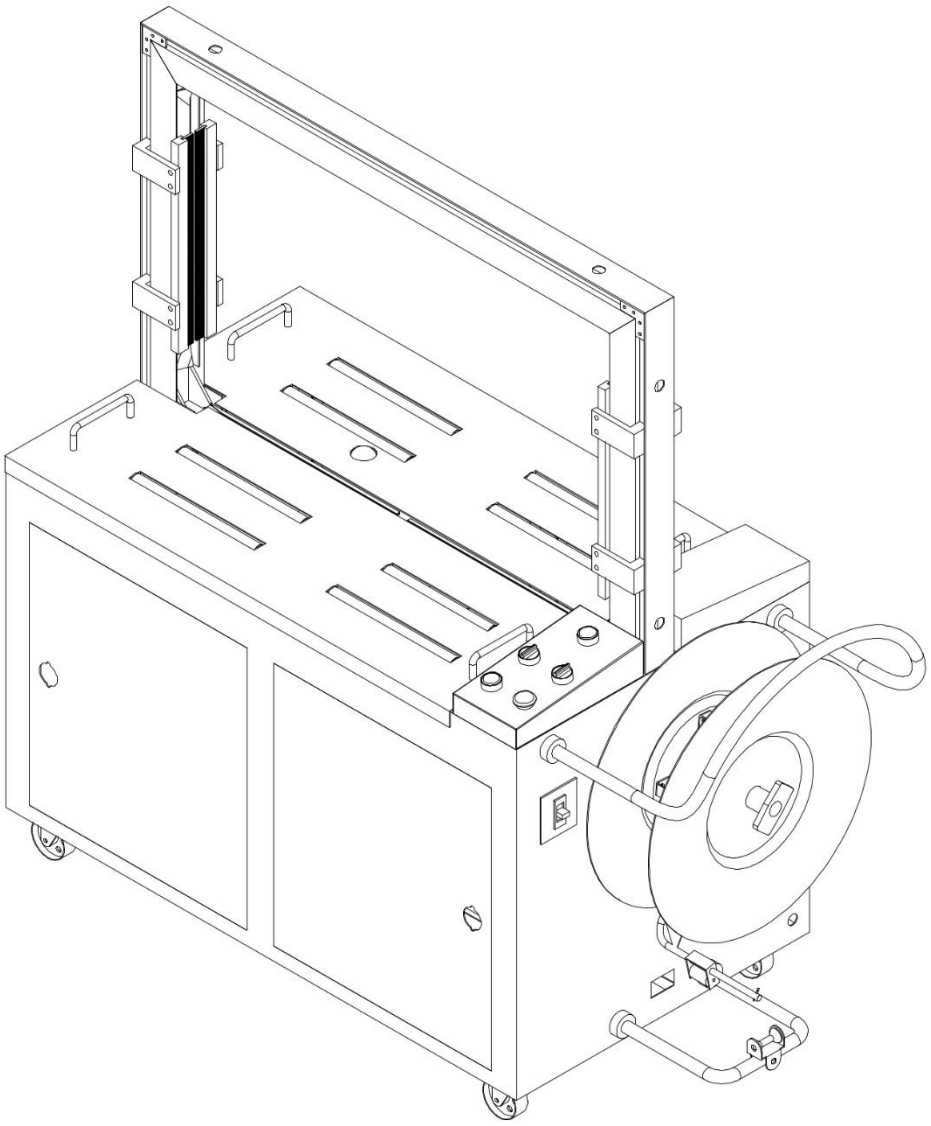
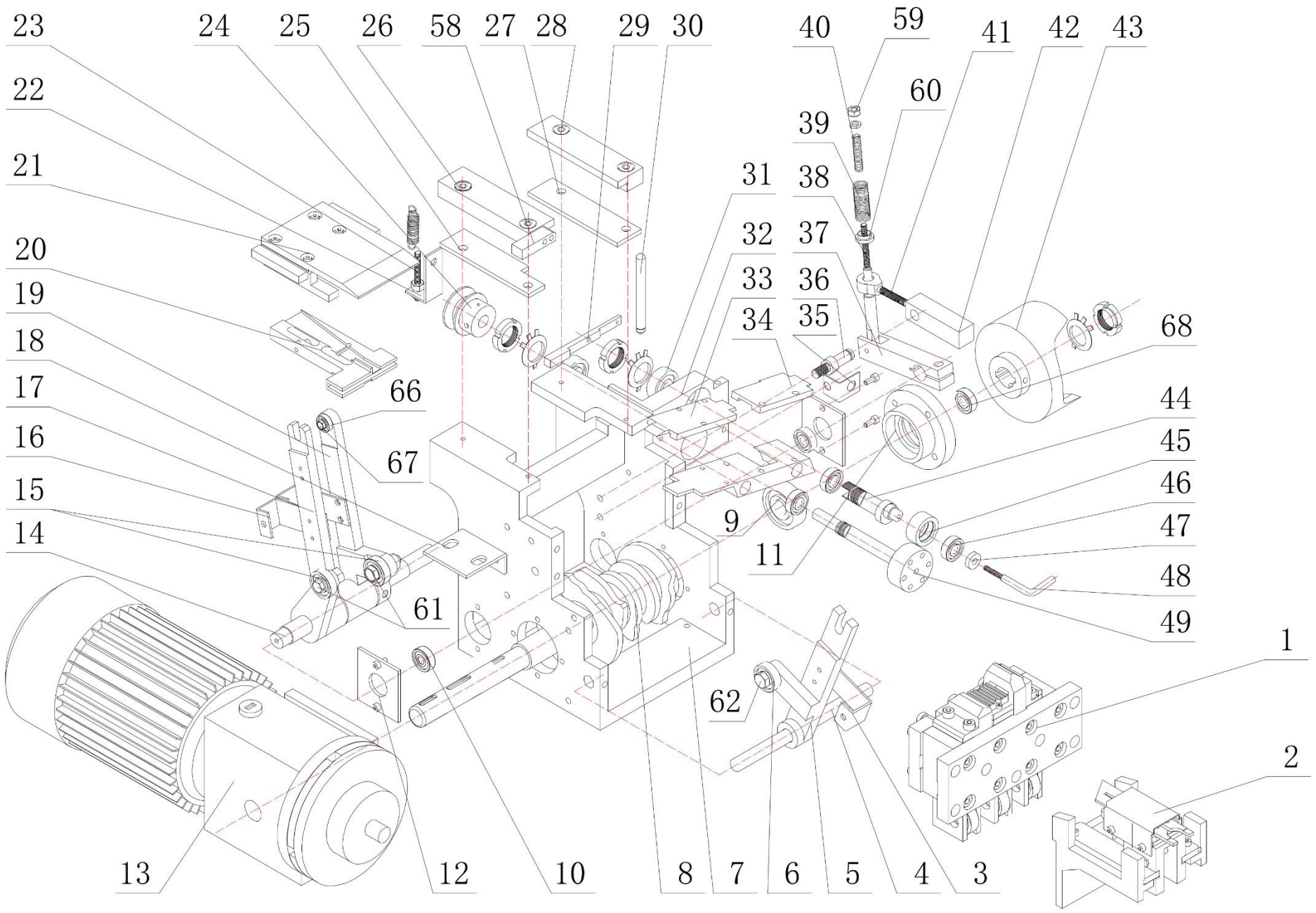
АВТОМАТИЧЕСКАЯ СТРЕППИНГ МАШИНА

серии **SP101A**

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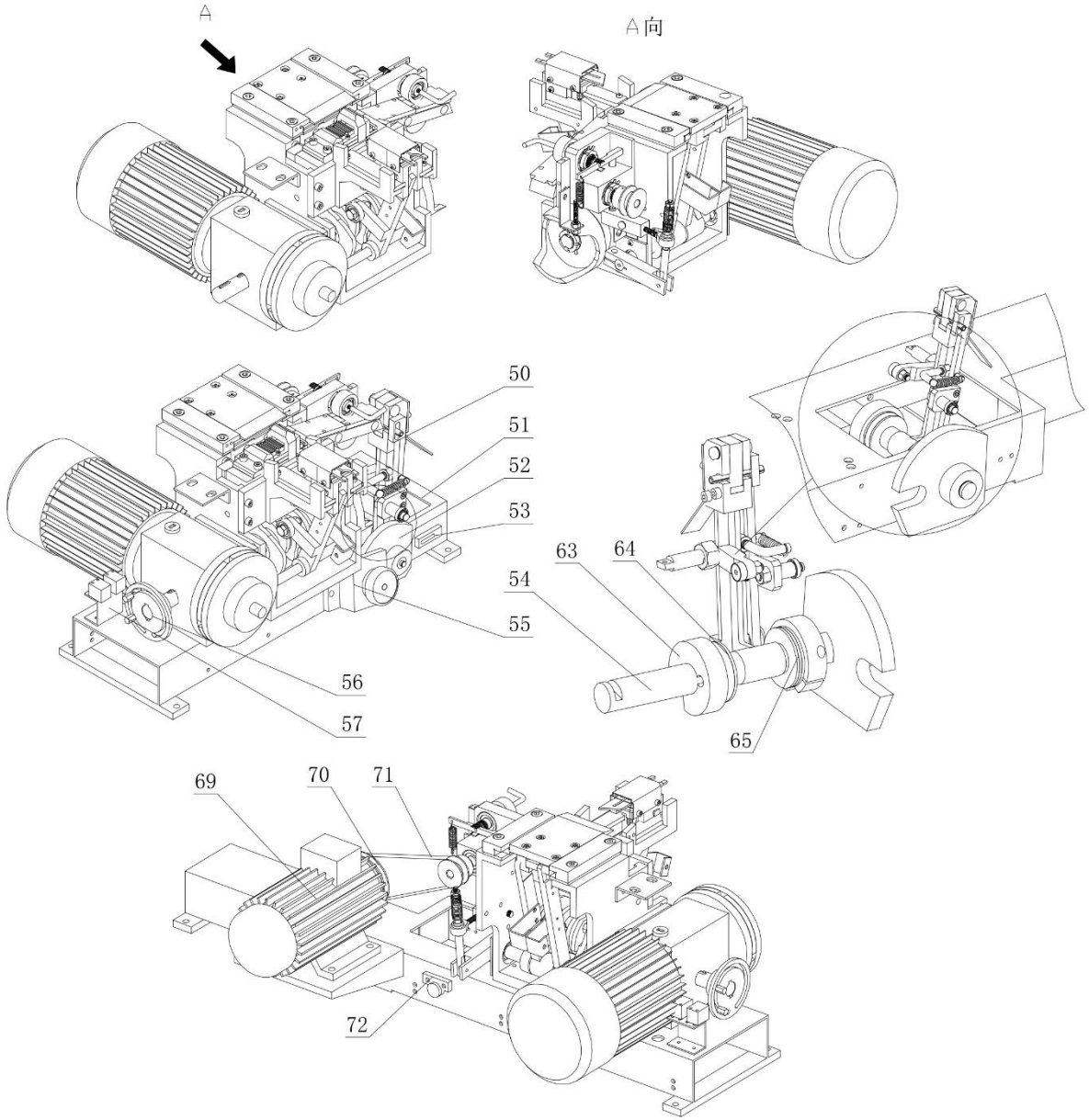
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Bar guide assembly		1
2	Heater assembly		1
3	Hanging plate	01-144	1
4	Shaft	01-131	1
5	Heater crank	01-143	1
6	Bearing	80100	1
7	Large bracket	01-1	1
8	Parts of main shaft		1
9	Bearing	80104	2
10	Bearing	80102	2
11	Bearing seat	01-14	2
12	Baffle plate	01-18	2
13	Motor and decelerator	YS8024B14 or YS7124B14	1
14	Shaft	01-17	1
15	Bearing	80100	2
16	Hanging plate	01-144	2
17	Guide plate crank	01-224	1
18	Support plate	01-67	1
		01-67A	1
19	Slide table crank	01-217	1
20	Guide plate (T-shaped)	01-226	1
21	Slide table assembly		1
22	Bent plate	01-33	1
23	Outer hexagonal screw	M5x50	1
24	Belt pulley	01-39	1
25	Left guide plate	01-24	1
26	Left guide rail	01-22	1
27	Right guide plate	01-25	1
28	Right guide rail	01-23	1
29	Pry bar	01-32	1
30	Ejector rod	01-51	1
31	Bearing	50102	4
32	Roller holder	01-1-2	1
33	Front cover	01-56	1
34	Rear cover	01-57	1
35	Bent plate	01-40	1
36	Shaft	01-50	1
37	Clamping arm	01-200	1
38	Pull bar	01-197	1
39	Spring	01-136(1)	1
40	Spring	01-136(2)	1
41	Knuckle bearing	Ф8; SA8TK	1

42	Pendulum block	01-196	1
43	Edge cam	01-11	1
44	Eccentric shaft	01-35	1
45	Roller	01-36	1
46	Bearing	80100	1
47	Pressing ring	01-38	1
48	Wrench	01-42	1
49	Roller shaft	01-37	1
50	Tension crank		1
51	Channel steel	101A-37	1
52	Positioning plate	01-68	1
53	Limit plate	01-69	1
54	Shaft	01-45	1
55	Tension adjusting device		1
56	Probe holder	01-60	1
57	Switch bracket	01-65	1
58	Block	01-44	1
59	Nut	Φ6	1
60	Spring base	01-52	1
61	Shaft	01-218	2
62	Shaft	01-146	1
63	Stop collar	01-47	2
64	Bearing	8104	1
65	Bearing	889104	1
66	Bearing	80017	1
67	Shaft	01-219	1
68	Bearing	8204	1
69	Motor	YS6334B3	2
70	Belt pulley	00-25	1
71	Belt	M21	1
72	Limit plate	01-69	1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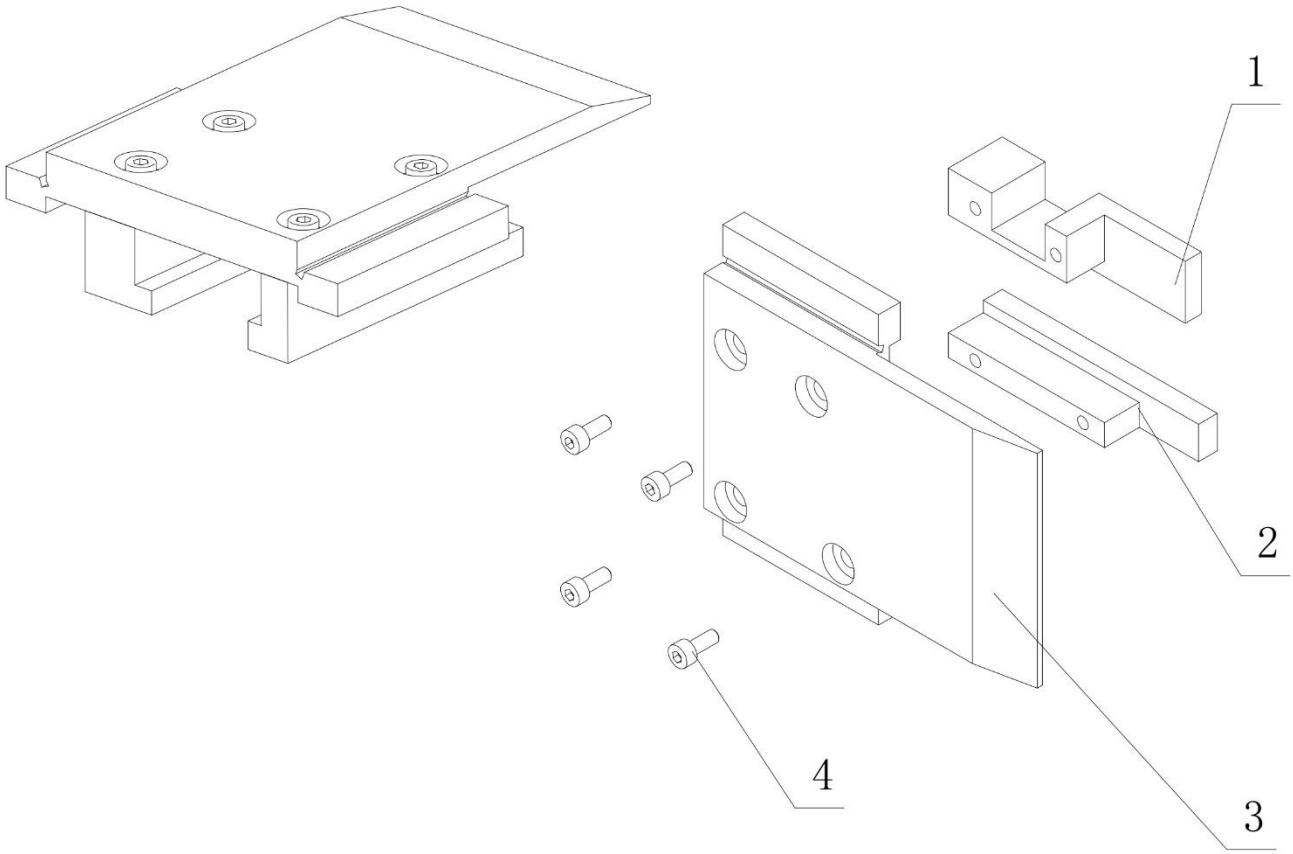
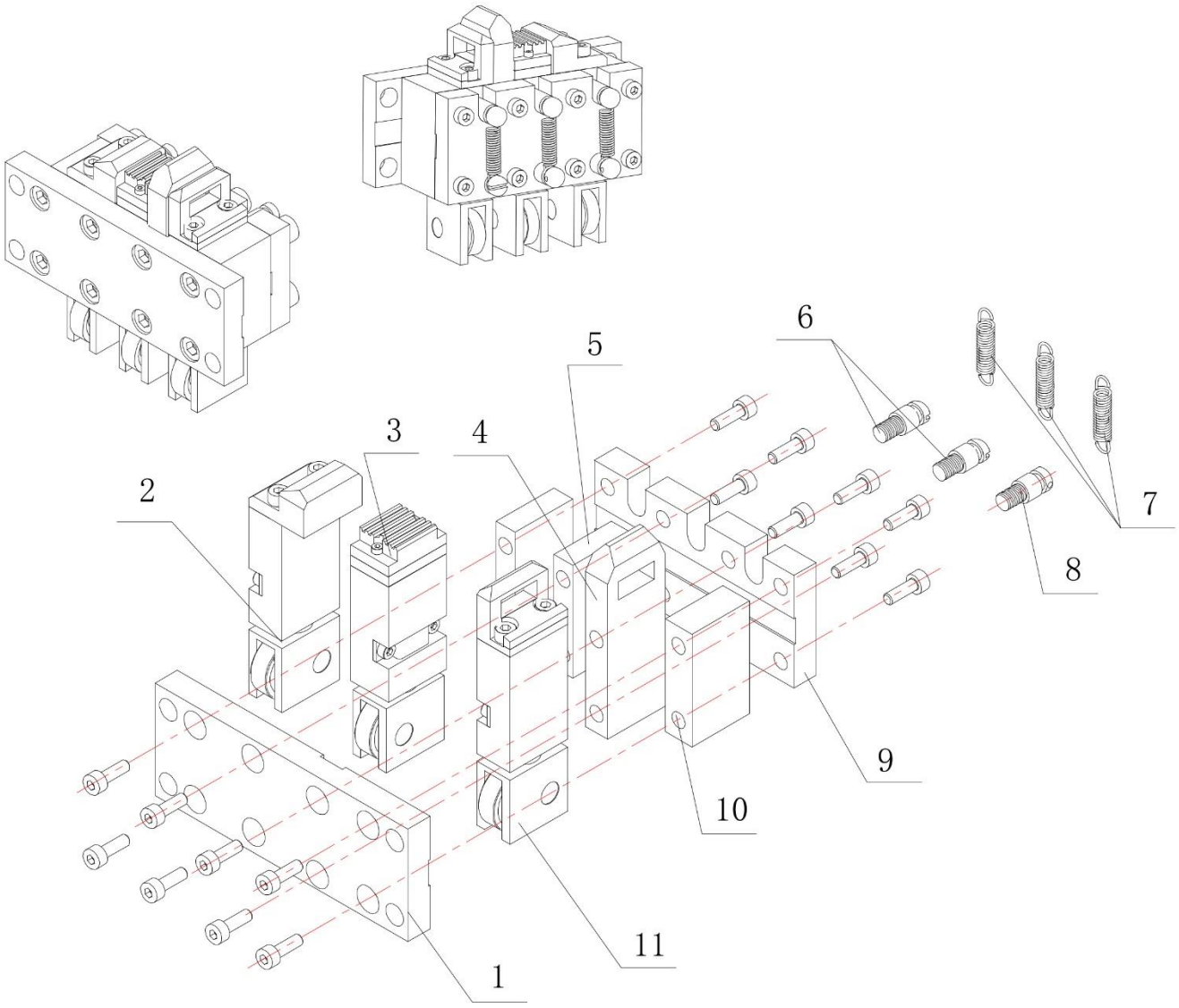
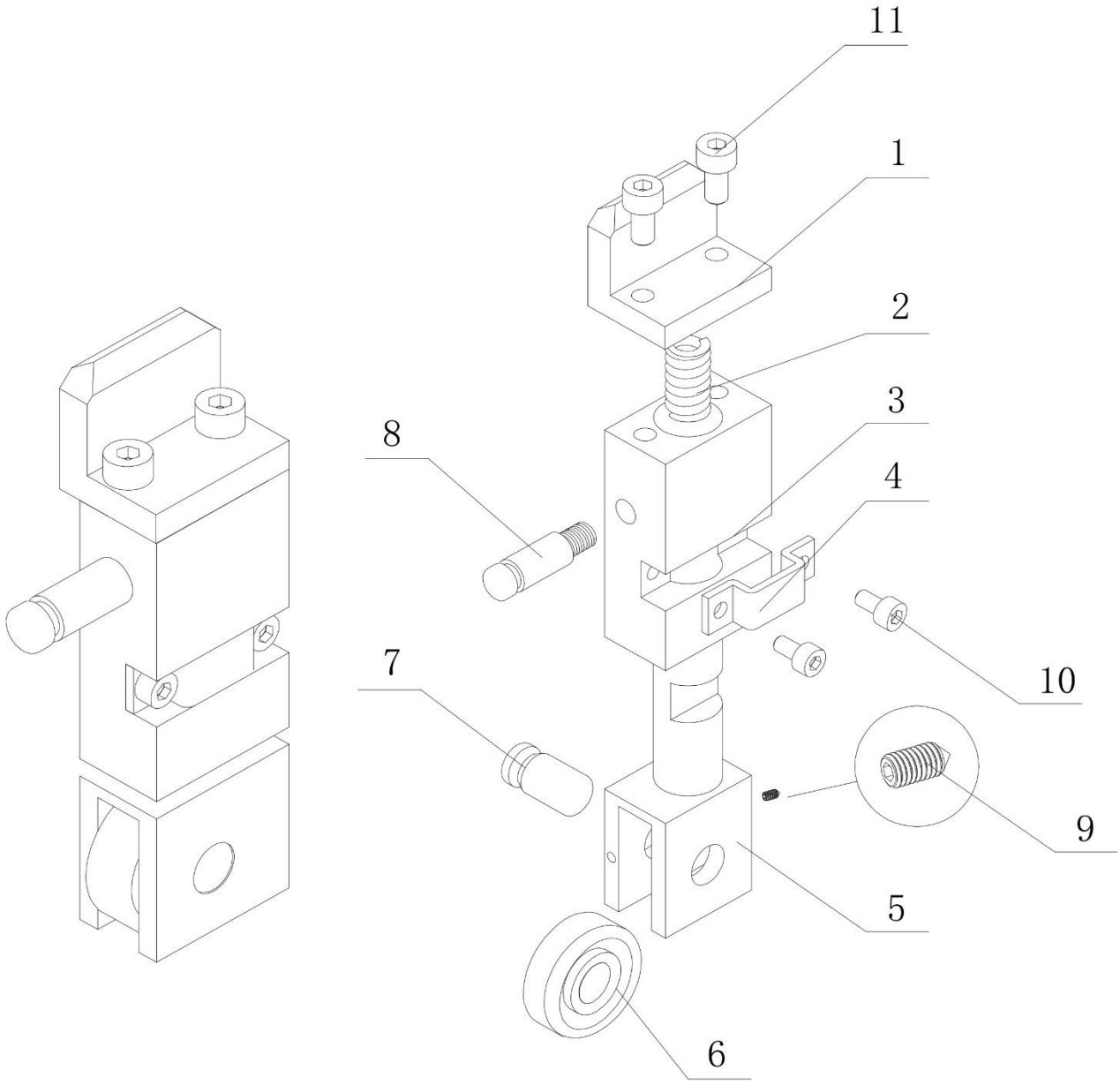


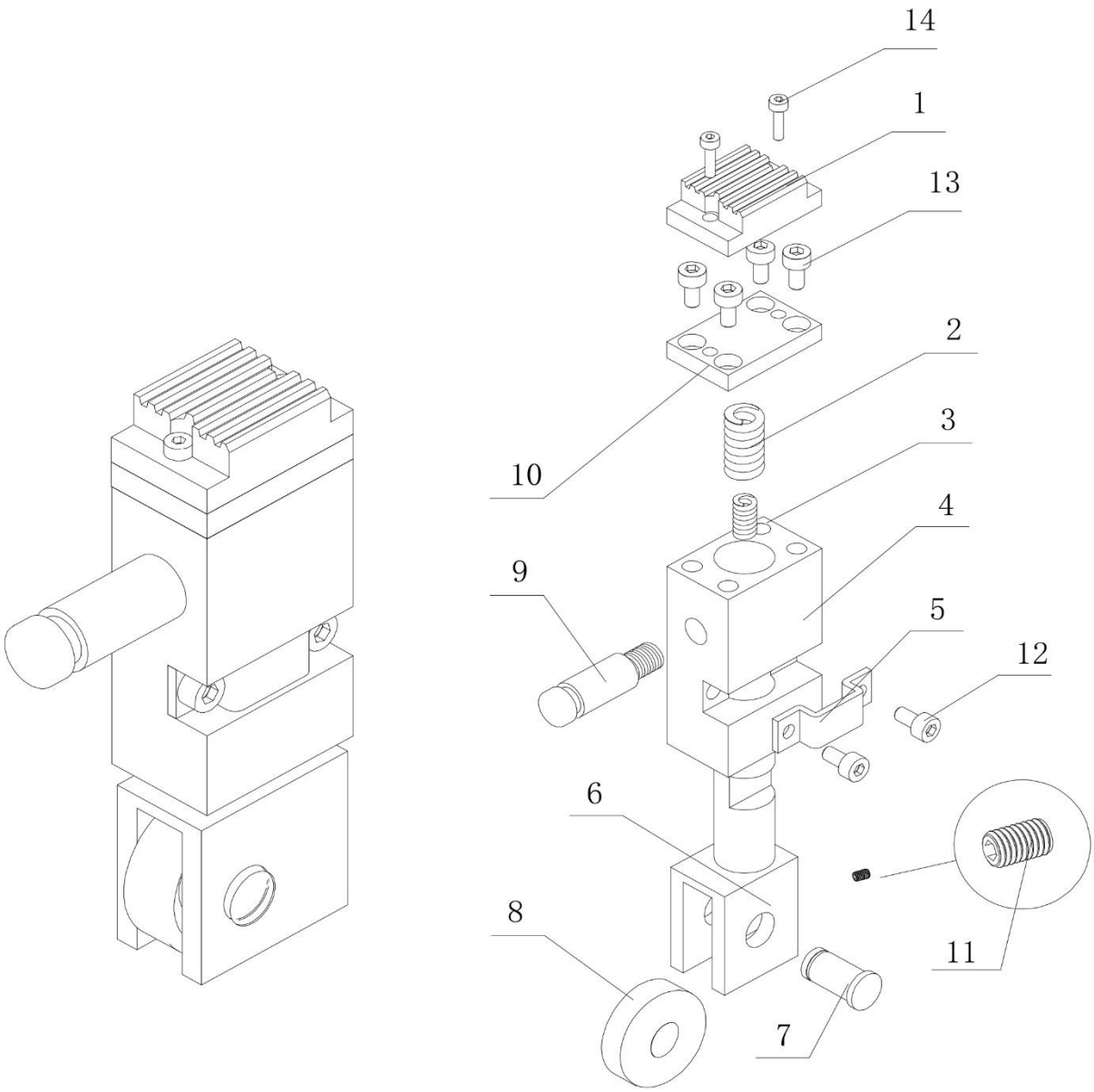
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Right rail of guide plate	01-27	1
2	Left rail of guide plate	01-26	1
3	Slide table	01-20	1
4	Screw	M5x16	4



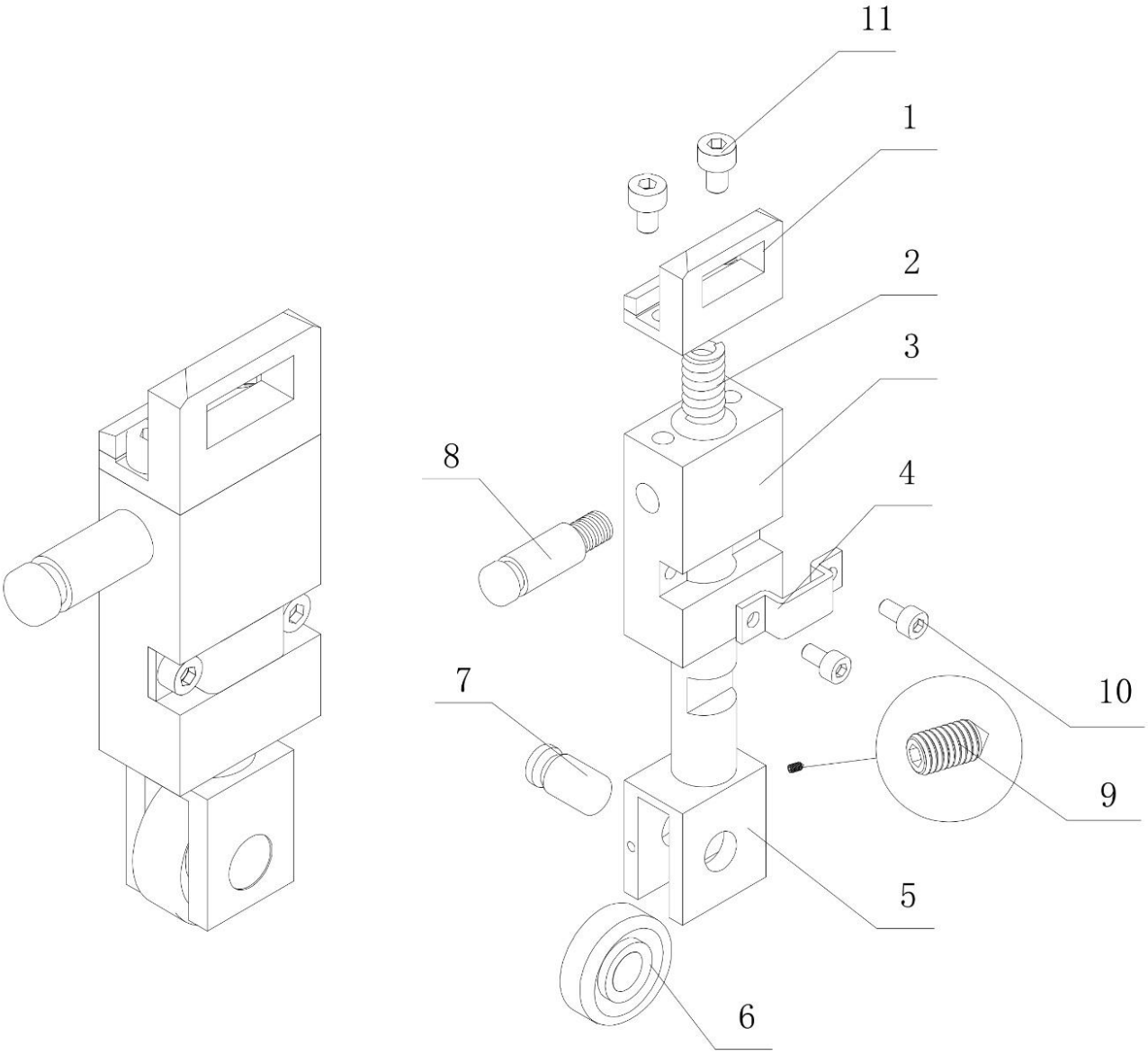
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Front plate	01-90	1
2	Left bar assembly		1
3	Middle bar assembly		1
4	Right partition board	01-93	1
5	Left partition board	01-92	1
6	Post	01-96	2
7	Tension spring	01-97	3
8	Post	01-95	1
9	Back plate	01-91	1
10	Baffle plate	01-94	2
11	Right bar assembly		1



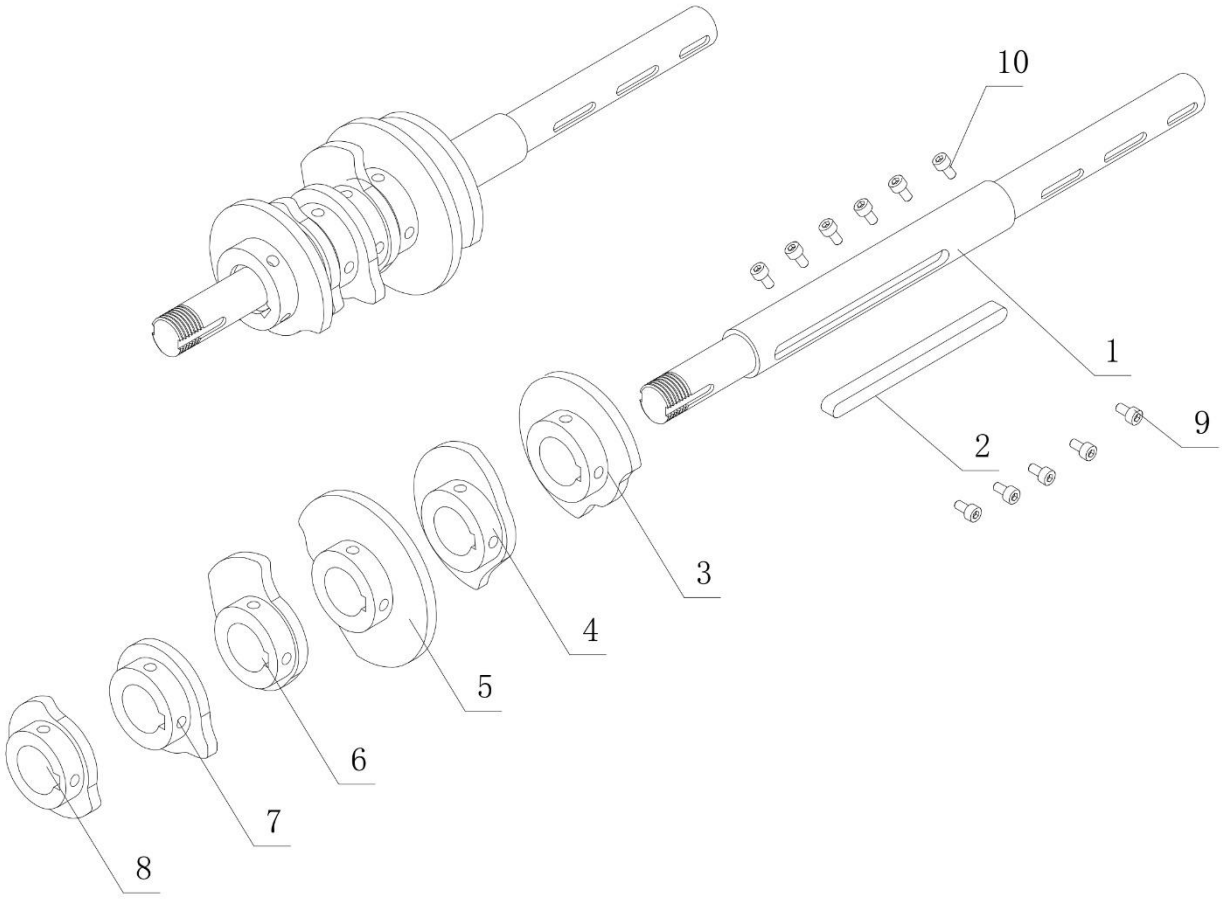
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Left jack catch	01-112	1
2	Compression spring	01-103	1
3	Cavity	01-101	1
4	Stop dog	01-105	1
5	Spring base	01-100	1
6	Bearing	80100	1
7	Small shaft	01-106	1
8	Post	01-109	1
9	Set screw	M5x6	1
10	Inner hexagon screw	M4x12	2
11	Inner hexagon screw	M5x20	2



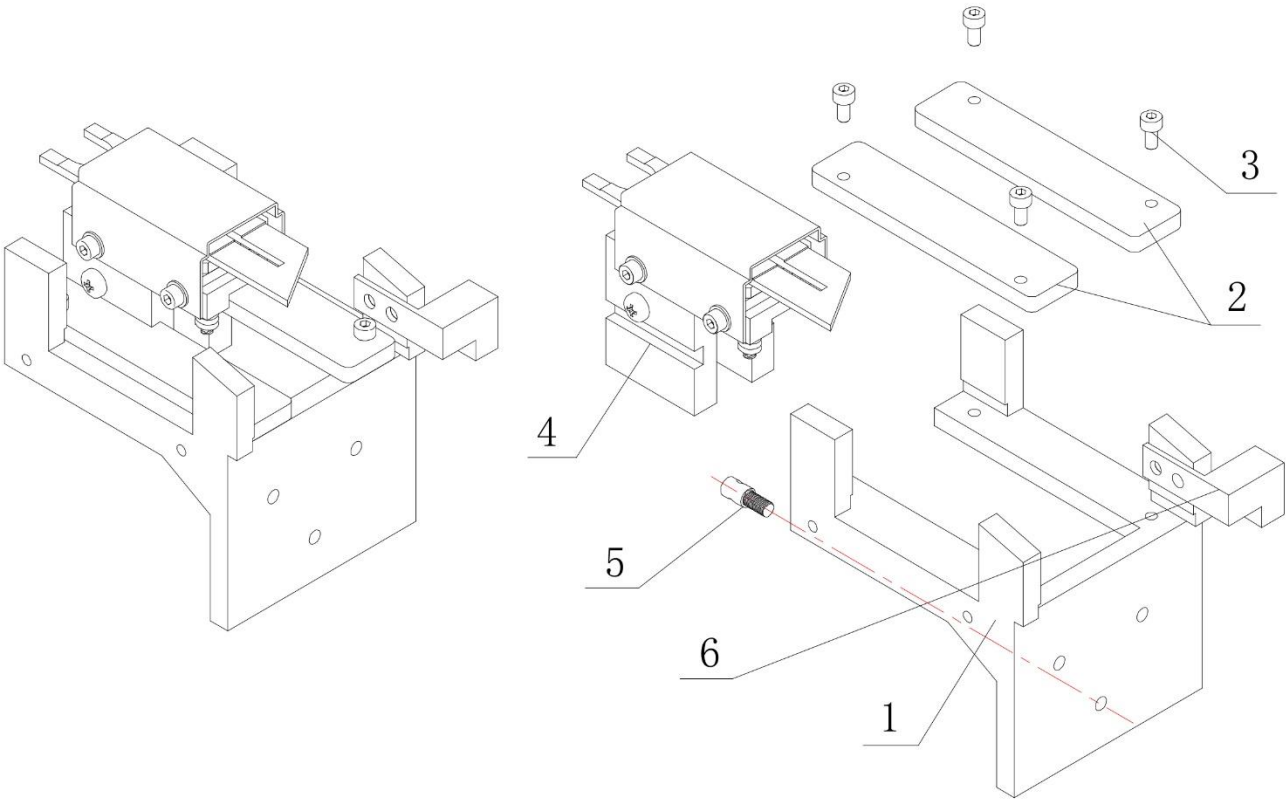
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Bar	01-114	1
2	Compression spring	01-103	1
3	Compression spring	01-104	1
4	Cavity	01-102	1
5	Stop dog	01-105	1
6	Spring base	01-100	1
7	Shaft	01-107	1
8	Roller	01-108	1
9	Post	01-109	1
10	Base plate	01-113	1
11	Set screw	M5x6	1
12	Inner hexagon screw	M4x12	2
13	Inner hexagon screw	M4x12	4
14	Inner hexagon screw	M5x12	2



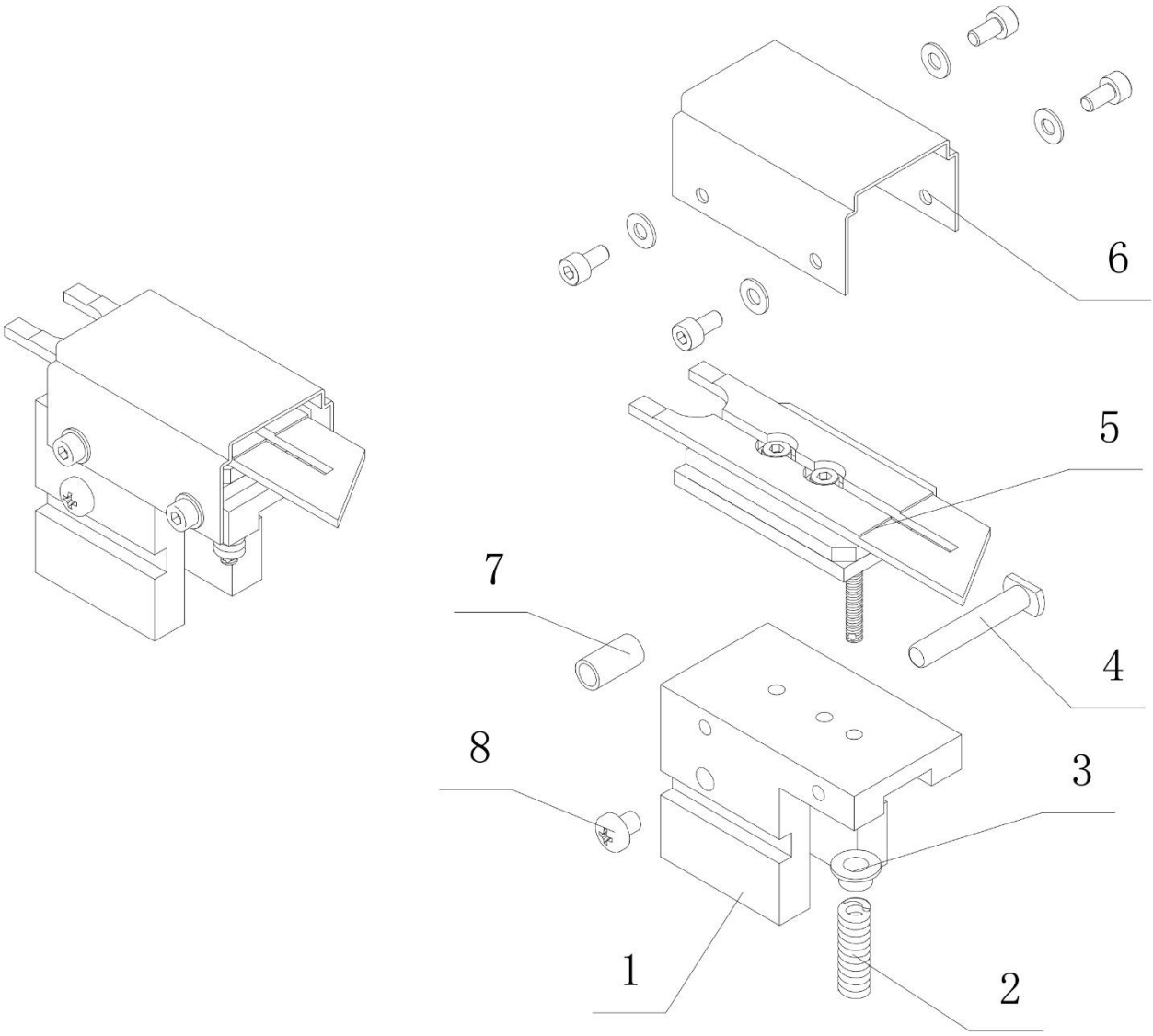
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Right jack catch	01-115	1
2	Compression spring	01-104	1
3	Cavity	01-101	1
4	Stop dog	01-105	1
5	Spring base	01-100	1
6	Bearing	80100	1
7	Small shaft	01-106	1
8	Post	01-109	1
9	Set screw	M5x6	1
10	Inner hexagon screw	M4x12	2
11	Inner hexagon screw	M5x16	2



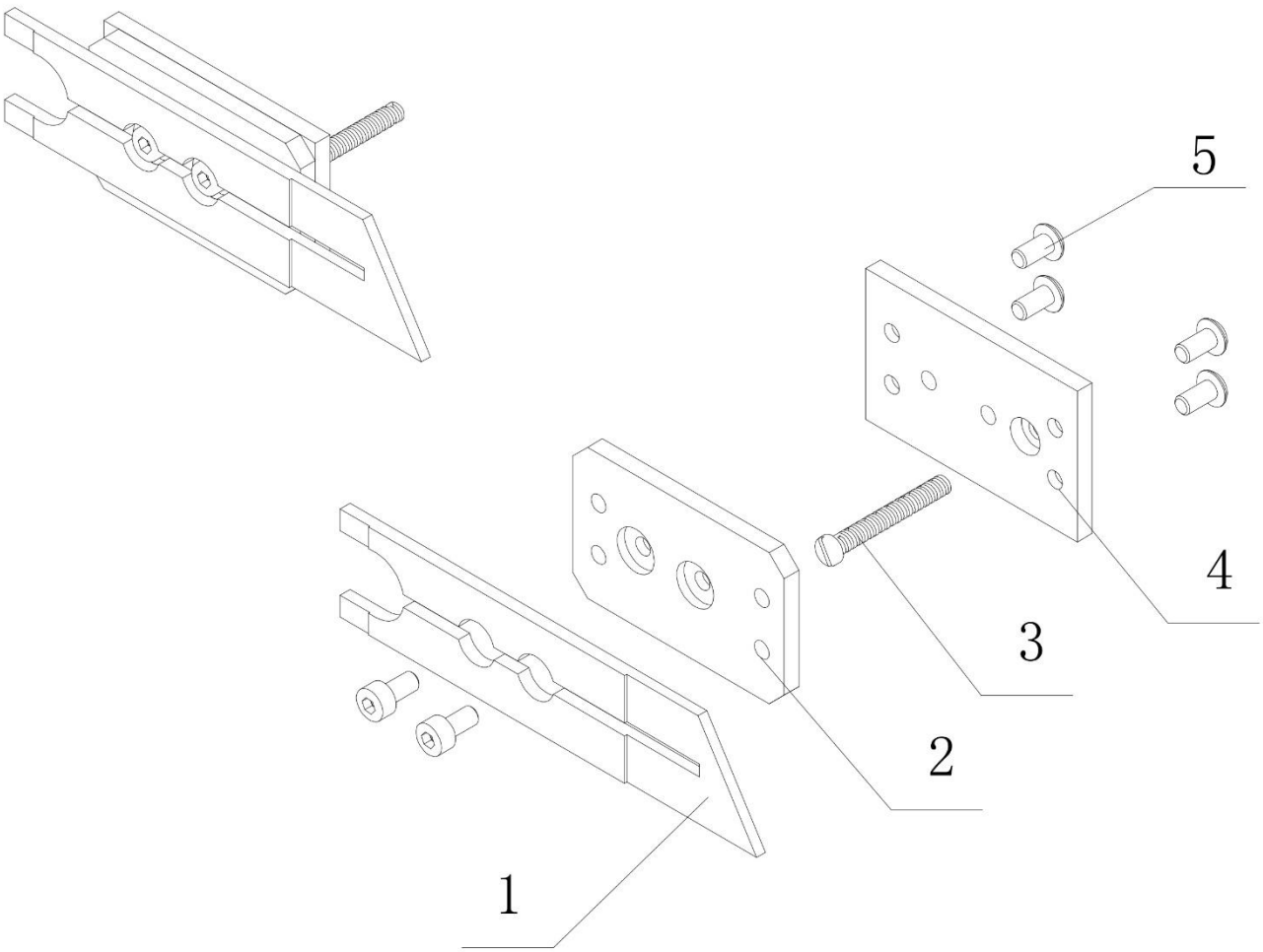
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Main shaft	01-12 (1)	1
2	Flat key		1
3	Cam	01-5	1
4	Cam	01-6	1
5	Cam	01-7	1
6	Cam	01-8	1
7	Cam	01-9	1
8	Cam	01-10	1
9	Screw	M8x8	6
10	Screw	M8x10	6



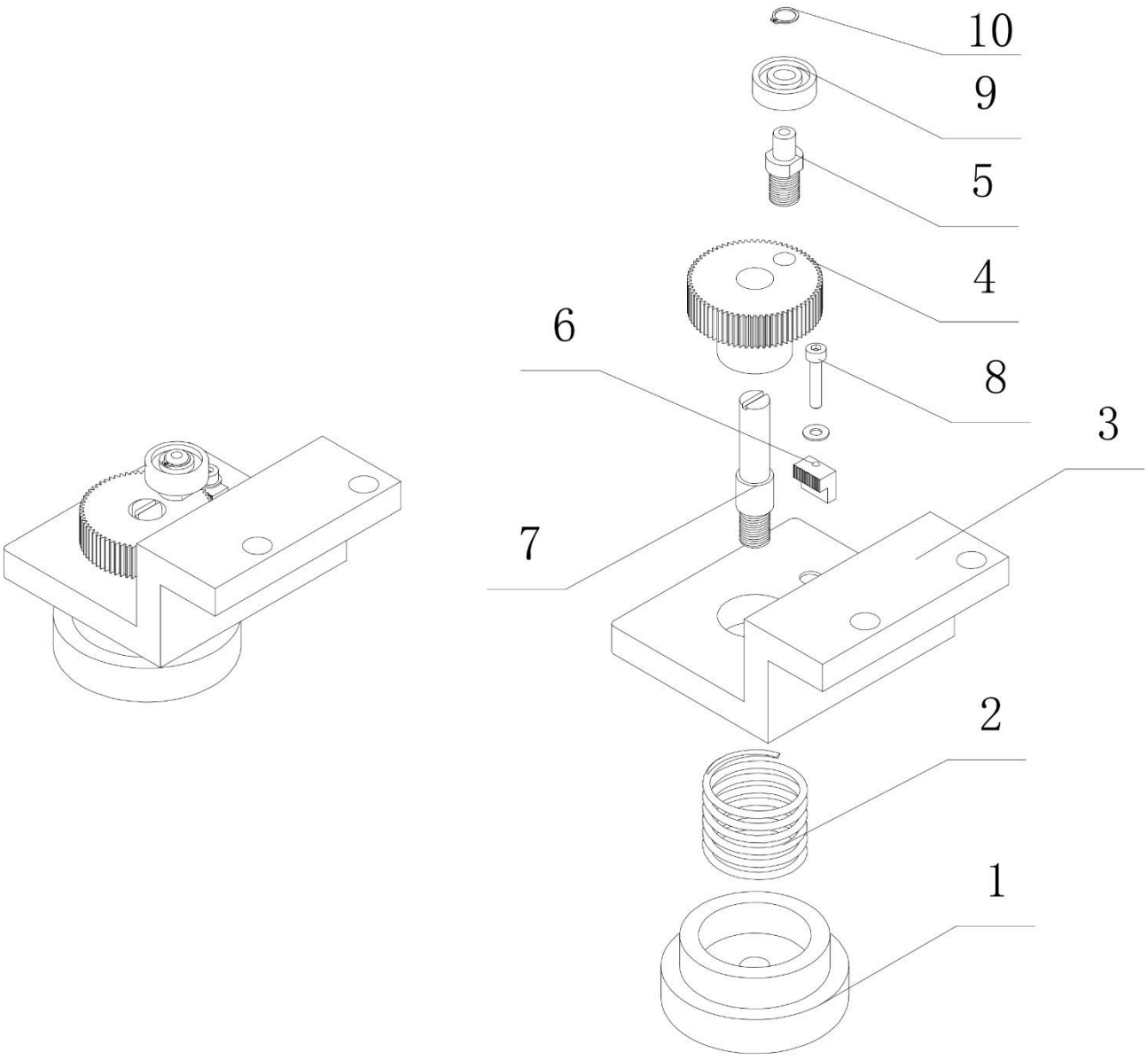
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Bracket	01-130	1
2	Guide plate	01-132	2
3	Inner hexagon screw	M5x16	4
4	Assembly of heater plate and slide table		1
5	Small shaft	01-133	1
6	Block	01-43	1



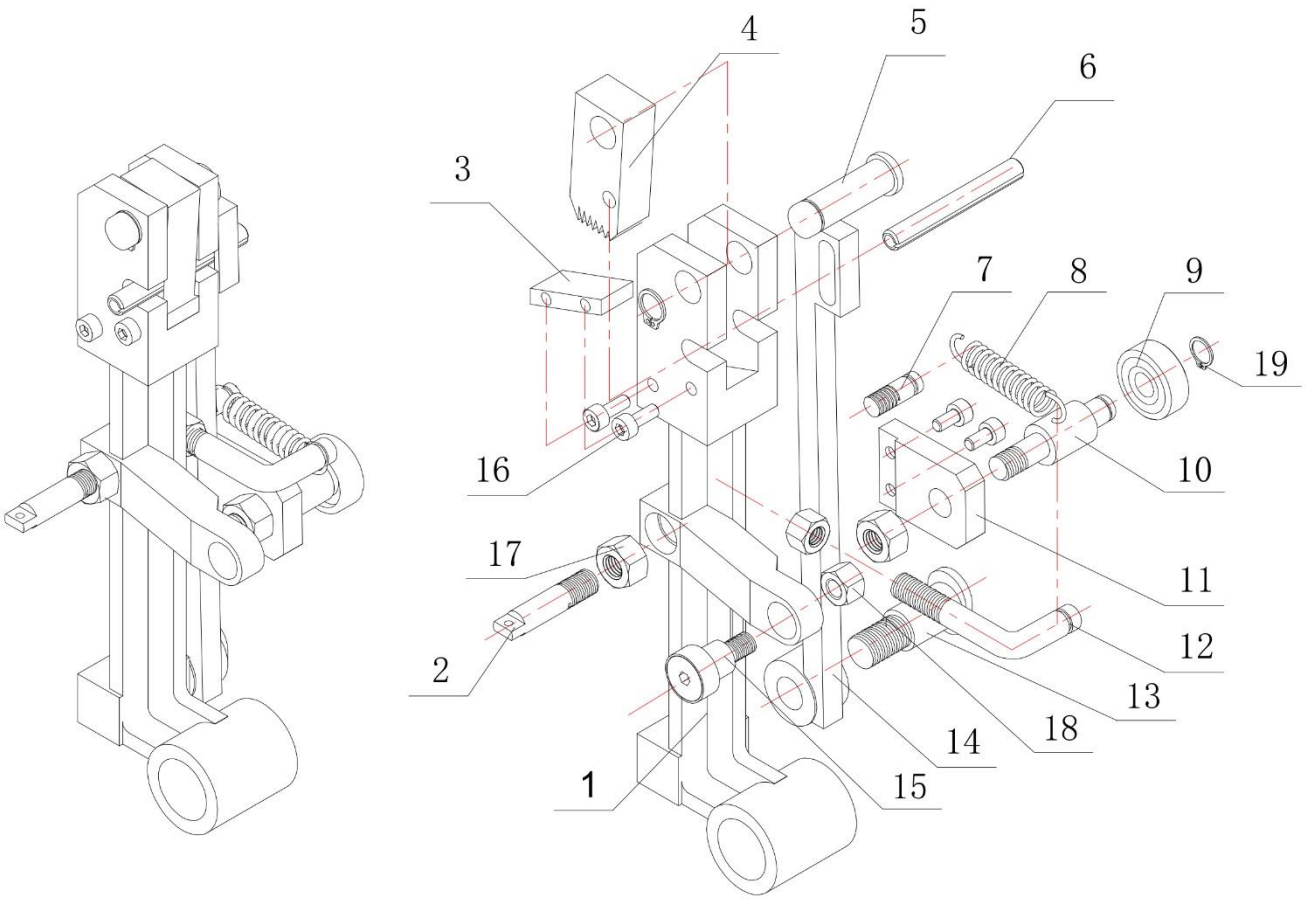
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Slider	01-137	1
2	Compression spring	01-140	1
3	Spring base	01-141	1
4	Shaft	01-138	1
5	Heater plate assembly		1
6	Cover	01-142	1
7	Shaft sleeve	01-139	1
8	Phillips screws	M4x10	1



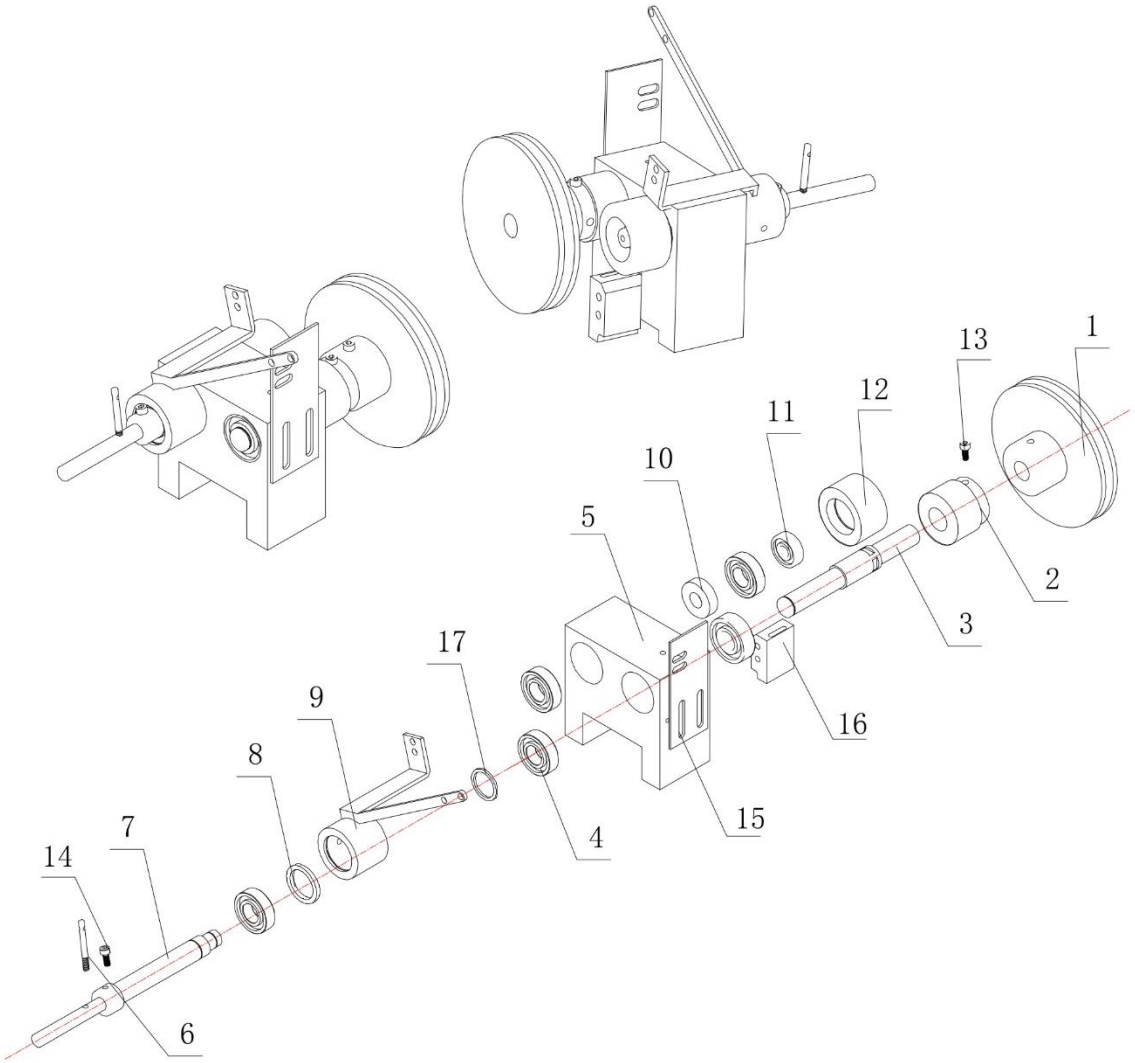
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Heater plate	01-153	1
2	Insulation board	01-150	1
3	Bolt	01-152	1
4	Base plate	01-151	1
5	Phillips screws	M4x10	4



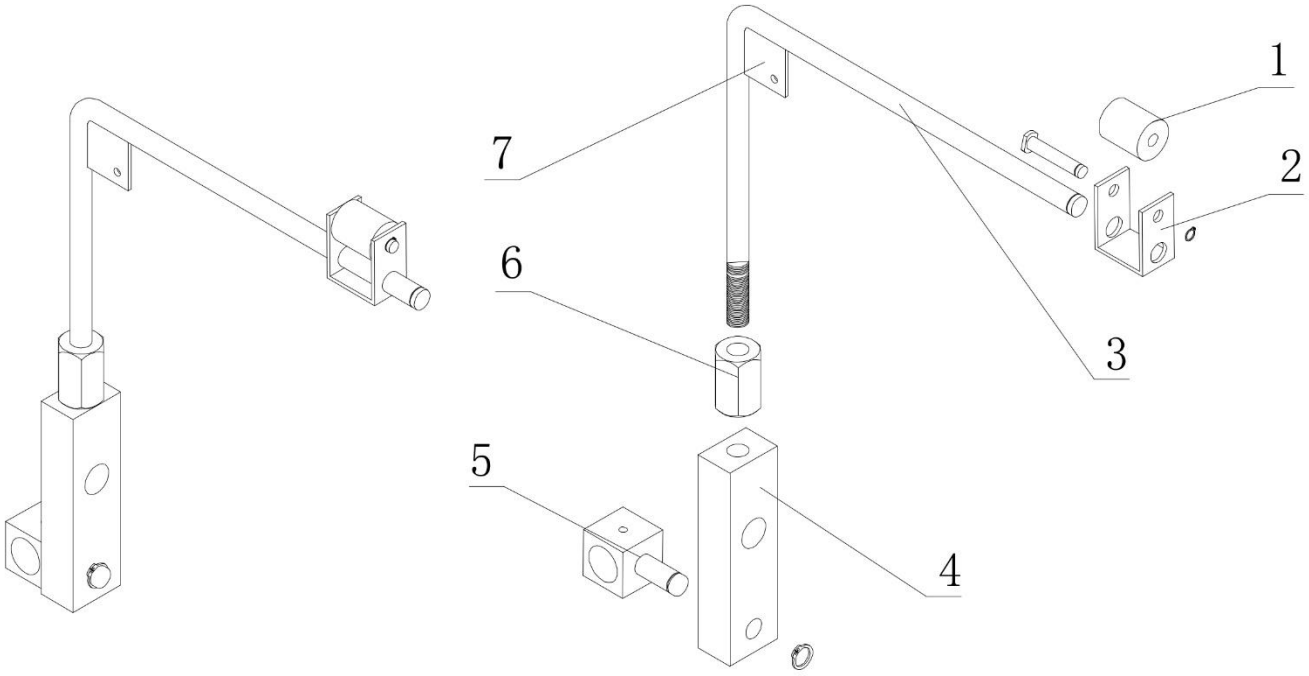
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Knob	01-205	1
2	Compression spring	01-207	1
3	Bracket	01-204	1
4	Gear	01-209	1
5	Small shaft	01-210	1
6	Spur rack	01-211	1
7	Shaft	01-206	1
8	Inner hexagon screw	M4x16	1
9	Bearing	80026	1
10	Stop collar	Ф4	1



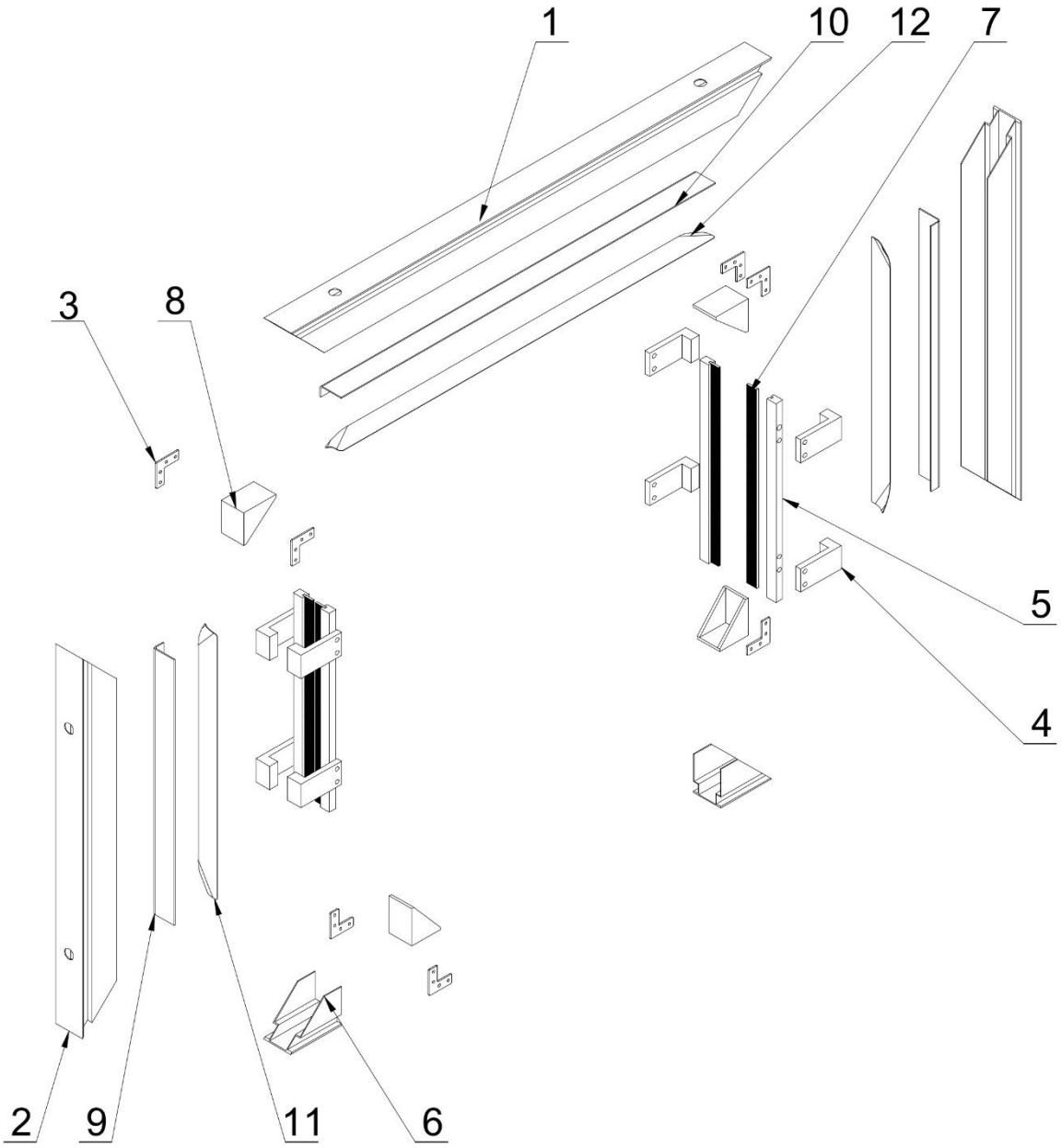
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Crank	01-160	1
2	Pull bar	01-169	1
3	Base plate	01-160-1	1
4	Strap clamp block	01-165	1
5	Strap clamp shaft	01-166	1
6	Pin	01-163	1
7	Post	01-174	1
8	Tension spring	01-162	1
9	Bearing	80026	1
10	Small shaft	01-176	1
11	Pedestal	01-175	1
12	Bent rod	01-161	1
13	Rod shaft	01-168	1
14	Rod	01-177	1
15	Bearing	CF010	1
16	Inner hexagon screw	M4x14	2
17	Nut	Φ10	1
18	Nut	Φ6	2
19	Stop collar	Φ4	2



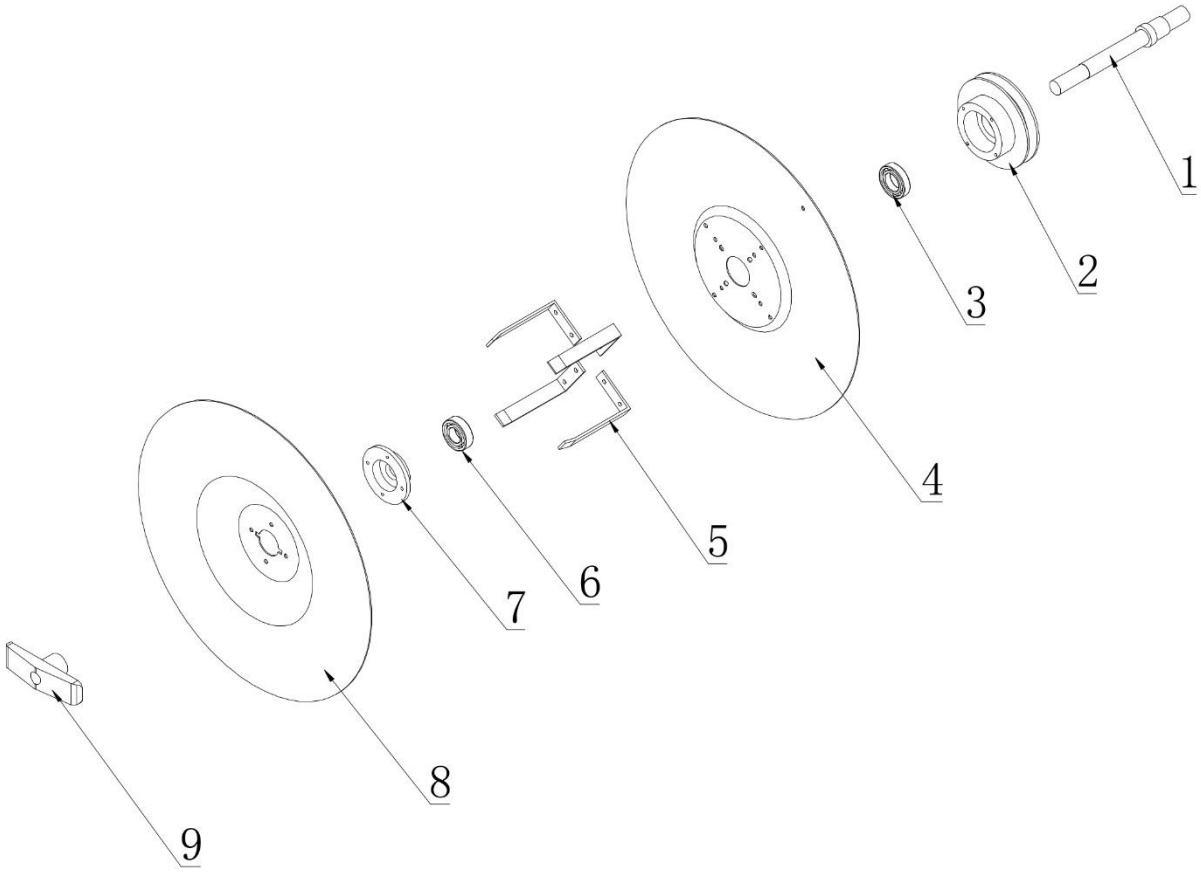
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Belt pulley	00-92	1
2	Upper strap conveying roller	00-95	1
3	Upper shaft	00-93	1
4	Bearing	80102	6
5	Base	00-83	1
6	Oscillating bar	00-97	1
7	Lower shaft	00-94	1
8	Spacer bush	00-88	1
9	Rocker roller wheel	00-85; 00-86	1
10	Spacer bush	00-84	1
11	Bearing	80101	1
12	Lower strap conveying roller	01-98	1
13	Set screw	M6x10	1
14	Set screw	M5x6	1
15	Switch bracket	00-89	1
16	Strap inlet	00-108	1
17	Spacer bush	00-87	1



No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Roller	00-134	1
2	Roller holder	00-133	1
3	Oscillating bar	00-130(1)	1
4	Oscillating block	00-127	1
5	Belt clamp	00-128	1
6	Nut	00-129	1
7	Spring hook piece	00-132	1



No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Beam	MH-A-1	1
2	Upright post	MH-A-2	2
3	Connecting block	KG-02	8
4	Plastic brush holder		8
5	Brush holder	MH-D-1	4
6	Foot piece	MH-A-3	2
7	Brush	MH-D-2	4
8	Plastic turn angle		4
9	Upright base plate	MH-B-1	2
10	Horizontal base plate	MH-B-2	1
11	Turning plate	KF-00	2
12	Turning plate	KF-00	3

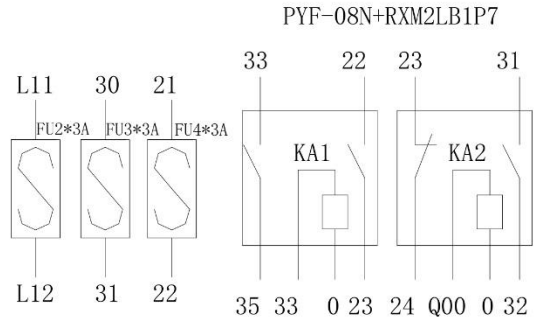


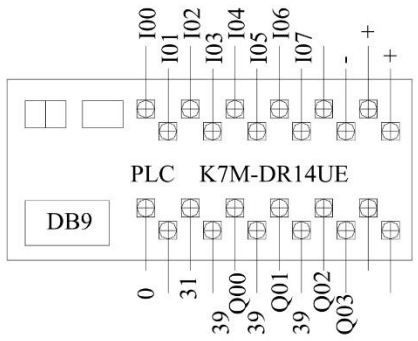
No.	НАИМЕНОВАНИЕ	КОД ДЕТАЛИ	КОЛ-ВО
1	Shaft	00-114	1
2	Brake wheel	00-111	1
3	Deep groove ball bearing	6006	1
4	Inner flange	00-142	1
5	Support claw	00-143	1
6	Deep groove ball bearing	6205	1
7	Bearing seat	00-188	1
8	Outer flange	00-189	1
9	Handle	00-192	1

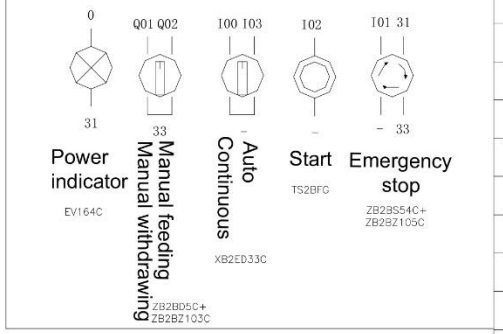
Electrical Wiring Diagram

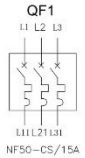
Model	MH-101A

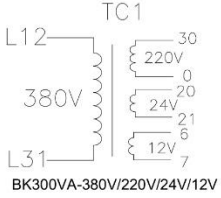
PLC program	10	Text program		Q'ty	1



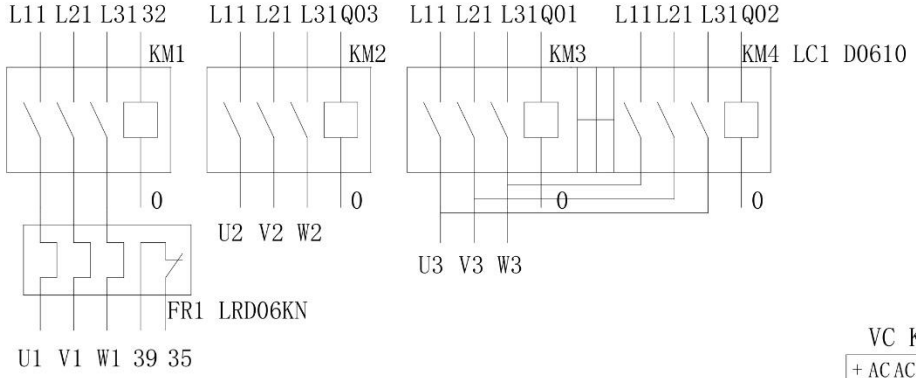


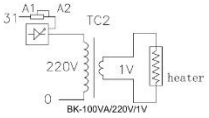


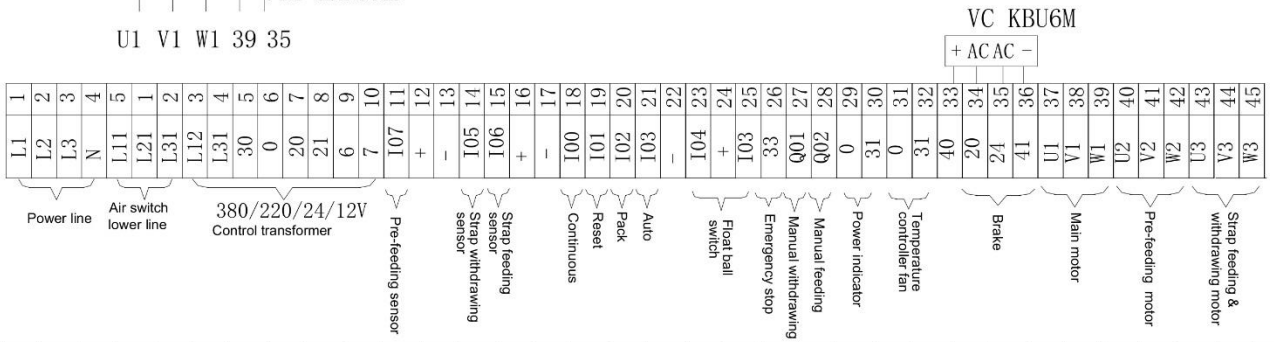




BK300VA-380V/220V/24V/12V



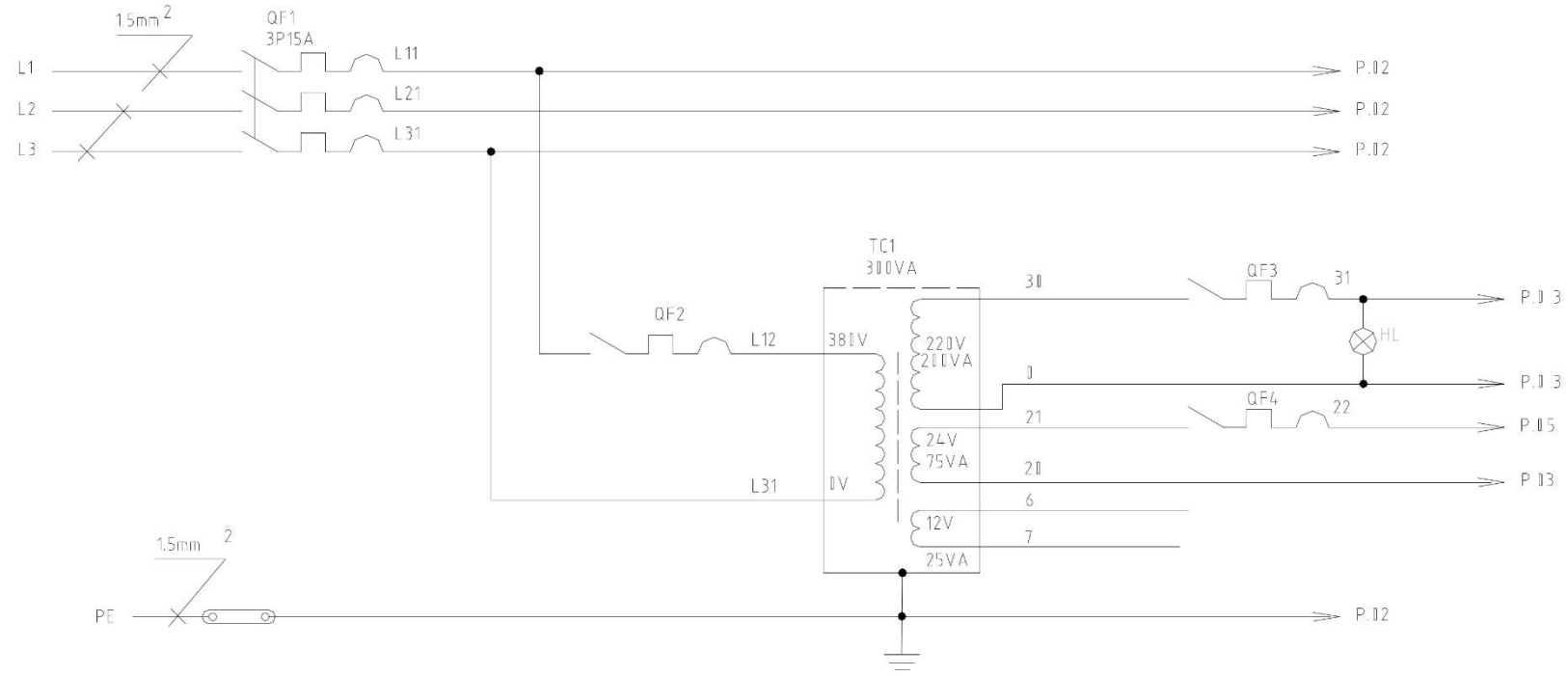




Main Power Supply and Control Power Supply

Model		MH-101A-LG
Breaker	QF1	15A/3P
Breaker	QF2	3A
	QF3,4	3A
	QF5	3A
Transformer	TC	300VA IN.AC380V OUT.AC220/24V
Total power		1.17KW

Main Input Power Supply
3Φ380V50HZ

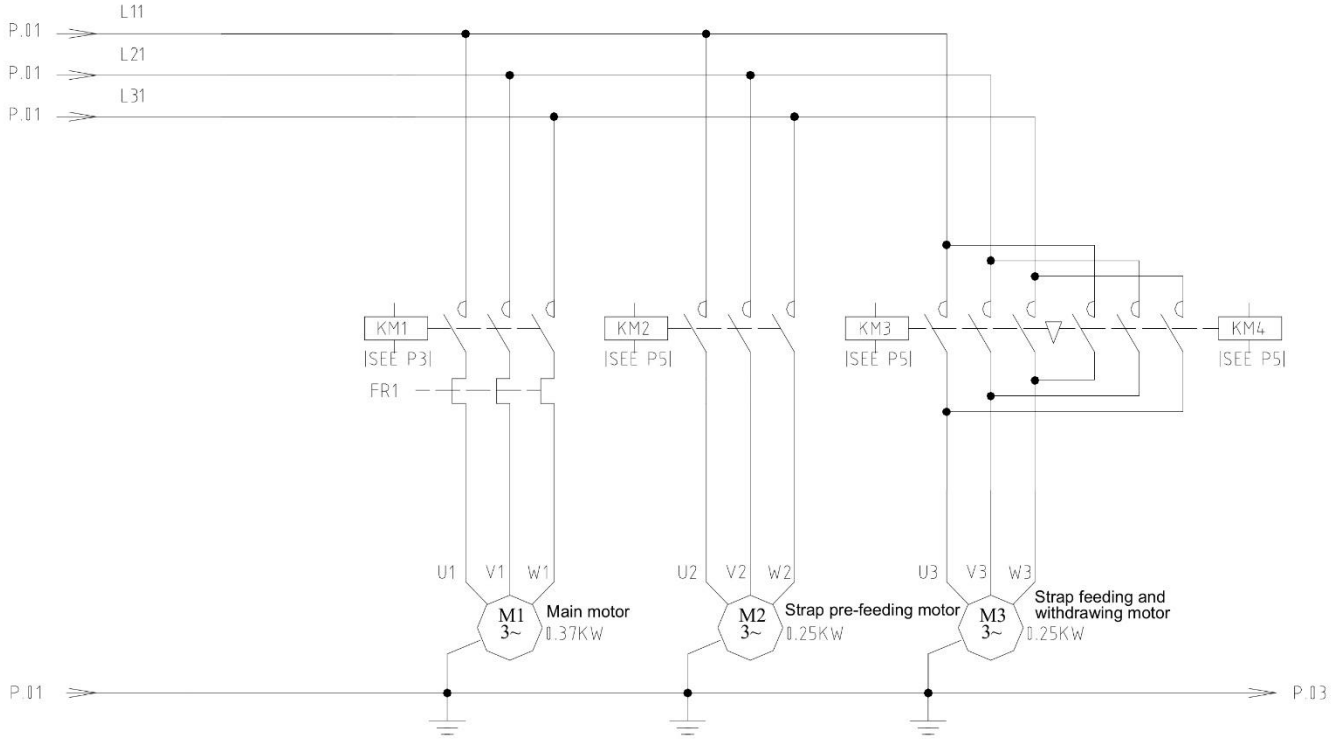


Rev.	Approved Date	Remarks	DRAWN	CHECKED
			DESIGNED	APPROVED

SCALE	TITLE	Main Power Supply and Control Power Supply
	DRAWING NO.	MH-101A-LG Strapping Machine
P 01	ISSUED DATE	

Motor Start

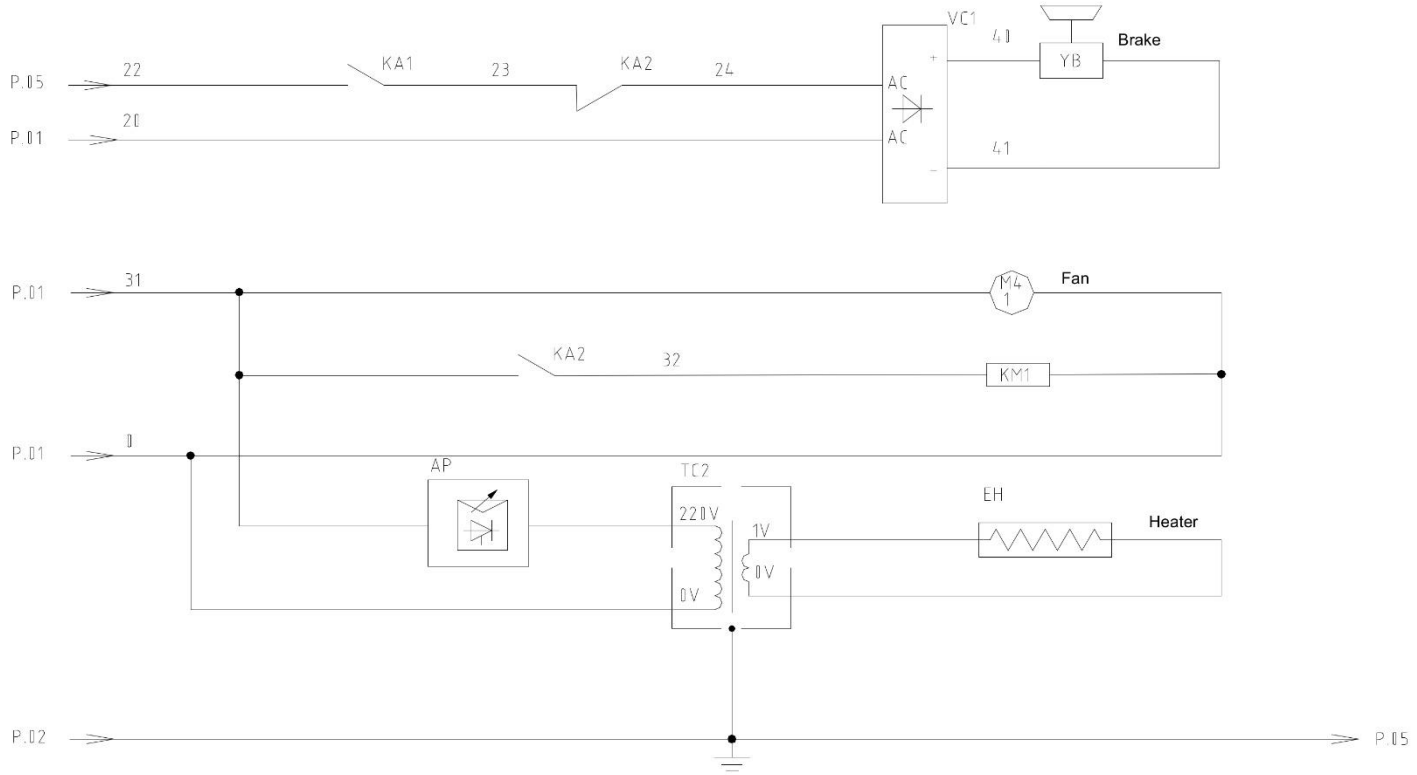
Model	MH-101A-LG	
Main motor	M1	380VAC⌀3/50HZ/0.37KW
Strap pre-feeding motor	M2	380VAC⌀3/50HZ/0.25KW
Strap feeding and withdrawing motor	M3	380VAC⌀3/50HZ/0.25KW
Overload relay	FR1;FR2	1-1.6A



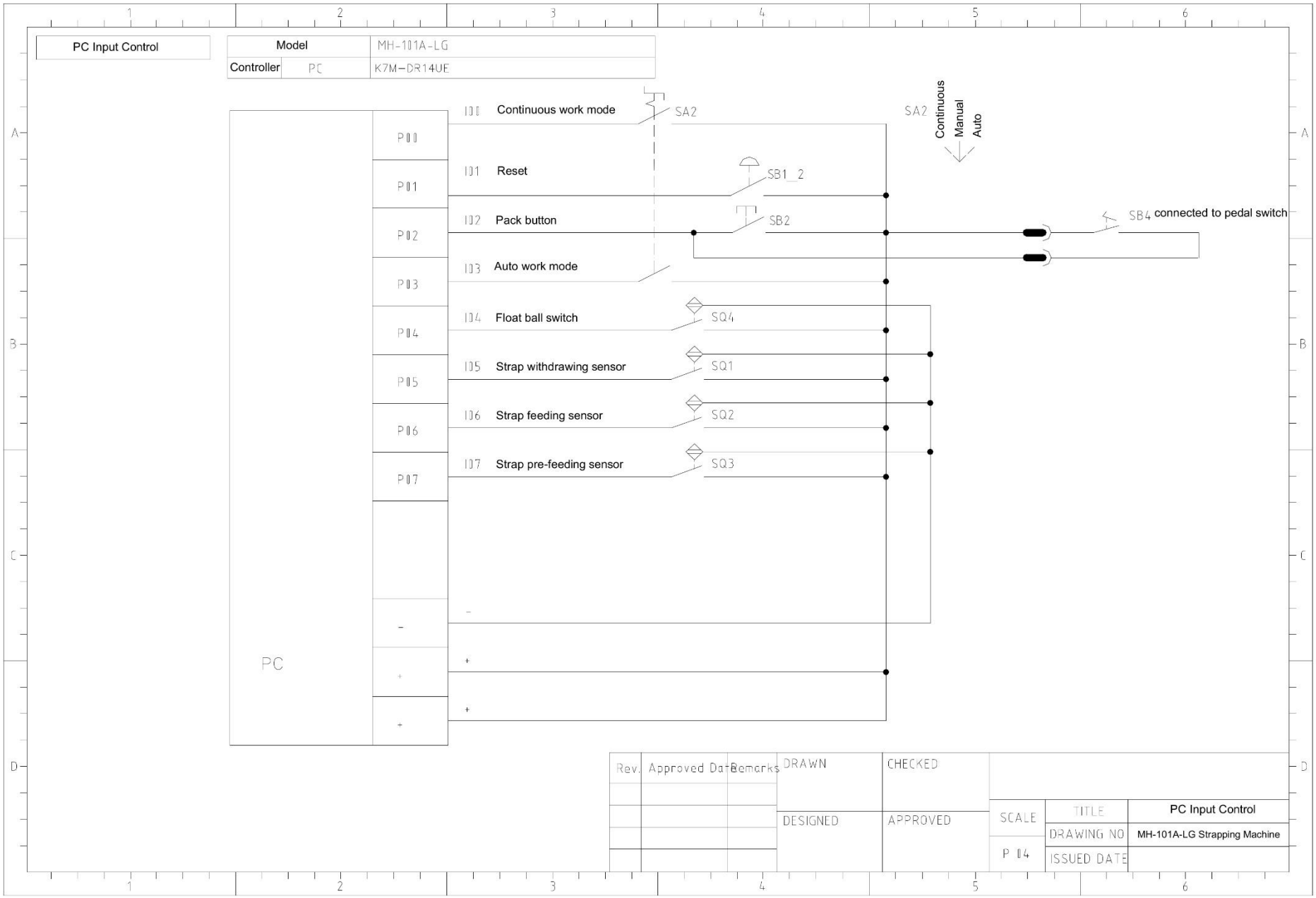
Rev.	Approved Da	Remarks	DRAWN	CHECKED		
			DESIGNED	APPROVED	SCALE	TITLE: Motor Start
					P.02	DRAWING NO: MH-101A-LG Strapping Machine
						ISSUED DATE:

Brake and Heating

Model		MH-101A-LG
Brake	YB	DC24V 0.7A
Rectifier	VC	KBU6M
Big fan	M4	220VAC
Transformer	TC2	100VA IN:AC220V OUT:AC1V
Temperature controller	AP	0-200VAC, 0-300℃

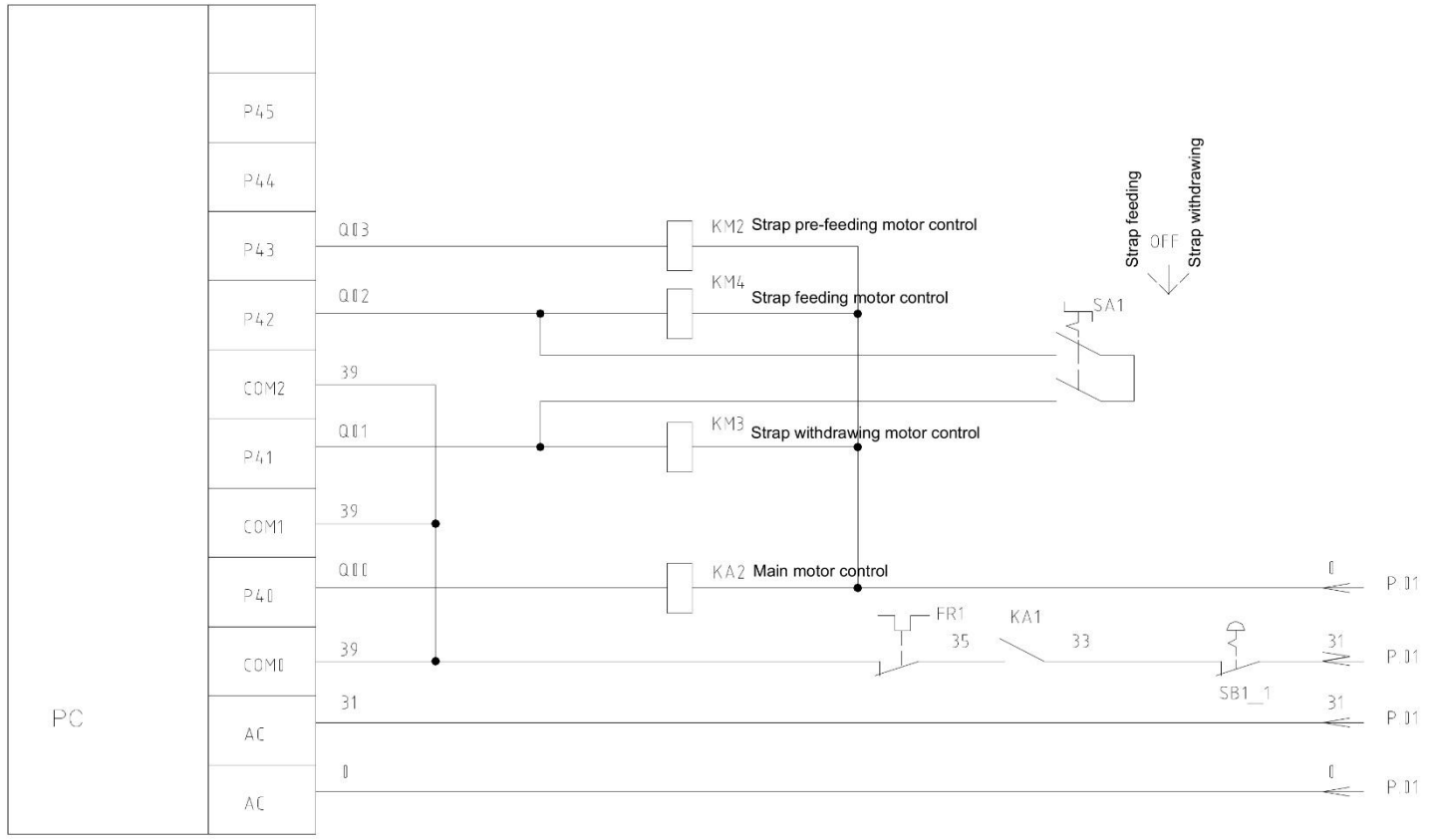


Rev.	Approved Dat	Remarks	DRAWN	CHECKED		
			DESIGNED	APPROVED	SCALE	TITLE: Brake and Heating
					P. 03	DRAWING NO.: MH-101A-LG Strapping Machine
						ISSUED DATE:


PC Input Control
Model
MH-101A-LG
Controller
PC
K7M-DR14UE
PC
P00
P01
P02
P03
P04
P05
P06
P07
-
+
+
I00 Continuous work mode
SA2
SA2
Continuous
Manual
Auto
I01 Reset
SB1_2
I02 Pack button
SB2
SB4 connected to pedal switch
I03 Auto work mode
I04 Float ball switch
SQ4
I05 Strap withdrawing sensor
SQ1
I06 Strap feeding sensor
SQ2
I07 Strap pre-feeding sensor
SQ3
Rev.
Approved Date
Remarks
DRAWN
CHECKED
DESIGNED
APPROVED
SCALE
P 14
TITLE
PC Input Control
DRAWING NO
MH-101A-LG Strapping Machine
ISSUED DATE

PC Output Control

Model		MH-101A-LG
Controller	PC	K7M-DR14UE



Rev.	Approved Da	Remarks	DRAWN	CHECKED		
			DESIGNED	APPROVED	SCALE	P 05

TITLE	PC Output Control
DRAWING NO.	MH-101A-LG Strapping Machine
ISSUED DATE	