-2Z		2
21	515.23-27	Tension band motor strut		2
22	05-042030900-6	Flat washer 4.2 x 0.3 x 9		17
23	07-0421111-6	Flexible washer 4.2 x 1.1 x 1.1		17
24	01-504001424-3	Hexagon socket cheese head screws M4×14		19
25	01-504001624-3	Hexagon socket cheese head screws M4×16		4
26	01-504000824-3	Hexagon socket cheese head screws M4×8		8
27	01-506002524-3	Hexagon socket cheese head screws M6×25		4
28	01-506003524-3	Hexagon socket cheese head screws M6×35		1
29	01-506001824-3	Hexagon socket cheese head screws M6×18		3
30	05-065101300-3	Flat washer 6.5 x 1.0 x 1.3		7
31	07-0631616-6	Flexible washer 6.3 x 1.6 x 1.6		7
32	01-403000822-6	Cross recessed round head screws M3×8		1
33	01-505002224-3	Hexagon socket cheese head screws M5×22		2
34	01-805000814-1	Hexagon socket set screws with concave end M5×8		4
35	03-606000500-6	Hexagon nuts M6		1
36		Puller Clamp Assembly		1
37	515.12-09	Feeder synchronous belt (HTD-3M)		1
38	515.23-19-00B	tensioning shell		1
39	515.13-31	Motor locking block 2		1

Drawing

40	03-606000500-6	hexagonal nut	1
41	515.23-30	limit screw	1

ents

Encoder
counting unit

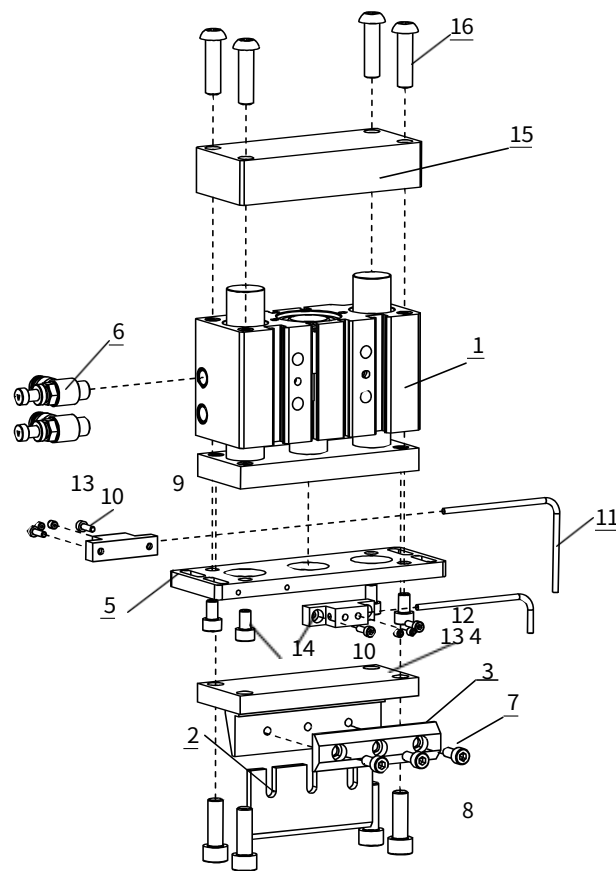


serial number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quantities
1	30015930	OMRON Compact Encoders		1
2	515.15-56	Encoder counting shaft		1
3	515.15-57	Encoder gauge platen		4
4	01-803000414-1	Hexagon socket set screws with concave end M3×4		2
5	515.25-04	Encoder gauge plate		1
6	01-403001222-6	Cross recessed flat round head screws M3×12		2

Encoder

7	05-032050700-4	Flat washer 3.2×0.5×7	3
8	01-563001424-3	Hexagon socket cheese head screws M3×14	3
9	515.15-58	Encoder counting rotor	4

Three-rod cylinder cutter assembly

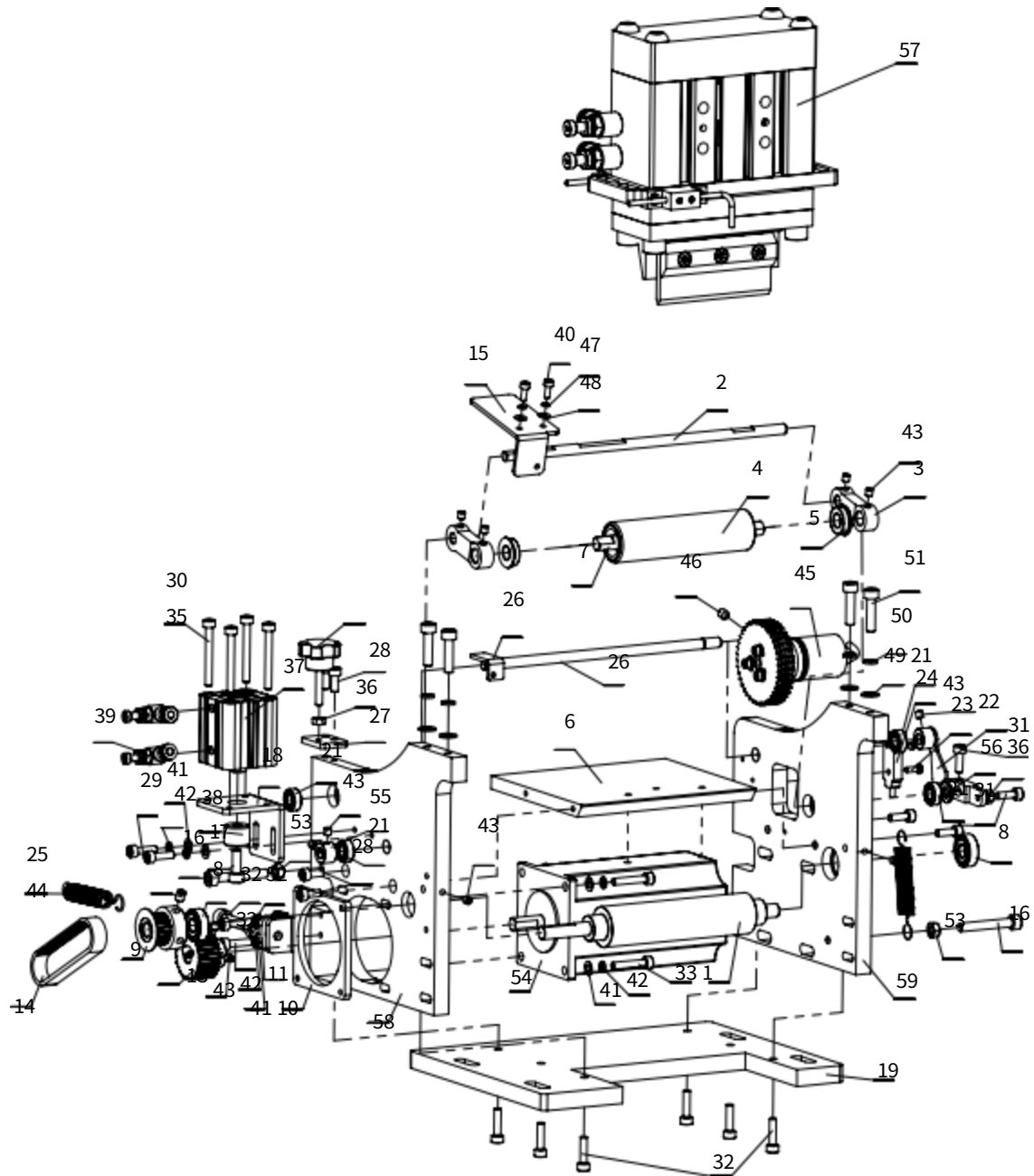


serial number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quantities
1	TCL32×25S	cylinder (engine)		1
2	515.25-74	Cutter 3		1
3	515.25-52	cleat		1
4	515.34-02	saddle		1
5	515.34-01	Cutter Cylinder Block A		1
6	PSL601A	speed control valve		2
7	01-505001224-3	Hexagon socket cheese head screws M5×12		3
8	01-508002524-3	Hexagon socket cheese head screws M8×25		4
9	515.25-51	Blowpipe Holder		2
10	01-503001024-3	Hexagon socket cheese head screws M3×10		4
11	515.25-47	blowpipe		1

Three-rod

12	515.25-47	blowpipe		1
13	01-804000414-1	Hexagon socket set screws with concave end M4×4		4
14	01-506001024-3	Hexagon socket cheese head screws M6×10		4
15	515.37-28	Cutter Cylinder Cover		1
16	01-308003024-6	Hexagon socket cheese head screws		4

gauge
compon
ent



gauge

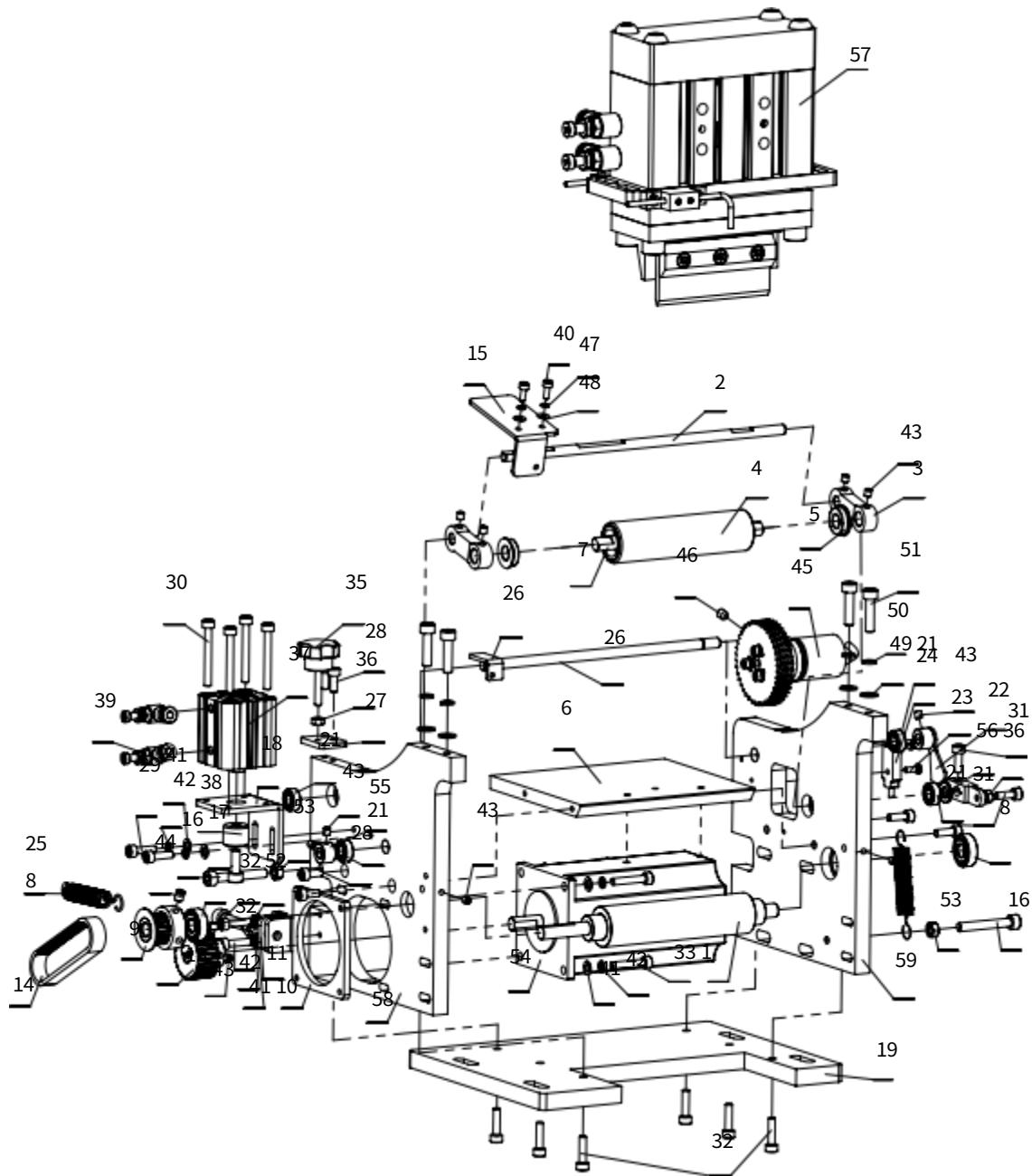
serial component number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quantities
1	515.25-18	driving wheel		1
2	515.25-07	Upper shaft of driven wheel		1
3	515.25-06	Follower Wheel Spacer		2
4	515.25-17	driven wheel		1
5	14-F688-2Z	Bearing F688		2
6	515.25-01	centre support plate		1
7	515.25-08	output shaft		1
8	14-698-2Z	Bearing 8×19×6		2
9	515.15-18	Main wheel (P20-HTD-3M)		1
10	515.25-32	Motor connection plate		1
11	515.15-21	tensioning plate		1
12	01-506002524-3	Hexagon socket cheese head screws M6×25		1
13	515.25-33	Follower wheel (P30-HTD-3M)		1
14	515.15-19	Synchronous belt (192-3M)		1
15	515.15-12	Tension spring movable seat		1
16	01-505003524-3	Hexagon socket cheese head screws M5×35		2
17	01-505001424-3	Hexagon socket cheese head screws M5×14		1
18	515.15-11	Cylinder bracket		1
19	515.35-03	Master Base Plate		1
20	515.25-12	gauge pulley block		1
21	14-628/6-2Z	Bearing 6×13×5		4
22	515.15-14	over-stemming sensor		1
23	01-303000822-3	Cross recessed round head screws M3×8		1
24	30032043	Proximity Switch Panasonic GX-F12A		1
25	2101.13-05	tension spring		1
26	515.25-19-00	Lever Tab Assemblies		1
27	515.15-68	spar		1
28	01-504001024-3	Hexagon socket cheese head screws M4×10		4
29	01-504001424-3	Hexagon socket cheese head screws M4×14		2
30	01-504003524-3	Hexagon socket cheese head screws M4×35		4
31	01-504001224-3	Hexagon socket cheese head screws M4×10		4
32	01-504001624-3	Hexagon socket cheese head screws M4×16		8
33	01-504002224-3	Hexagon socket cheese head screws M4×22		4
34	30052901	[Stainless steel tension spring] 0.5×8×45		1
35	30048387	Star Knob M4-12		1
36	03-604000300-6	Hexagonal nut M4×3.2		2
37	ACQ20×20	cylinder (engine)		1
38	515.15-23	Cylinder top block		1
39	PSL4M5A	speed control valve		2
40	01-503000824-3	Hexagon socket cheese head		2

gauge

41	05-042030900-6	Flat washer 4.2 x 0.3 x 9	8
42	07-04211111-6	Flexible washer 4.2 x 1.1 x 1.1	8
43	01-804000414-1	Hexagon socket set screws with concave end M4×4	12
44	01-805000614-1	Hexagon socket set screws with concave end M5×6	2

--	--	--	--

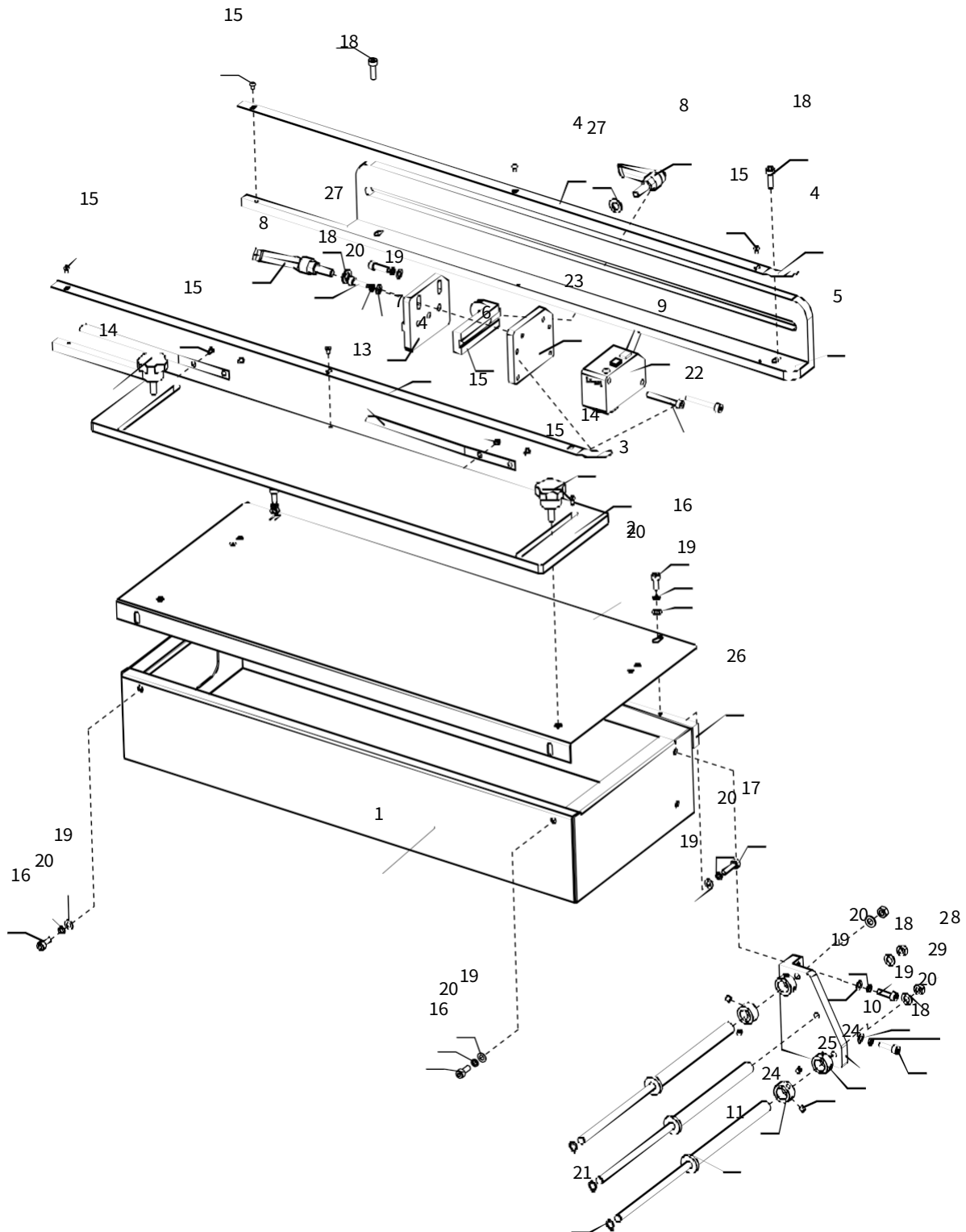
gauge
compon
ent



gauge

Component number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quantities
45	SR-E 6 A 2 - CWZ5C500P/R	Encoder counting unit		1
46	01-805000614-1	Hexagon socket set screws with concave end M5×6		1
47	07-0310808-3	Flexible washer 3.1×0.8×0.8		2
48	05-032050700-4	Flat washer 3.2×0.5×7		2
49	05-053101000-3	Flat washer 5.3 x 1 x 10		4
50	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		4
51	01-505002024-3	Hexagon socket cheese head screws M5×20		4
52	03-606000500-6	Hexagon nuts M6		1
53	03-605000500-4	Hexagon nuts M5		2
54	30045579	60 closed-loop stepper motors		1
55	515.15-44	retaining ring		1
56	05-064161200-6	Flat gasket 6.4×1.6×12		1
57		Three-bar cutter unit		1
58	515.35-01	Left side panel		1
59	515.35-02	Right Side Riser		1

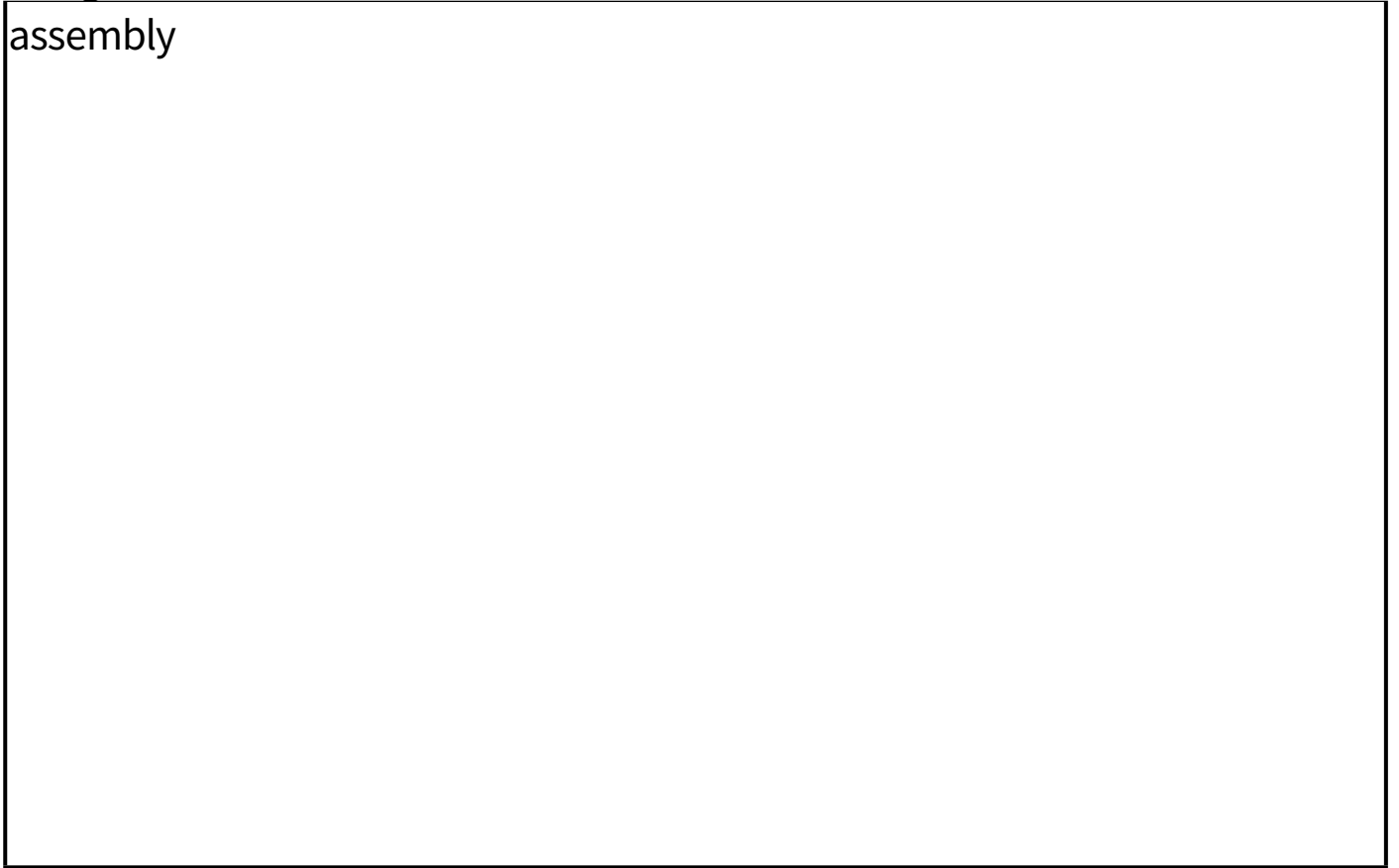
Gauge box assembly



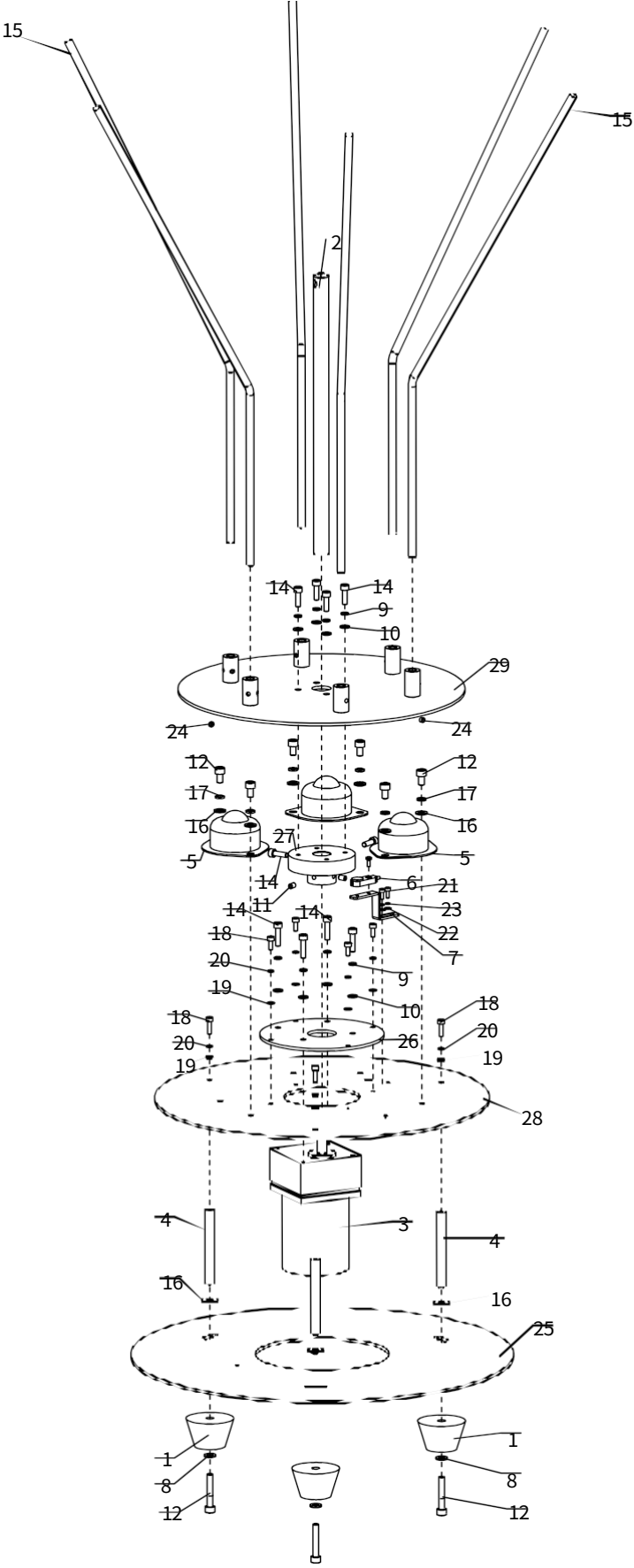
Gauge box

serial assembly number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quan tities
1	515.25-27B	Main support housing		1
2	515.25-22	Stainless Steel Panel		1
3	515.25-26	Right belt plate		1
4	515.25-29	Left Belt Plate Platen		2
5	515.25-28	Left belt plate		1
6	515.25-21	LOG Identifier Holder Adjustment Plate		1
7	515.25-20	LOG Identifier Holder		1
8	30048380	Adjustable position handle screw M6×15		2
9	30057399	LX-101 with digital display		1
10	515.25-25	pulley block		1
11	515.25-24	Overtake pulley shaft		3
12	515.25-23	pulley		3
13	515.15-50-07	Spring Retainer		2
14	30045774	Star Knob M5-16		2
15	01-303000424-3	Hexagon socket cheese head screws M3×4		10
16	01-504001024-3	Hexagon socket cheese head screws M4×10		4
17	01-504001624-3	Hexagon socket cheese head screws M4×16		2
18	01-504001424-3	Hexagon socket cheese head screws M4×14		6
19	05-042030900-6	Flat washer 4.2 x 0.3 x 9		10
20	07-0421111-6	Flexible washer 4.2 x 1.1 x 1.1		10
21	10-0560612-1	Spring retaining ring for shaft 5.6×0.6×1.2		3
22	01-504003024-3	Hexagon socket cheese head screws M4×30		2
23	515.25-45	adjustable plate		1
24	515.25-50	limit switch		4
25	01-804000414-1	Hexagon socket set screws with concave end M4×4		8
26	515.25-54	Adjustable Platen		1
27	05-064161200-6	Flat gasket 6.4×1.6×12		2
28	03-605000500-4	Hexagon nuts M5		3
29	05-053101000-3	Flat washer 5.3 x 1 x 10		3

Gauge box
assembly



Take-up
mechani
sm

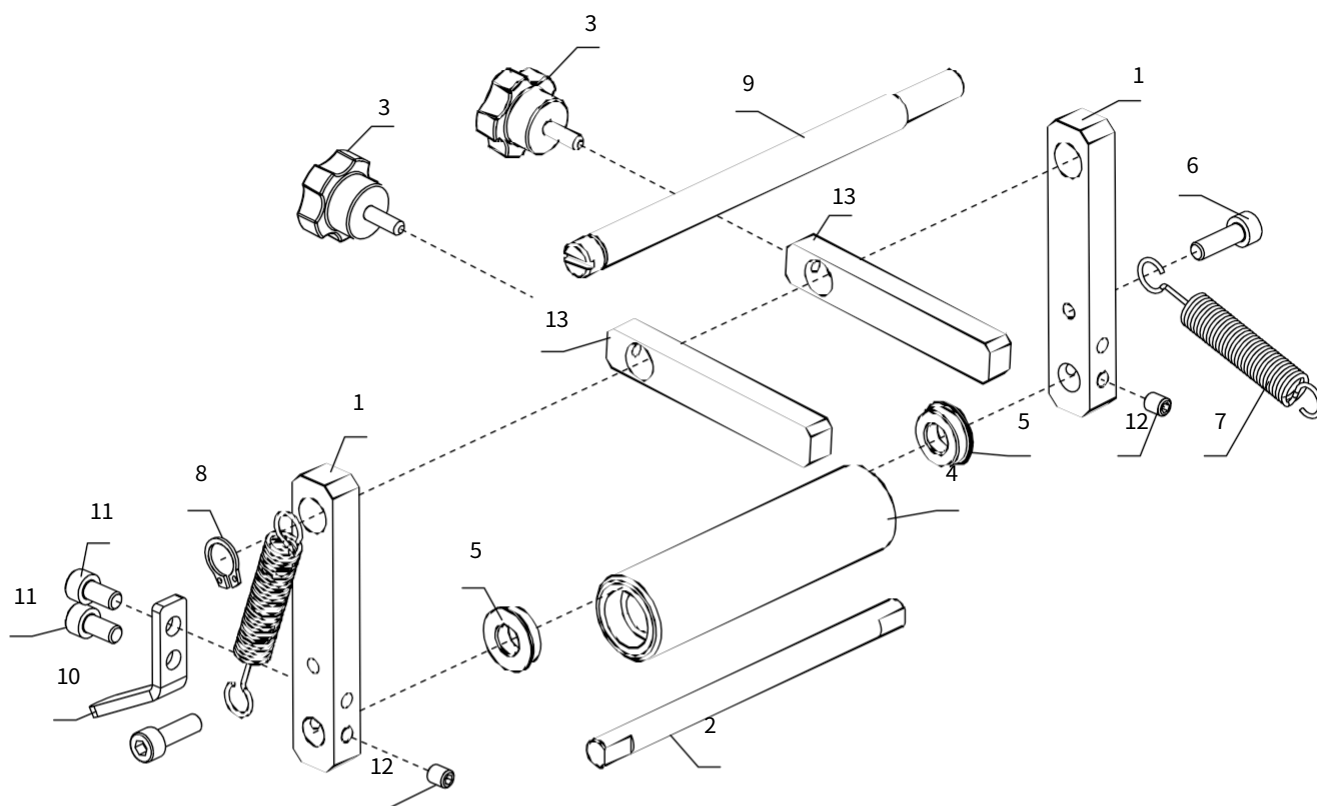


Take-up

serial number	figure (wind instrument)	Name	NAME OF PARTS	quantities
1	30045137	Rubber feet(50×32×30)		3
2	515.26-07	axis of rotation		1
3	MO-3IK15GN-C	Single asynchronous motor with damping (Eurobond)		1
4	515.26-04	Receiving base column		3
5	30045133	Steel ball universal wheel CY-30A		3
6	30032043	Proximity Switch Panasonic GX- F12A		1
7	515.16-15	Receiver sensor mounting bracket		1
8	05-065101300-3	Flat washer 6.5 x 1.0 x 1.3		3
9	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		8
10	05-053101000-3	Flat washer 5.3 x 1 x 10		8
11	01-805000814-1	Hexagon socket set screws with concave end M5×8		2
12	01-506003524-3	Hexagon socket cheese head screws M6×35		9
13	01-303000822-3	Cross recessed round head screws M3×8		1
14	01-505001624-3	Hexagon socket cheese head screws M5×16		10
15	515.16-05	take-up reel		6
16	05-062141703-5	Flat gasket 6.2×1.4×17		9
17	07-0631616-6	Flexible washer 6.3 x 1.6 x 1.6		6
18	01-504001024-3	Hexagon socket cheese head screws M4×10		7
19	05-042030900-6	Flat washer 4.2 x 0.3 x 9		7
20	07-0421111-6	Flexible washer 4.2 x 1.1 x 1.1		7
21	01-503000824-3	Hexagon socket cheese head screws M3×8		2
22	05-032050700-4	Flat washer 3.2×0.5×7		2
23	07-0310808-3	Flexible washer 3.1×0.8×0.8		2
24	01-805000414-1	Hexagon socket set screws with concave end M5×4		12
25	515.26-09B	Receiving base		1
26	515.26-08B	Motor fixing flange		1
27	515.26-12	Motor shaft flange 1		1
28	515.26-10B	Receiving base 2		1
29	515.26-11-00B	Swivelling Base Plate Assembly		1

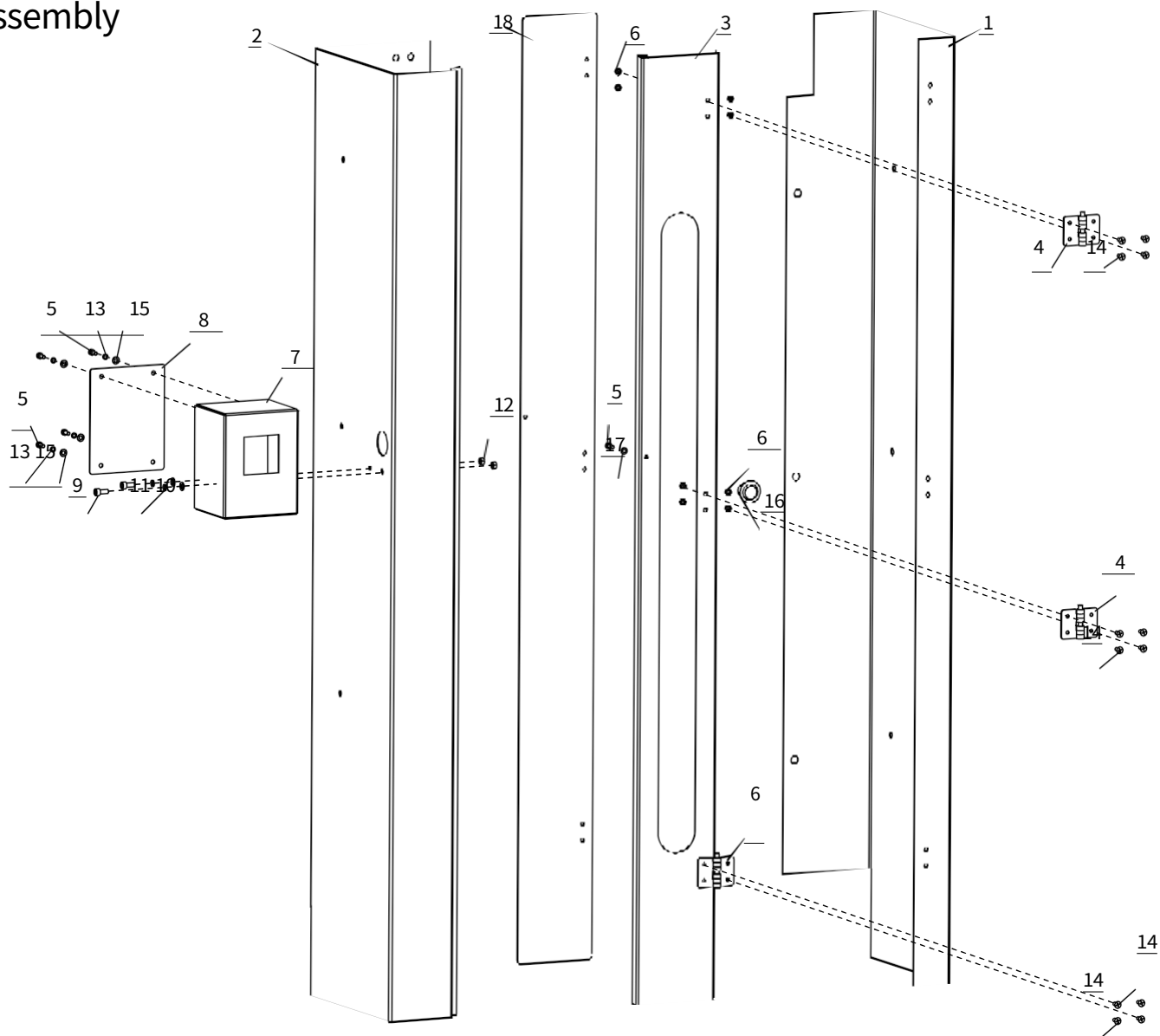
Take-up
mechani
sm

Follower wheel assembly (with ironing)



Serial number OF PARTS	Figure QUANTITY	No.	NAME OF PARTS	NAME
2	1515.27-37		Follower Wheel Bracket	2
2	515.27-39		output shaft	1
3	30048387		Star Knob M4-12	2
4	515.25-17		Rubber-coated driven wheels	1
5	14-F688-2Z		Bearing F688	2
6	01-505001624-3		Hexagon socket cheese head screws M5×16	2
7	2101.13-05		tension spring	2
8	10-0931015-1		Spring retaining ring for shaft 9.3×1×1.5	1
9	515.27-46		Follower spindle 2	1
10	515.27-71		spanners	1
11	01-505001024-3		Hexagon socket cheese head screws M5×10	2
12	01-805000614-1		Hexagon socket set screws with concave end M5×6	2
13	515.27-74		Follower wheel locating lever	2

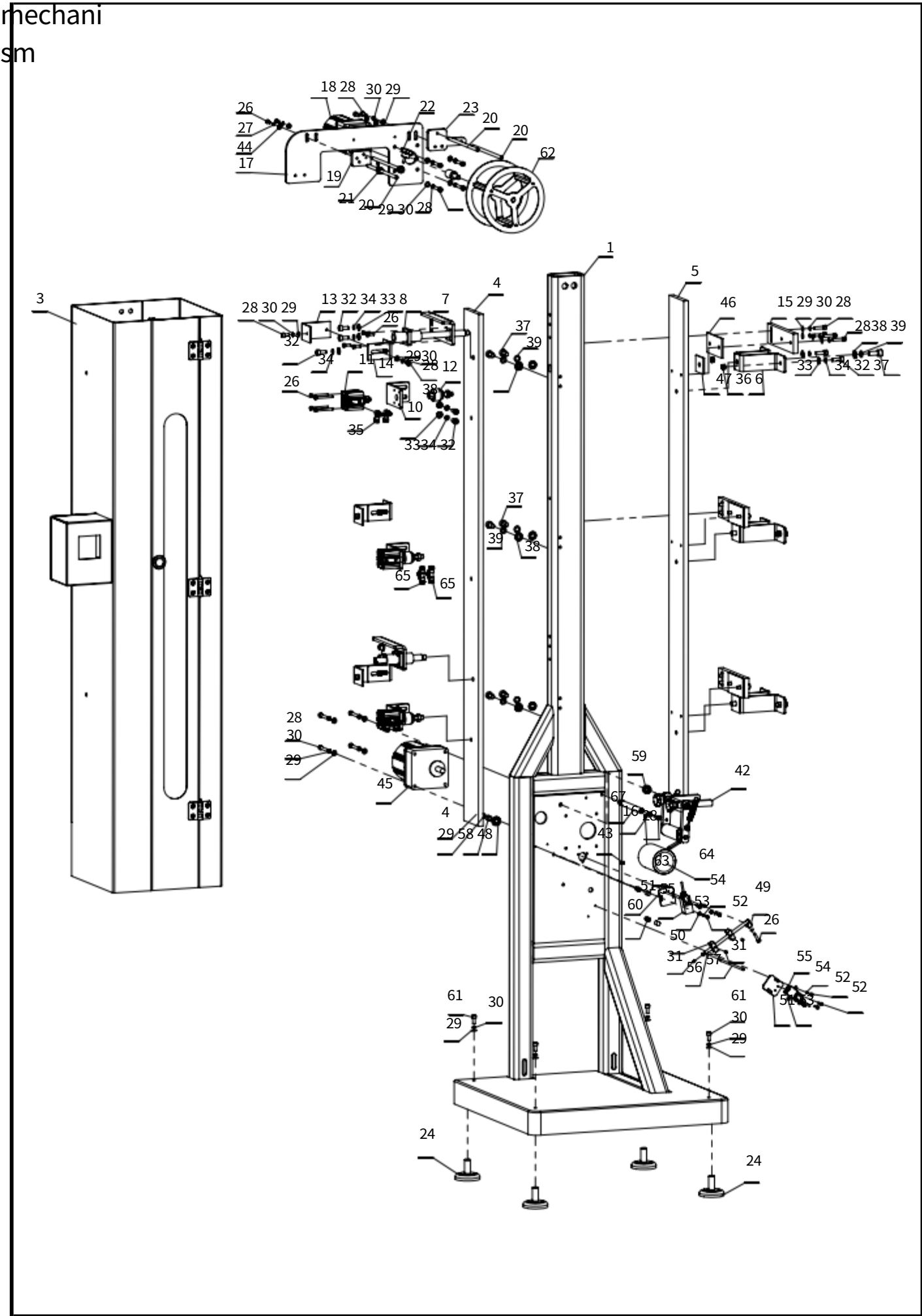
housing assembly



serial number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quantities
1	515.27-02B	Left side cover plate		1
2	515.27-03B	Right side cover plate		1
3	515.27-04B	Intermediate cover plate		1
4	30009828	【304 stainless steel hinge】 48×36		3
5	01-504001024-3	Hexagon socket cheese head screws M4×10		5
6	03-604000300-6	Hexagonal nut M4×3.2		12
7	515.27-51B	Temperature control box		1
8	515.27-52B	Temperature control box cover		1
9	01-505001224-3	Hexagon socket cheese head screws M5×12		2
10	05-053101000-3	Flat washer 5.3 x 1 x 10		2
11	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		2
12	03-605000500-4	Hexagon nuts M5		2
13	07-0421111-6	Flexible washer 4.2 x 1.1 x 1.1		4

housing

14	01-104001022-4	Cross recessed countersunk head screws M4×10		12
15	05-043080900-3	Flat gasket 4.3×0.8×9		4
16	30057360	Round Cabinet Door Handle (Upsize 20)		1
17	05-042030900-6	Flat washer 4.2 x 0.3 x 9		1
18	515.27-56	Transparent cover plate		1

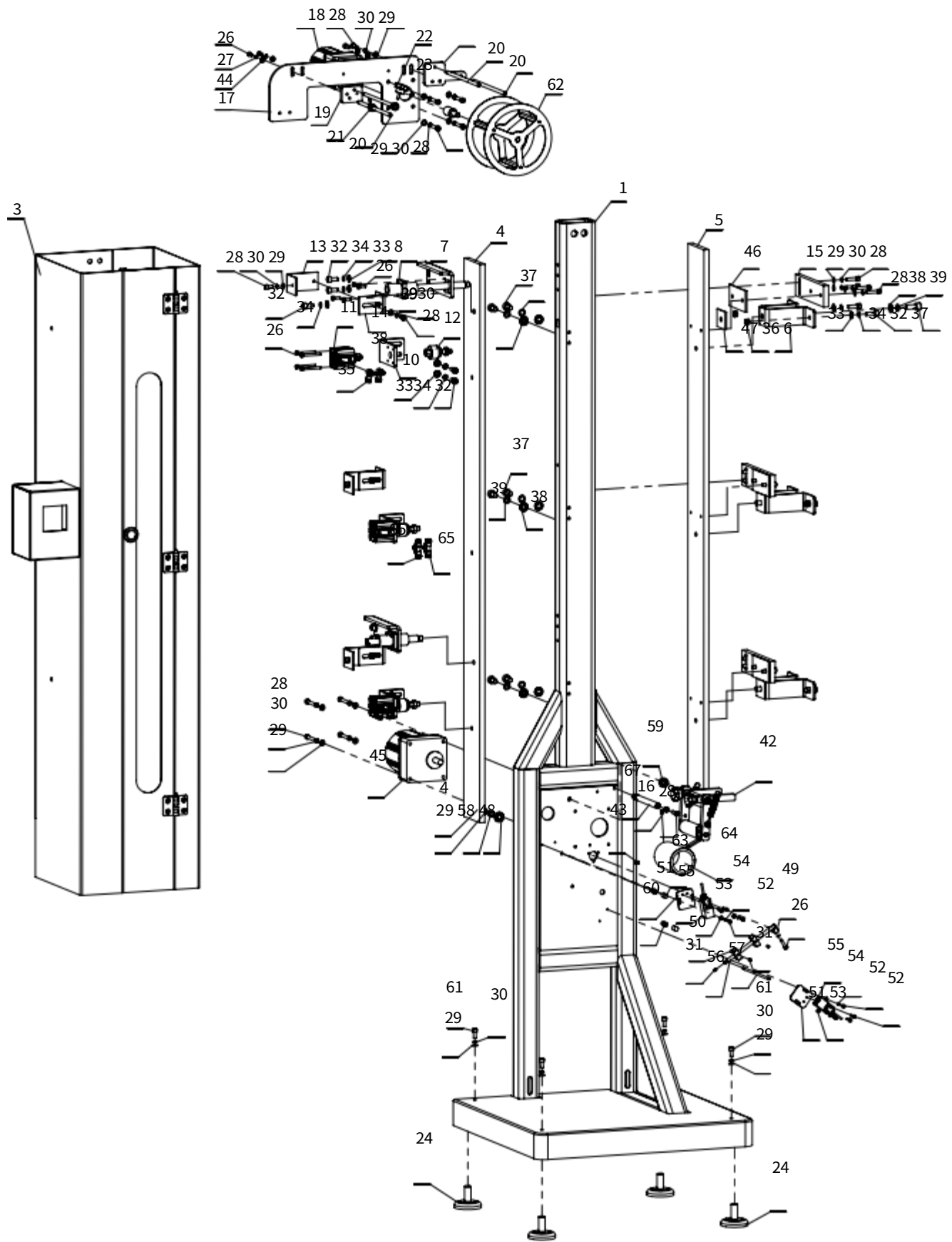


Ironing

serial mechanical number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quantities
1	515.27-01-00B	Base Bracket Assembly		1
2	515.27-29B	Chassis side cover		1
3		housing assembly		1
4	515.27-06	Heated aluminium plates		1
5	515.27-07	Fixed heating aluminium plate		1
6	515.27-58B	Bending connectors		3
7	515.27-59B	connection plate		2
8	30045130	LinearbearingsLMFC12UU		2
9	515.27-09	limit switch		2
10	515.27-60B	Bending connector 2		3
11	30053941	Slim cylinder] ACQ20×15-S-B		3
12	30052533	F-M8X125F [AT&T Floating Joints		3
13	515.27-61B	Bending connector 3		3
14	515.27-62B	Bending connector 4		3
15	515.27-14	Fixed iron plate		3
16	03-605000500-4	Hexagon nuts M5		1
17	515.27-19B	Whole material motor plate		1
18	30057763	Single asynchronous motor		1
19	515.27-23	retainer block		1
20	515.27-22	baffle shaft		4
21	515.27-24	Retaining ring 2		2
22	30048387	Star Knob M4-12		1
23	515.27-25	Connection plate 3		1
24	30045230	Rubber support feet		4
25	03-612000800-4	Hexagonal nut] M12×8		4
26	01-504001624-3	Hexagon socket cheese head screws M4×16		19
27	07-0421111-6	Flexible washer 4.2 x 1.1 x 1.1		3
28	01-505002024-3	Hexagon socket cheese head screws M5×20		32
29	05-053101000-3	Flat washer 5.3 x 1 x 10		35
30	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		34
31	01-804000414-1	Hexagon socket set screws with concave end M4×4		4
32	01-506001824-3	Hexagon socket cheese head screws M6×18		17
33	05-064161200-6	Flat gasket 6.4×1.6×12		17
34	07-0631616-1	Flexible washer 6.3 x 1.6 x 1.6		17
35	PSL4M5A	speed control valve		4
36	03-606000500-6	Hexagon nuts M6		6
37	01-508002024-3	Hexagon socket cheese head screws M8×20		9
38	05-084161600-6	Flat gasket 8.4×1.6×16		9
39	07-0812121-6	Flexible washer 8.1 x 2.1 x 2.1		9
40	515.27-27	adapter sleeve		1
41	01-805000814-1	Hexagon socket set screws with concave end M5×8		1
42		Follower wheel assembly (with ironing)		1
43	01-805000614-1	Hexagon socket set screws with concave end M5×6		2

Ironing

44	05-043080900-3	Flat gasket 4.3×0.8×9	2
45	30057381	80 single-phase asynchronous motors	1
46	515.27-54	heat insulation board	3
47	515.27-55	Insulation board 2	3
48	14-F618-8	14-F618-8 [Flanged bearing] 8×16×4	1
49	515.27-67	Cylinder 1	1
50	515.27-64	Inductive fixing block	2
51	515.27-63	Sensor fixing block	2

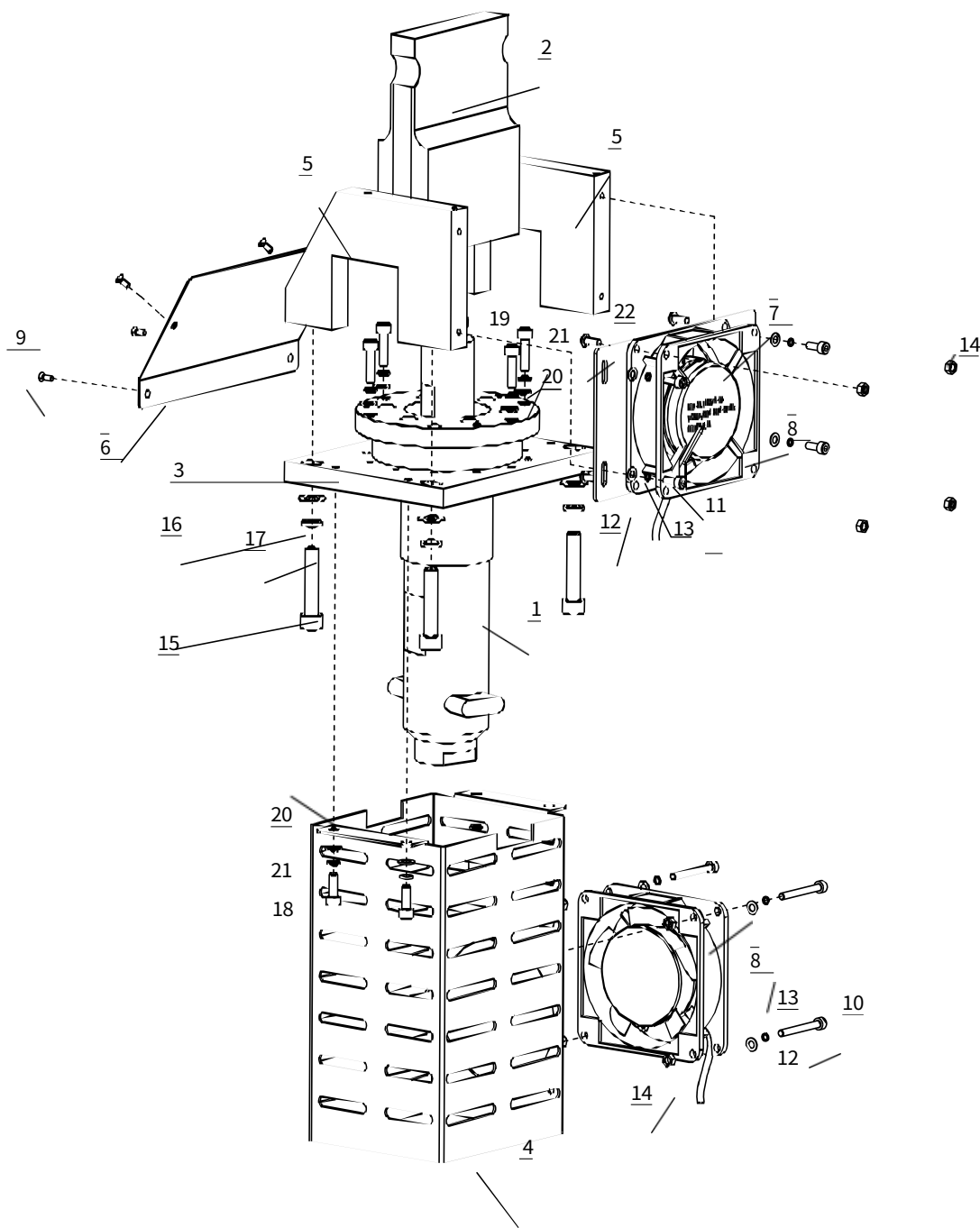


Ironing

serial mechanical number	figure horn (wind instrument)	Name name	NAMEOFPARTS	quan titi es
46	515.27-54	heat insulation board		3
47	515.27-55	Insulation board 2		3
48	14-F618-8	14-F618-8 [Flanged bearing] 8×16×4		1
49	515.27-67	Cylinder 1		1
50	515.27-64	Inductive fixing block		2
51	515.27-63	Sensor fixing block		2
52	01-503001624-3	Hexagon socket cheese head screws M3×16		8
53	05-032050700-4	Flat washer 3.2×0.5×7		4
54	07-0310808-3	Flexible washer 3.1×0.8×0.8		4
55	GL-118H	Square Proximity Switches		2
56	515.27-68	Cylinder 2		1
57	515.27-69	Cylinder 3		1
58	515.27-65	retaining sleeve		1
59	515.27-70	retainer sleeve		1
60	515.27-66	weld column		2
61	01-505001224-3	Hexagon socket cheese head screws M5×12		4
62	515.27-72-00	Shaker pulley assembly		1
63	515.22-24	Black rubber sleeve (φ 5.5)		2
64	515.27-17-00	Exporting active wheels		1
65	PEB4M5	pipe fitting		2
66	01-303000624-6	Hexagon socket cheese head screws M3×6		3
67	515.27-82	retainer bar		1

Ironing
mechani
sm

Ultrasonic
components



Ultrasonic

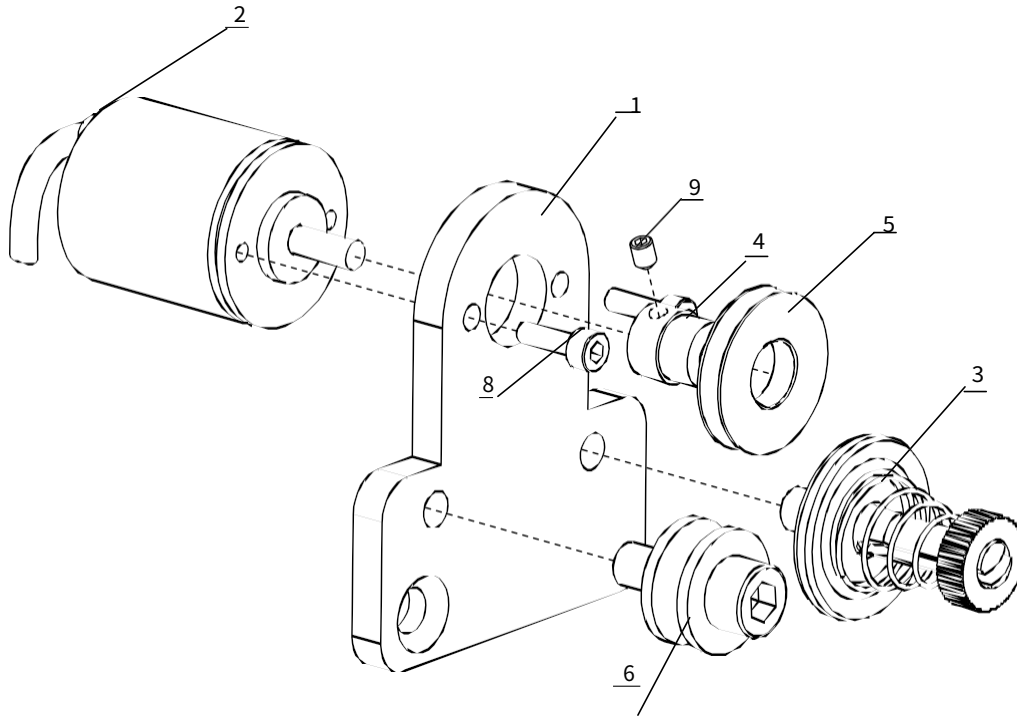
serial component number	figure (wind instrument)	horn Name name	NAMEOFPARTS	qua ntiti es
1		Ultrasonic vibrator assembly		1
2	515.24-15	welding head		1
3	515.24-01	vibrating plate		1
4	515.24-21	Ultrasonic cutter housing		1
5	515.24-18	Ultrasonic Base Plate		2
6	515.24-19	envelope		1
7	515.24-20	Cooling Fan Mount		1
8	PM-9225	Cooling Fan		2
9	01-103000821-1	Slotted countersunk head screws M3×8		4
10	01-504003524-3	Hexagon socket cheese head screws M4×35		4
11	01-504001024-3	Hexagon socket cheese head screws M4×10		4
12	05-042030900-6	Flat washer 4.2 x 0.3 x 9		8
13	07-0310808-3	Flexible washer 3.1×0.8×0.8		8
14	03-604000300-6	Hexagonal nut M4×3.2		8
15	01-508004024-3	Hexagon socket cheese head screws M8×40		4
16	05-084161600-3	Flat gasket 8.5×1×14		4
17	07-0812121-6	Flexible washer 8.1 x 2.1 x 2.1		4
18	01-505001424-3	Hexagon socket cheese head screws M5×14		4
19	01-505002024-3	Hexagon socket cheese head screws M5×20		5
20	05-053101000-3	Flat washer 5.3 x 1 x 10		9
21	07-0521313-6	Spring washers 5.2 x 1.3 x 1.3		9
22	01-304001024-3	Hexagon socket cheese head screws		4

Ultrasonic
components

Bottom Line

Detection

Components



serial number	map	horn (wind instrument)	place (e.g. among winners)	steelyard	NAME OF PARTS	quantities
1	515.37-17		foundation			1
2	30015930		OMRON Compact Encoders			1
3			Upper Gripper Assembly			1
4	515.37-26		Over-wheel connecting post			1
5	135.13-47		Wire regulating gripper pulley			1

Bottom Line

6	515 37-24	SG10 Overline Pulley	1
7	01-506001824-3	Hexagon socket cheese head screws M6×18	1
8	01-503001024-3	Hexagon socket cheese head screws M3×10	2
9	01-803000414-1	Hexagon socket set screws with concave end M3×4	1

Detection
Components



Toyama IoT



WeChat Public Number



Jitterbug Official Number

上海富山精密机械科技有限公司

HIKARI (SHANGHAI) PRECISE MACHINERY SCIENCE AND TECHNOLOGY CO., LTD

邮箱/E-

mail:hikari@chinahikari.com

网址

/Web: www.chinahikari.com

Fax/Fax: (00)86-21-67311311

Tel: (00)86-21-67311111 (ext. Foreign Trade Dept.)

No.800 Zhongda Road, Industrial Park, Zhujing Town, Jinshan District, Shanghai, China.

NO.800, ZHONGDA ROAD, ZHUJING INDUSTRIAL ZONE,
JINSHAN DISTRICT, SHANGHAI CHINA



QUANTITY ATTESTATION
ISO9001质量体系认证