

CS-50AF Auto Folding Case Sealer



Operating
Manual

Thank you for your purchase of the SNEED-PACK CS-50AF auto folding carton sealer. In this manual you will find the basic operating and maintenance procedures to ensure your success with the CS-50AF. Please read the manual carefully before operating the equipment.

Safety Precautions



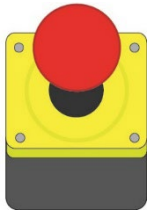
- Keep hands clear of any moving parts while the case sealer is in operation and always power down prior to inspection. Failure to do so may cause bodily harm.



- Risk of electric shock, make sure the machine is properly grounded before use.



- Do not alter the mechanical or electrical systems. Any changes could result in malfunction or injury.

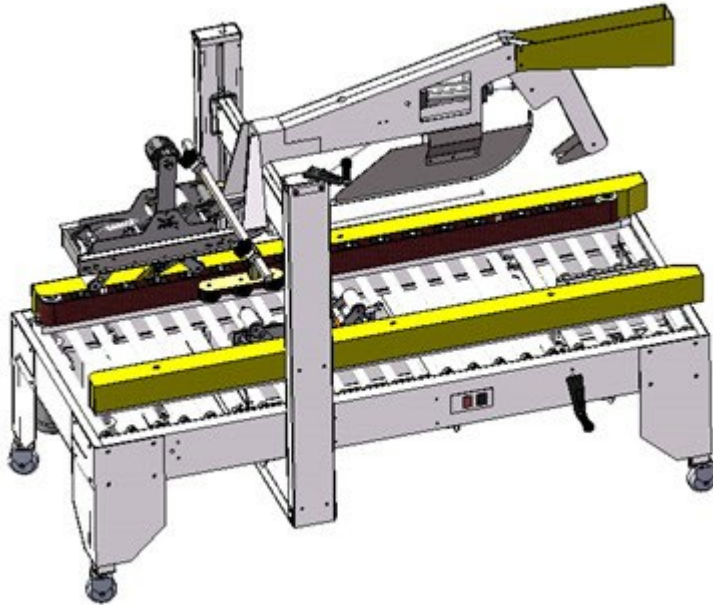


- Always turn off power to the case sealer when changing the tape roll or performing maintenance.

Contents

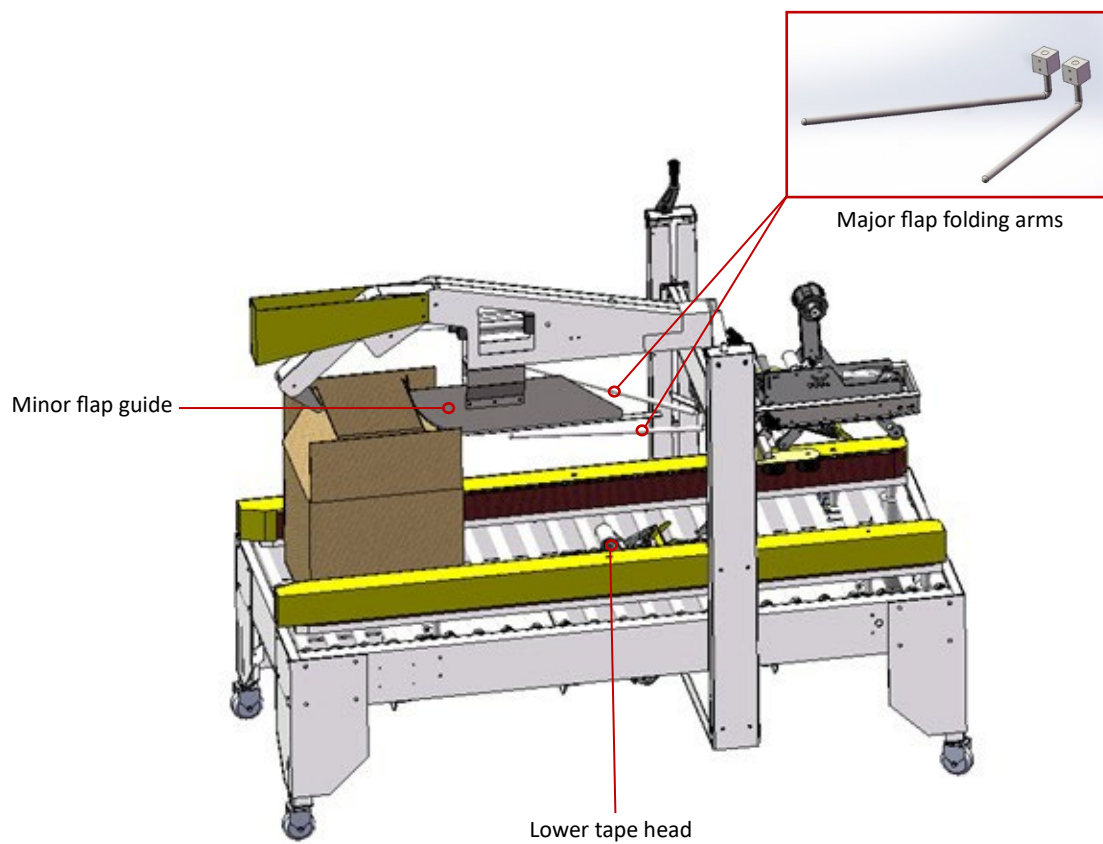
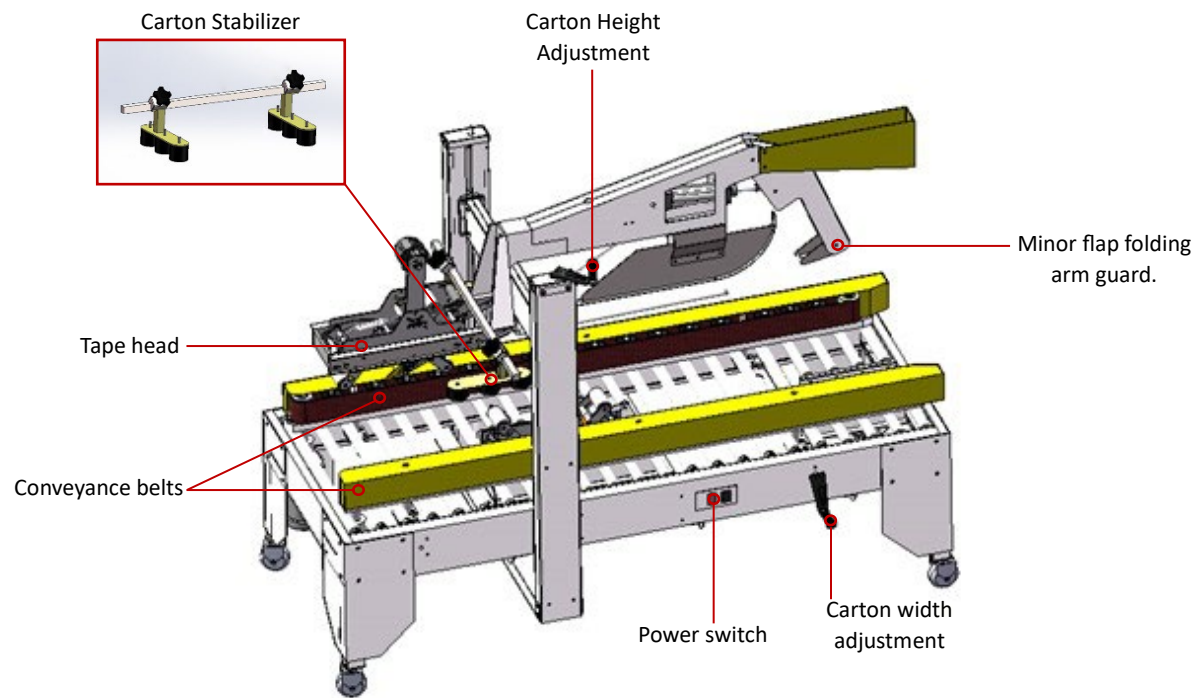
Specifications	4
Diagram	5
Setting up the Case Sealer	5
Adjusting the deck height	6
Adjusting for your carton dimensions.....	7
Installing the tape	8
Adjusting the tape position.....	9
Setting the tape tension.....	9
The Pneumatic Circuit.....	10
Exploded Views	12
Main frame exploded view	13
Exploded view of adjusting mechanism.....	14
Conveying Mechanism	17
Tape Head	19
Cutting Head	26
Tape Arm	28
Electrical control	36
Electrical control diagram	36
Pneumatic control diagram.....	38

Specifications



- ✿ **Box Height:** 150mm - 500mm
- ✿ **Box Width:** 150mm - 500mm
- ✿ **Box Length:** 200mm – 600mm
- ✿ **Speed:** 15 – 20 cases/min
- ✿ **Machine Dimensions:** L 177cm x W 85cm x H 152cm
- ✿ **Power supply:** 120V @ 50Hz
- ✿ **PSI:** 6kg/cm²
- ✿ **Tape:** 48 mm
- ✿ **Machine Weight:** 507 lbs.

Diagram



Setting up the Case Sealer

Adjusting the deck height

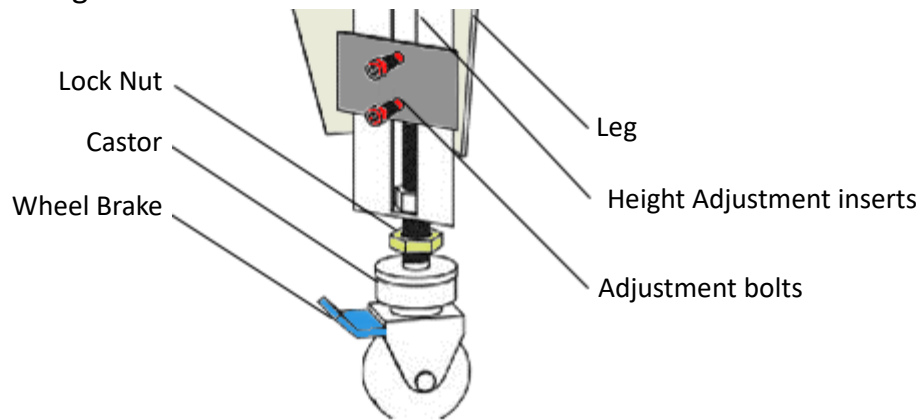


Figure 2

1. Begin by lifting the case sealer to the desired height with a pallet fork, dolly, or jack and secure it safely in place.
2. Loosen the “adjustment bolts” on each leg and allow the “Height adjustment Insert” to drop the floor.
3. Tighten the adjustment bolts and repeat these steps for each leg.
4. Once you have tightened all of the legs remove the lifting device holding the case sealer in place.

🔴 Always consider safety and never lay down underneath the case sealer while adjusting the legs.

Adjusting for your carton dimensions.

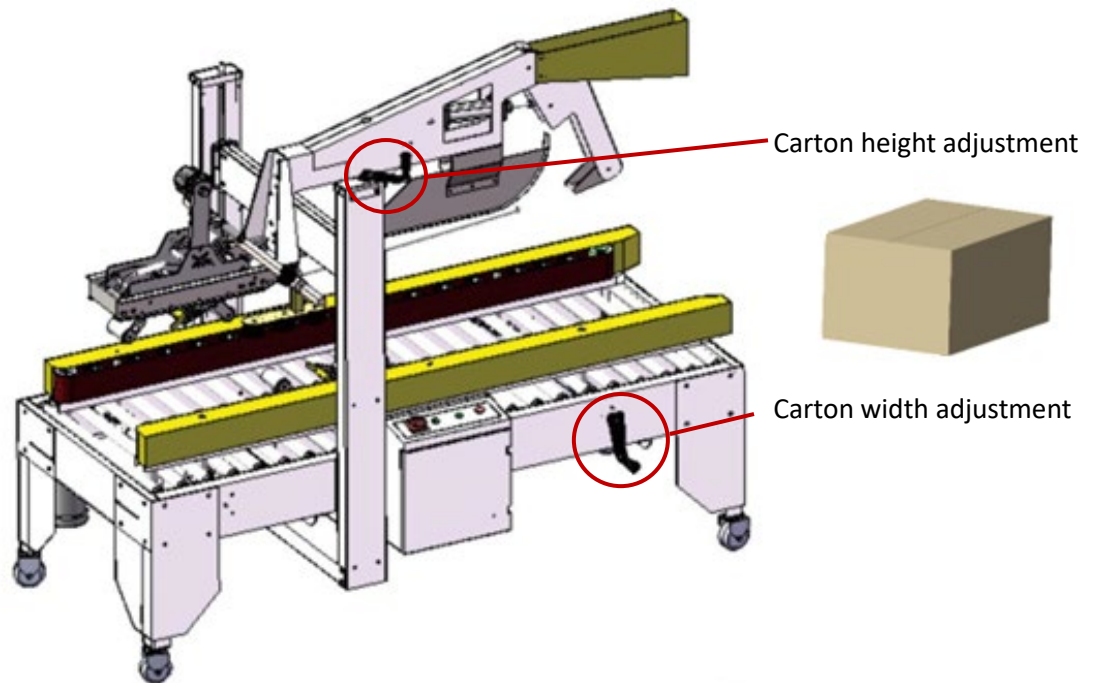
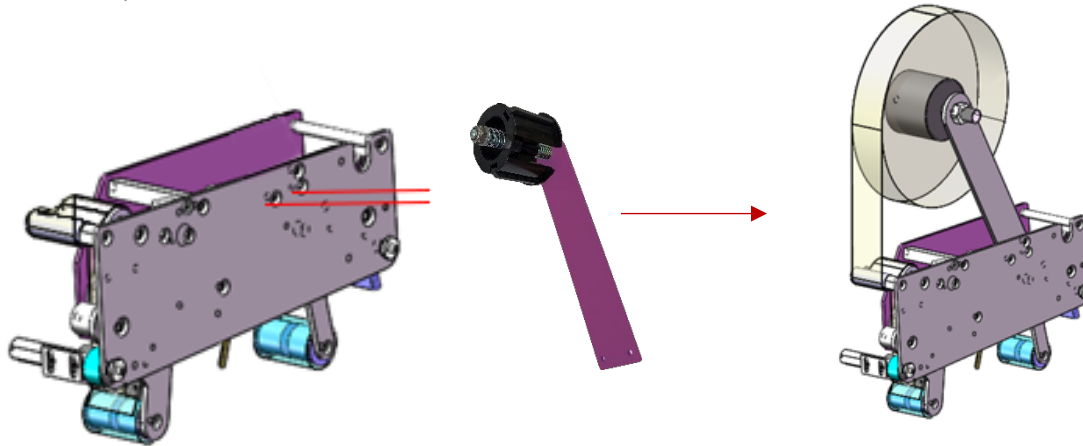


Figure 3

1. To set the case sealer to fit the dimensions of your carton/case use the adjustments shown in Figure 3.
2. The adjustment handles will be installed backwards for shipping, remove them using the included 10mm wrench and reinstall.

Installing the tape

1. Begin by attaching the tape arms to each tape head using the included screws. (top and bottom)



2. Next Install the tape onto the tape wheel so that when you pull the tape down the adhesive side is facing outward.
3. Now guide the tape under the first guide roller, over the one-way roller, and through the clip just above the last guide roller. **The red line in figure 5 shows the tape path**

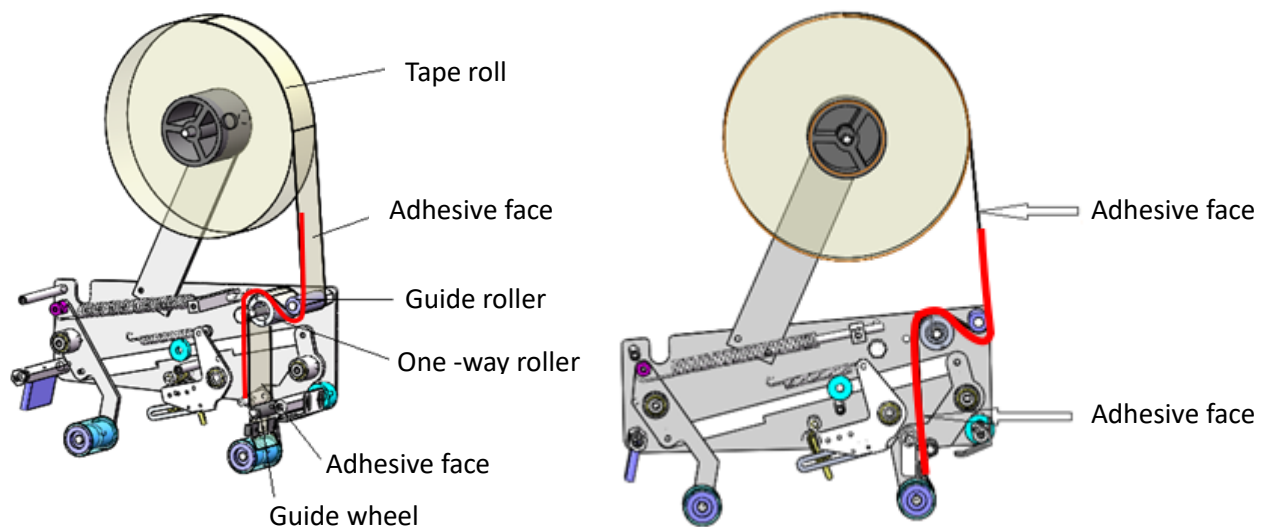
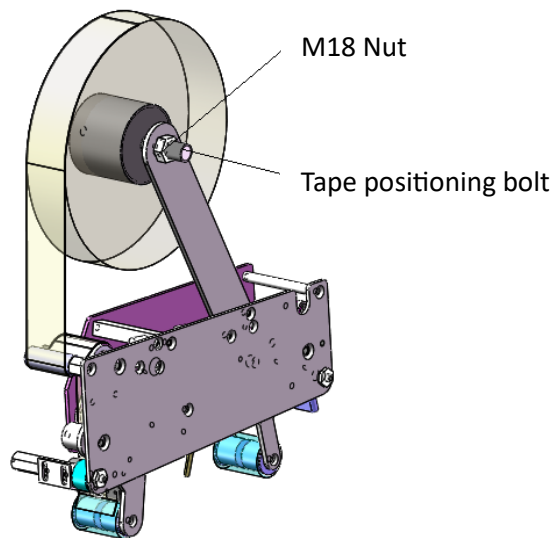


Figure 5

Adjusting the tape position

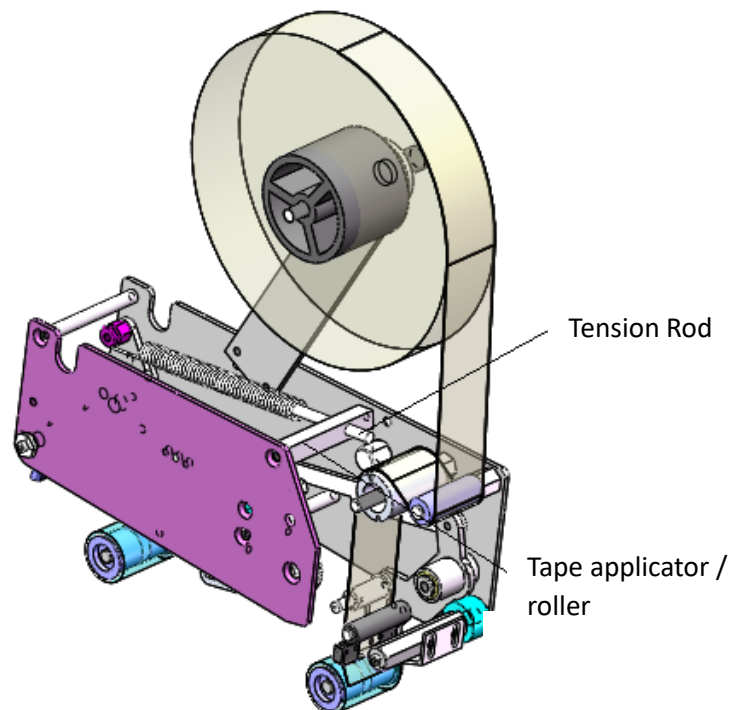
If you find that your tape is not lining up with the center of the box seems you can use the M18 nut shown in figure 6 to reposition the tape.

1. Remove the tape roll
2. Loosen the nut
3. Thread the tape spindle in or out to move the tape to the left or right on the arm.
4. Tighten the M18 nut into place when you have set the desired position.

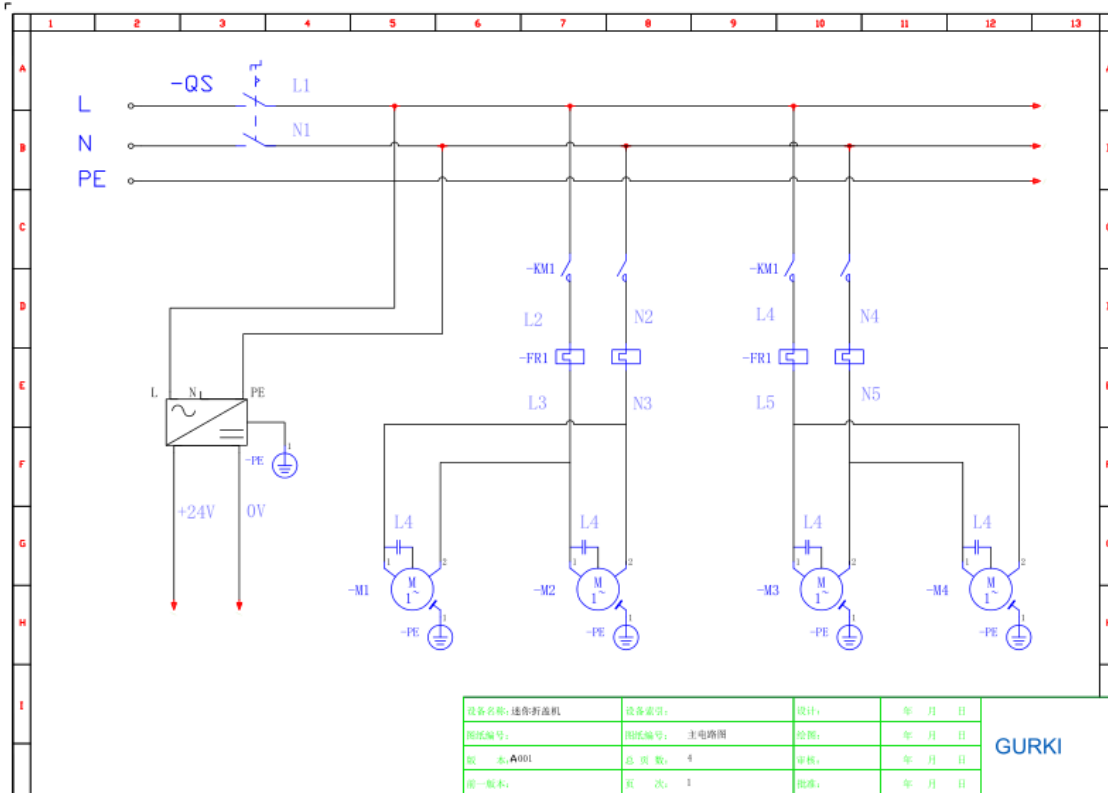


Setting the tape tension

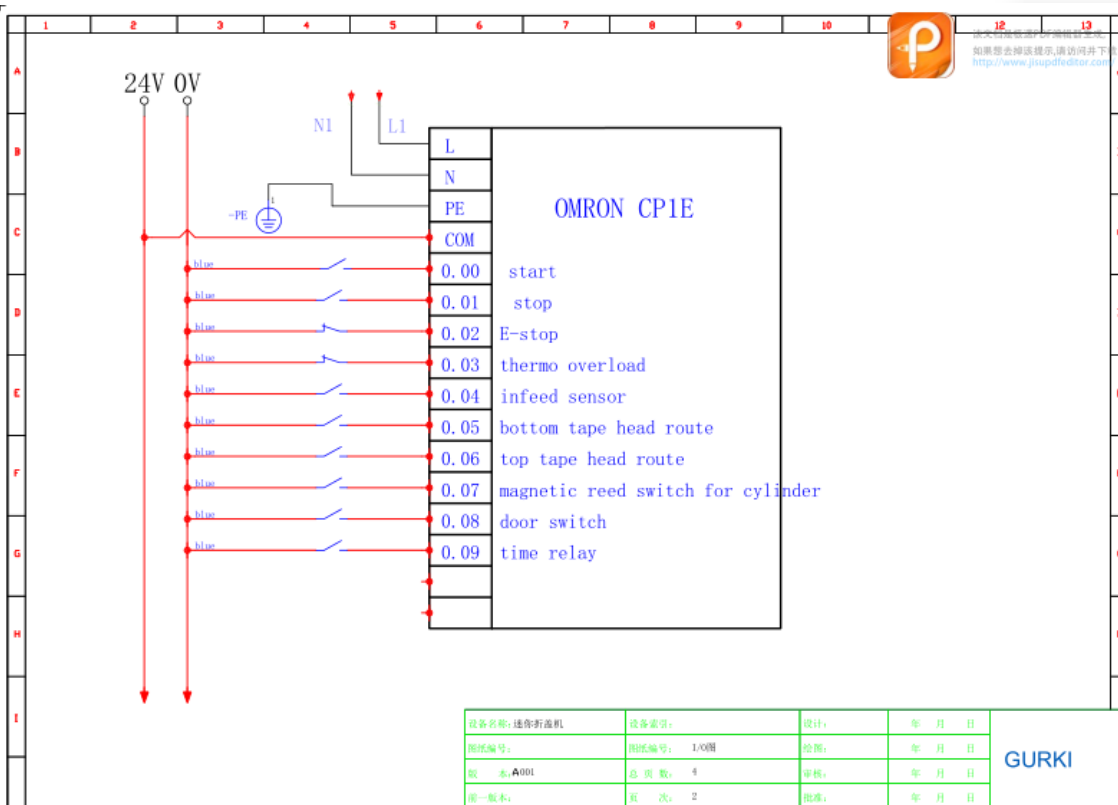
- ✿ The tape applicators will come to you already adjusted. You may find that over time the tension needs to be adjusted.
- ✿ To loosen or tighten the tension of the tape applicators use the nut on the end of the tension rod
- ✿ Turn the nut right to tighten the spring and to the left to loosen



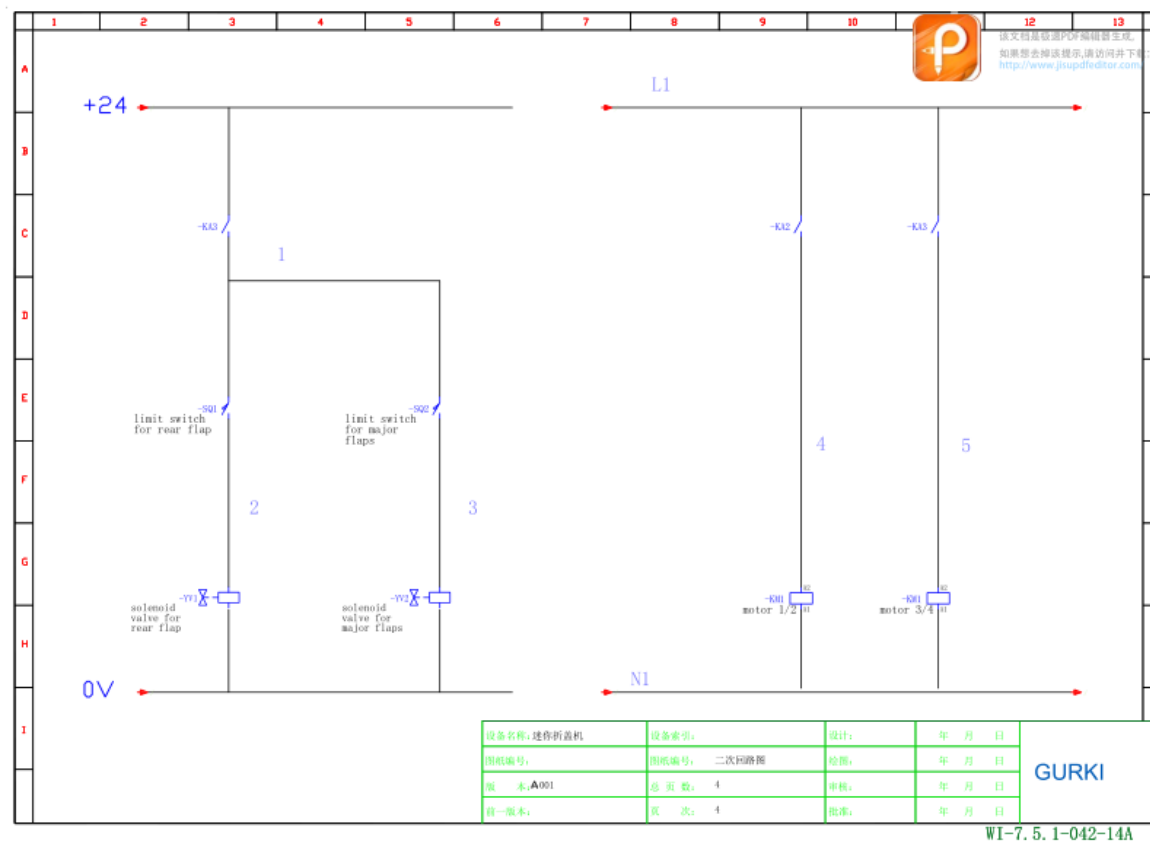
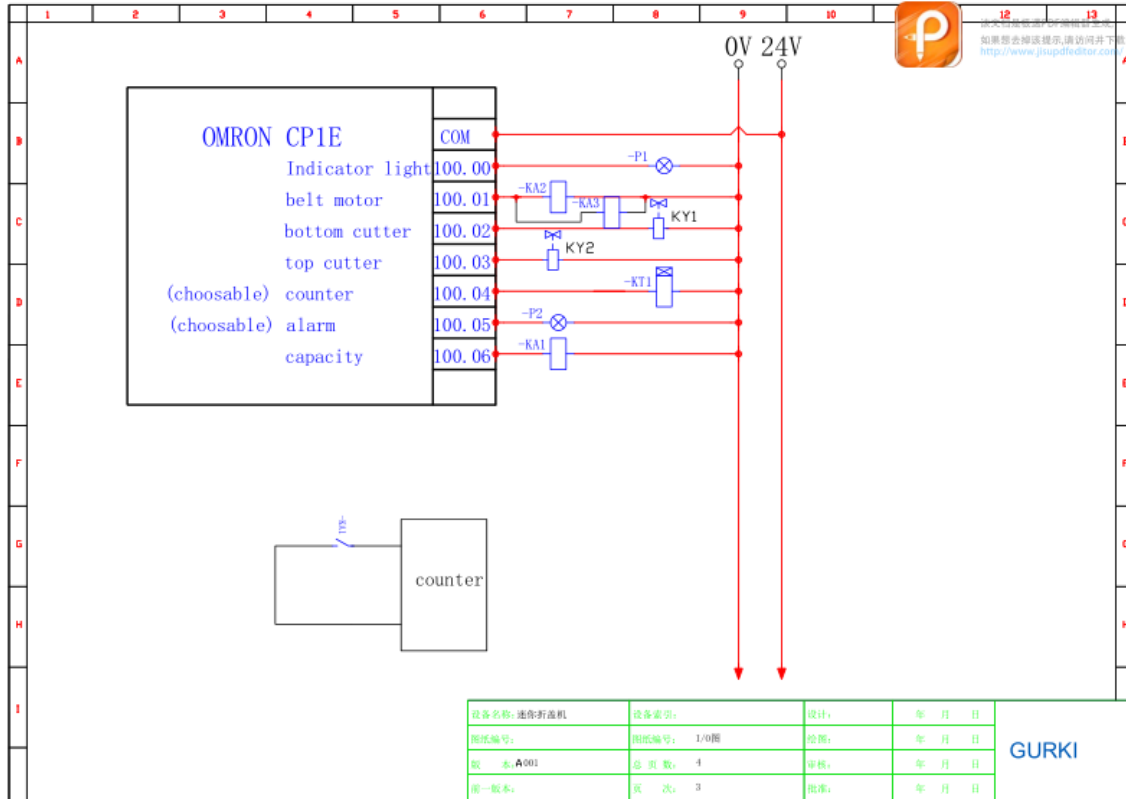
The Pneumatic Circuit



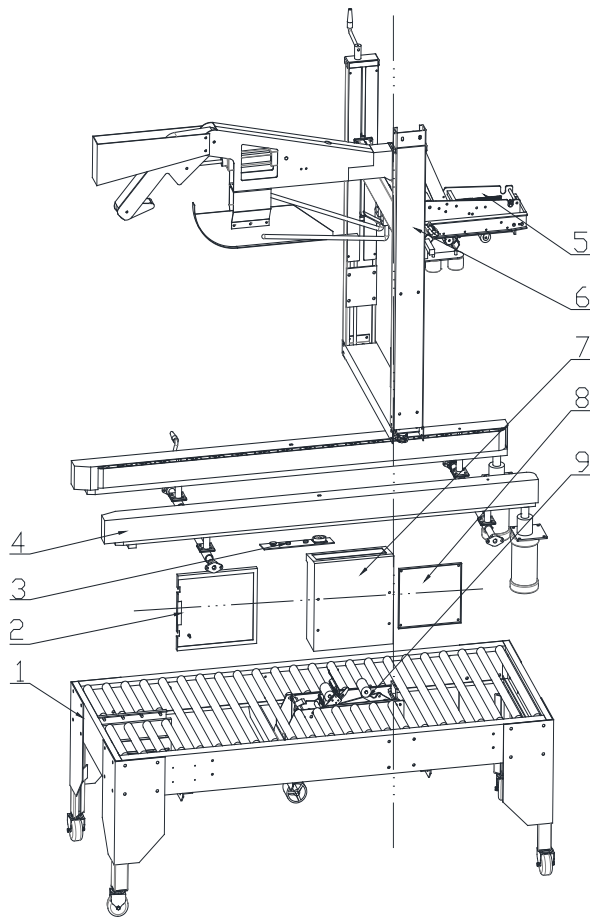
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WI-7.5.1-042-14A

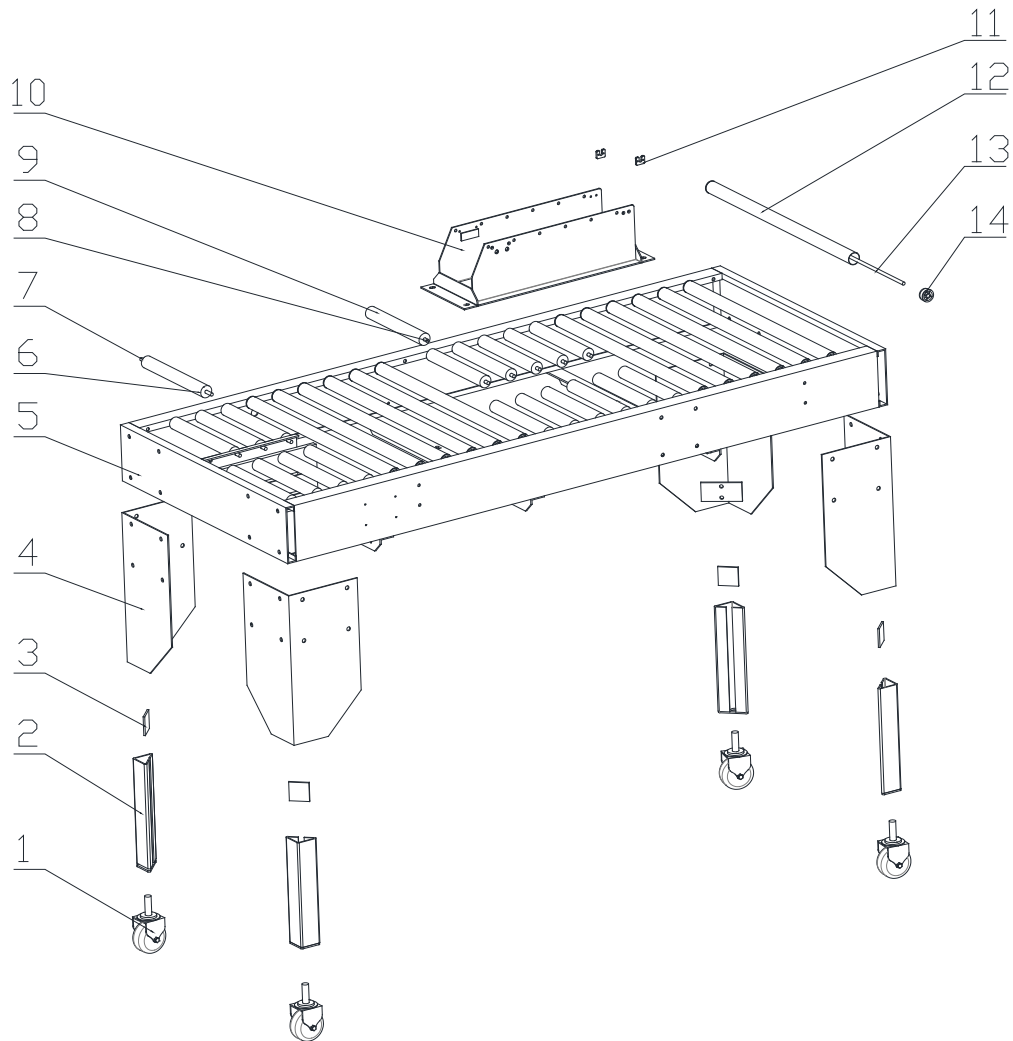


Exploded Views



S/N	Name	S/N	Name
1	Main frame	6	Adjusting mechanism
2	Electric box door	7	Electric box body
3	Control panel	8	Switch panel
4	Belt nveying mechanism	9	Lower mandrel
5	Upper mandrel		

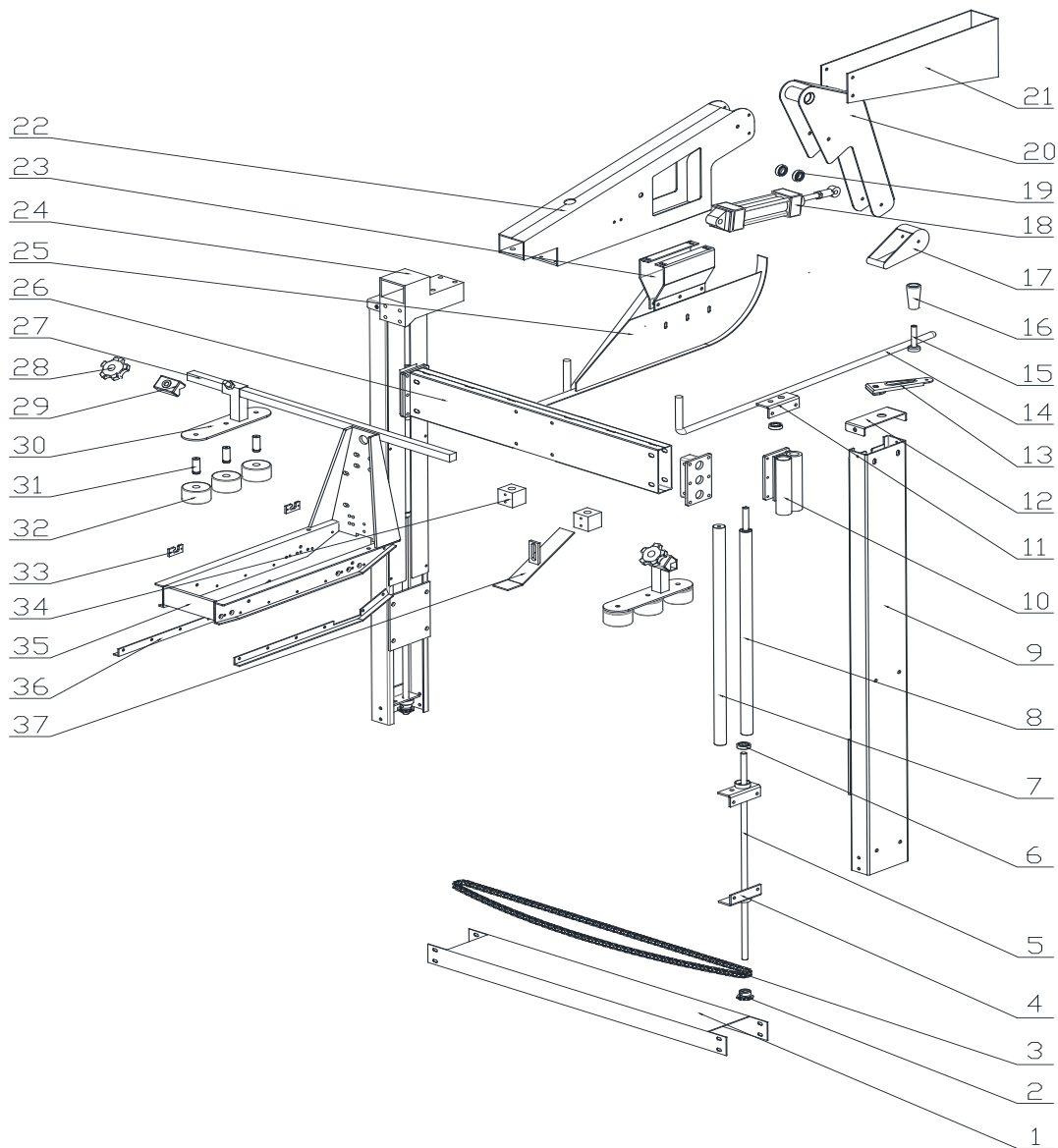
Main frame exploded view



S/N	Name	wUnit	Quantity
1	Casters	Pcs	4
2	Adjusting	Pcs	4
3	Lining board	Pcs	4
4	Undercarriage	Pcs	4
5	Frame	Pcs	1
6	Roller 260	Pcs	8
7	Roller shaft 310	Pcs	8

8	Roller 235	Pcs	12
9	Roller shaft 260	Pcs	12
10	Lower bracket	Pcs	1
11	Single U-shaped cleat	Pcs	2
12	Roller 625	Pcs	13
13	Roller shaft 670	Pcs	13
14	Roller rubber plug	Pcs	66

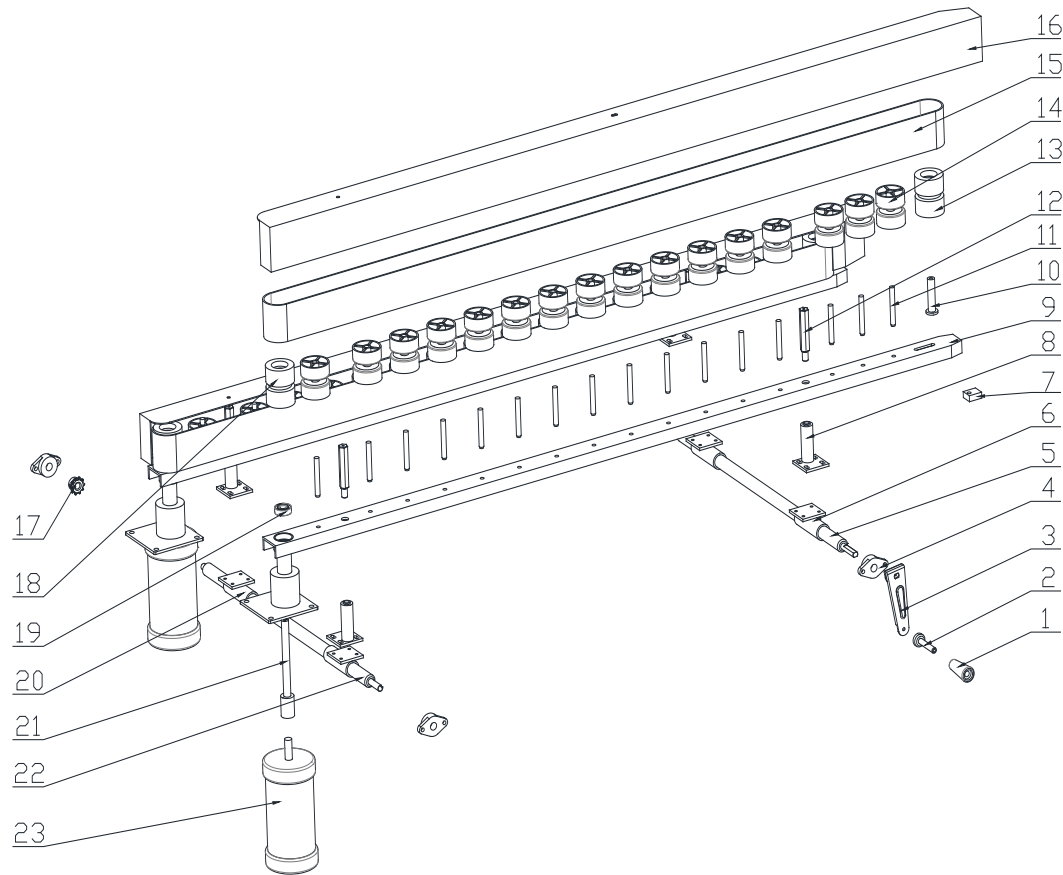
Exploded view of adjusting mechanism



S/N	Name	Unit	Quantity
1	Chain cover	Pcs	1
2	3/8-inch chain wheel	Pcs	4
3	3/8-inch chain	Pcs	2
4	Lifting bearing seat (external)	Pcs	2
5	Lifting spindle extension	Pcs	4
6	Bearing 6001	Pcs	18
7	Lifting guide rod	Pcs	2
8	Lifting threaded rod	Pcs	4
9	Pillar	Pcs	4
10	Single upright double threaded tube (right/left)	Pcs	4
11	Lifting bearing seat (internal)	Pcs	8
12	Upper cover plate	Pcs	4
13	Hand crank	Pcs	1
14	Shrimp angle pincher	Pcs	2
15	Crank shaft	Pcs	1
16	Rubber handle	Pcs	1
17	Rear cover folding accessories	Pcs	1
18	Cylinder	Pcs	1
19	Bearing 6202	Pcs	6
20	Strike rod	Pcs	1
21	Strike rod shield	Pcs	1

22	Strike rod connecting seat	Pcs	1
23	Partition board fixed seat	Pcs	2
24	Strike rod fixed seat	Pcs	1
25	Partition board	Pcs	1
26	Lifting beam	Pcs	1
27	Guide rod	Pcs	1
28	Quincunx handle	Pcs	2
29	Lateral pinch roller gland	Pcs	2
30	Lateral pinch roller rod	Pcs	2
31	Active lateral pinch roller rod	Pcs	6
32	Lateral pinch roller	Pcs	6
33	Single U-shaped cleat	Pcs	2
34	Shrimp angle pincher holder	Pcs	2
35	Upper bracket	Pcs	1
36	Upper bracket guide plate	Pcs	2
37	Inlet front guide plate	Pcs	1

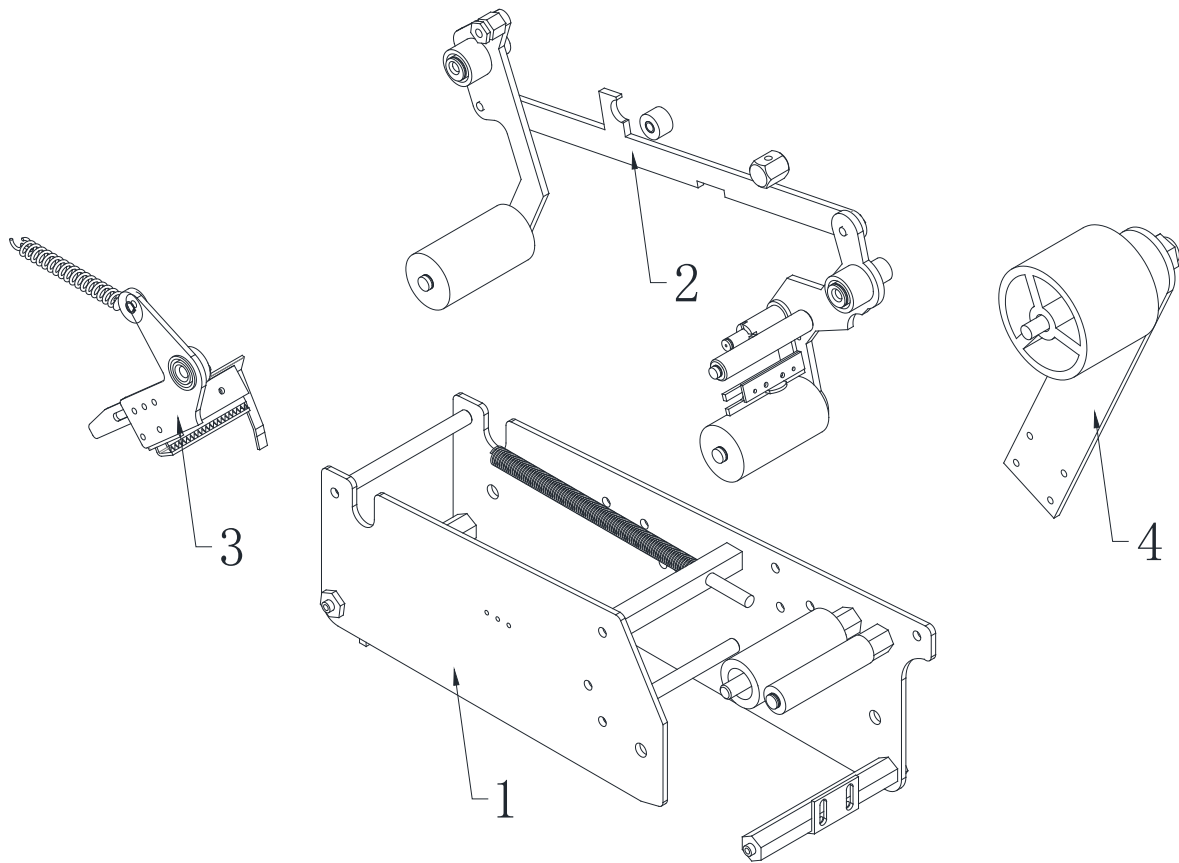
Conveying Mechanism



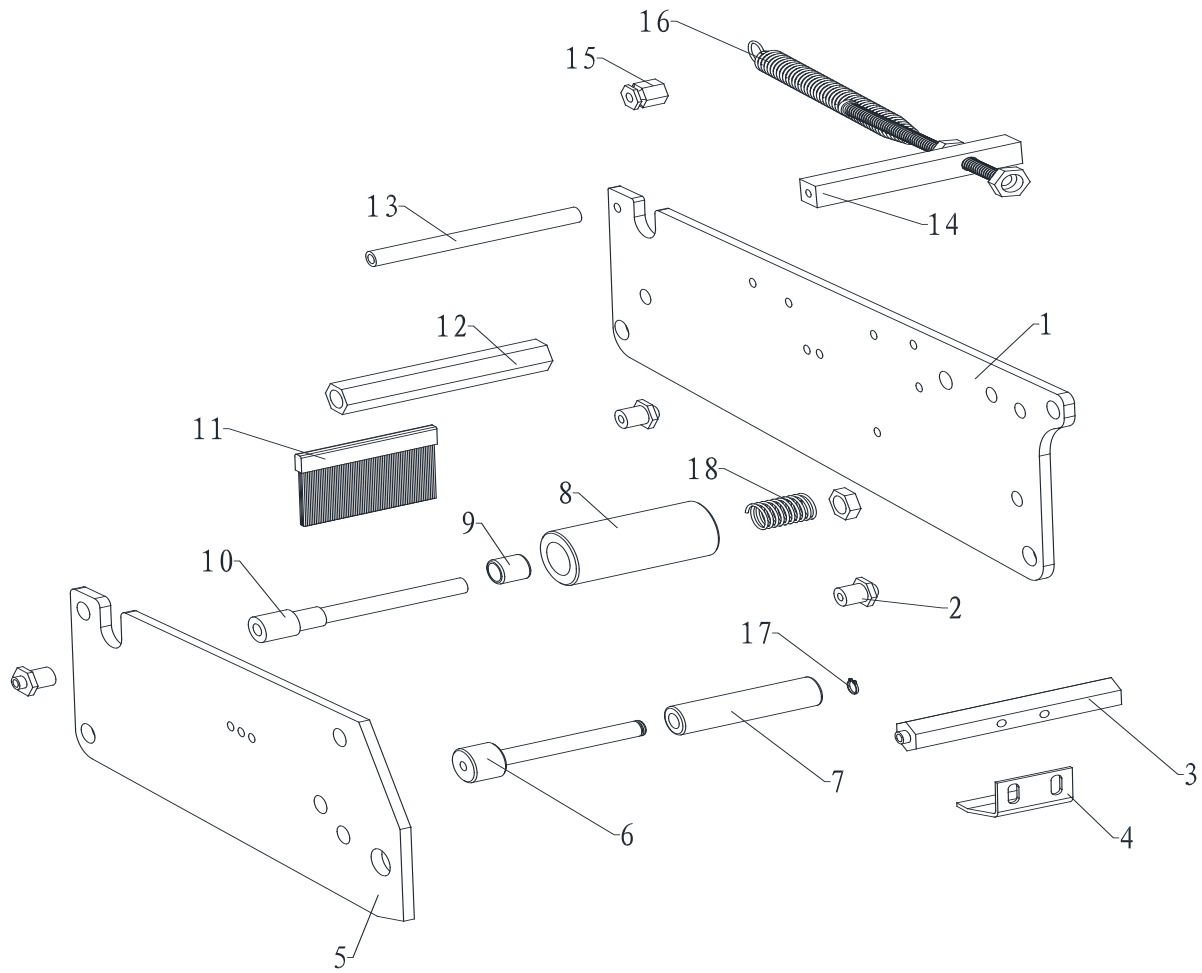
S/N	Name	Unit	Quantity
1	Rotary handle sleeve	Pcs	1
2	Crank shaft	Pcs	1
3	Hand crank	Pcs	1
4	Prismatic bearing seat	Pcs	4
5	Left and right threaded rod (front)	Pcs	1
6	Left and right threaded tube (left)	Pcs	2
7	Belt adjusting block	Pcs	2

8	Belt holder support seat	Pcs	4
9	Belt holder	Pcs	2
10	Driven shaft	Pcs	2
11	Single-hole idler shaft	Pcs	32
12	Belt cover support pillar	Pcs	4
13	Driven wheel	Pcs	2
14	Idler wheel	Pcs	32 96
15	Belt	Pcs	2
16	Belt cover	Pcs	2
17	3/8-inch chain wheel	Pcs	2
18	Driving wheel	Pcs	2
19	Bearing 6202	Pcs	1
20	Left and right threaded tube (right)	Pcs	2
21	Driving shaft	Pcs	1
22	Left and right threaded rod (rear)	Pcs	1
23	Motor	Pcs	2

Tape Head



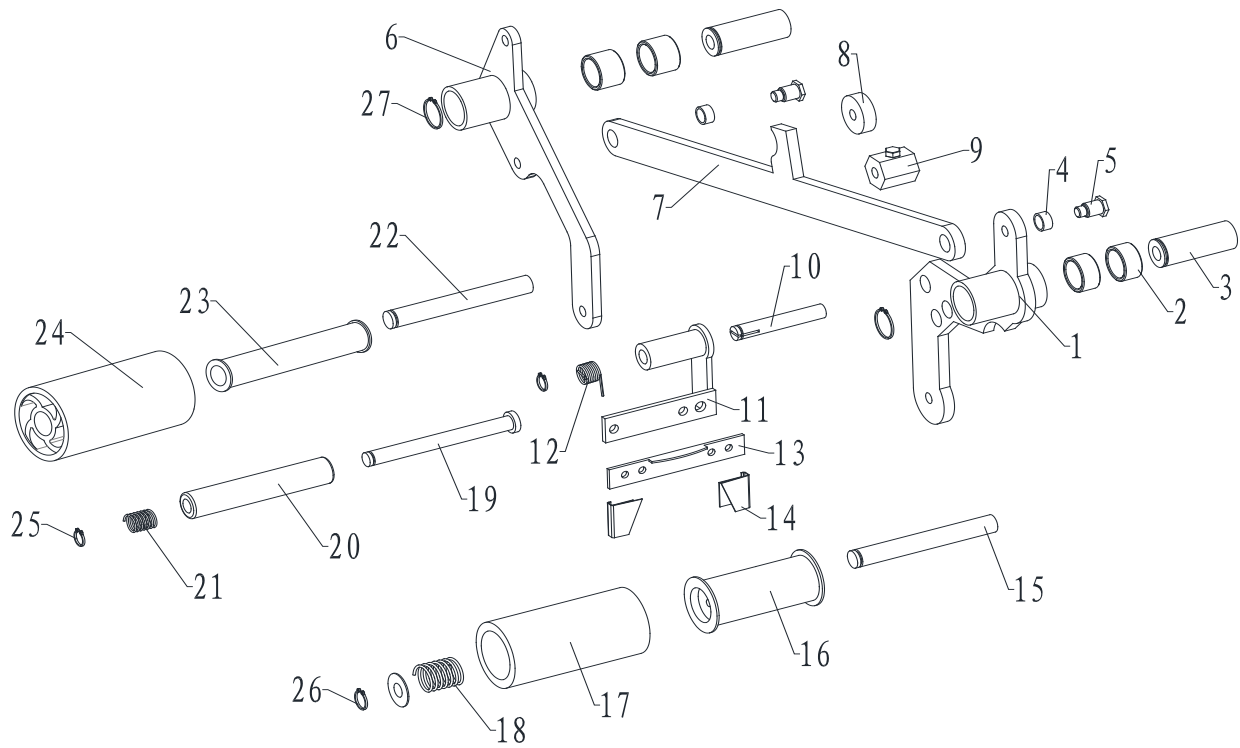
S/N	Name	Quantity	Remarks
1	Mandrel rack	1	
2	Swing arm	1	
3	Cutter	1	
4	Tape holder	1	



S/N	Specification	Name	Quantity
1	434*147*4	Left panel (large)	1
2	17*20//45/galvanized	Hexagonal threaded axle	3
3	Subtense 17*128	Front pivot axle	1

4		Front guide plate	1
5	310*135*4	Small right panel	1
6	Subtense 17*101	PE guide wheel shaft	1
7	φ 20*80	PE tape guide roller	1
8	φ 35*80	One-way knurl wheel	1
9		One-way bearing	1
10	Subtense 14*118	One-way wheel axle	1
11	8*11*46*75MM/3-cun (cun: a Chinese length unit)	Brush	1
12	Subtense 17*116	Brush locked axle	1
13	φ 10*116	Panel locked axle	1
14	Subtense 14*116	Square locking axle of main tension spring	1
15	Subtense 14*17	Main tension spring locked hexagonal axle	1
	φ 1.8* φ 13.5*220		

16		Long tension spring (lower)	1
17	φ 10	Shaft circlip (external circlip)	1
18	φ 1.6* φ 12.5*25	One-way wheel pressure spring	1



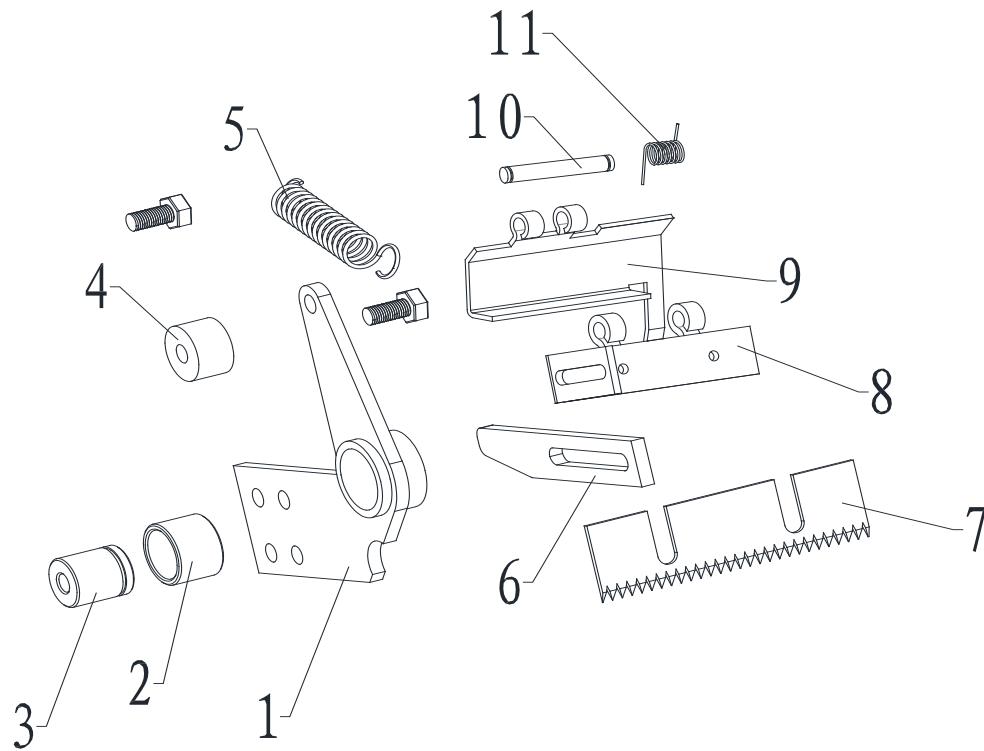
S/N	Specification	Name	Quantity
1		Front swing arm/forward	1
2	$\phi 16 * \phi 20 * 12$	Forward and backward swing cutter copper bush	4
3	15.9*43	Front and rear swing arms fixed axle (eccentric shaft)	2
4	$\phi 8 * \phi 10 * 4.9$	Connecting rod copper bush	2

5	10*10*15.5//45/galvanized	Connecting rod hexagonal threaded axle	2
6		Rear swing arm/forward	1
7	356*20*5	Connecting rod	1
8	φ 8* φ 18*12	Connecting rod catch wheel	1
9	Subtense 17*20	Tape sticker wheel adjusting hexagon prism	1
10	φ 8*50	U-shaped tape guide holder axle	1
11		Tape support rack (right, U- shaped)	1
12	φ 1.2* φ 10*14	Top flat torsion spring/right torsion spring	1
13	78*12*2	Tape top plate	1
14		Cleat	2
15	φ 10*81	3-cun tape sticker wheel axle	1

16	φ 10.1* φ 28*82/black rubber	Front rubber wheel center sleeve 3-cun	1
17	φ 26*38*80.5/black rubber	Front rubber wheel 3-cun	1
18	φ 1* φ 14*22//65N/galvanized	Rubber wheel pressure spring - pressure spring	1
19	φ 11*84	Knurling guide wheel axle	1
20	φ 15*80	Knurling guide wheel	1
21	φ 0.8* φ 9.9*12//65N/galvanized	Small knurling guide wheel pressure spring	1
22	φ 10*85.5//A3/galvanized	Tape wheel axle	1
23	φ 10.1* φ 16*83/black rubber	Rear rubber wheel center sleeve 3-cun	1
24	φ 15*43*82/black rubber	Rear rubber wheel 3-cun	1
25	φ 8	Shaft circlip (external circlip)	2
26	φ 10	Shaft circlip (external circlip)	2

27	φ 16	Shaft circlip (external circlip)	2
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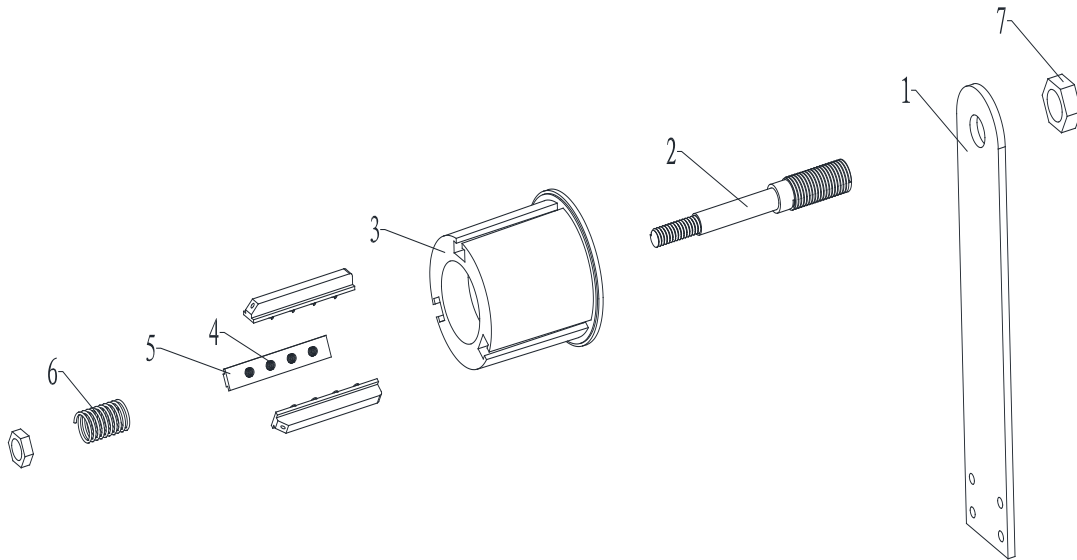
Cutting Head



S/N	Specification	Name	Quantity
1	95.2*95*12//45/galvanized	Cutter holder: One side is triangular (regular)	1
2	φ 16* φ 20*12	Forward and backward swing cutter copper bush	1

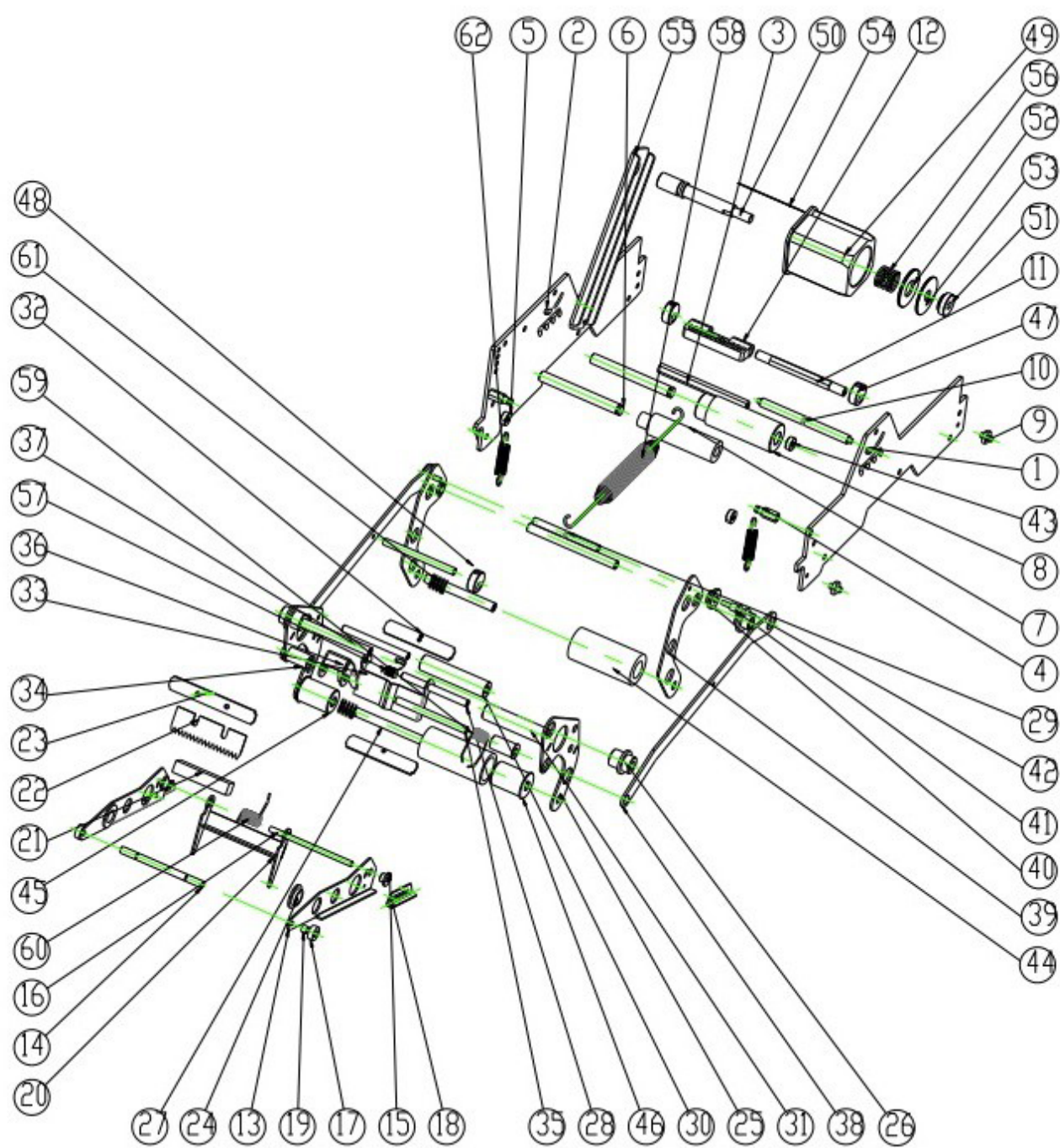
3	φ 15.9*15.5	Cutter seat fixed axle	1
4	φ 18* φ 22*6	Cutter rack catch wheel	1
5	φ 1.2* φ 10*51.6	Cutter tension spring	1
6	90*15*4	Extended sheet	1
7	K-84*25*1.5-28T	Blade: 3- cun/old	1
8	93*20	Bracket/cutter rack: L-shaped	1
9	85*66	Cutter cover	1
10	φ 5*50	Cutter cover shaft center	1
11	φ 0.8* φ 6*10.2	Cutter cover torsion spring	1

Tape Arm



S/N	Specification	Name	Quantity
1	270*50*5	Tape holder support chip	1
2	M18*1*130	Tape holder fixed axle	1
3	$\phi 85 * \phi 12.1 * 64$ /polyamid (PA)	Tape holder (round tape)	1
4	$\phi 0.6 * \phi 3.5 * 13$ //65N/galvanized	Small pressure spring of tape wheel	12
5	12*9*61/polyamid (PA)	Tape holder tensioning block/tape holder (round tape) accessories	3

6	ϕ 2.2* ϕ 18*32	Pressure spring of tape wheel	1
7	M18*1*10	Tape holder fixed nut	1
8			



S/N	Graph	Name	Quantity
1		Mounting plate A	1
2		Mounting plate B	1
3		Hexagon fixed axle	1
4		Cutter tension spring axle	2
5		Cutter rack positioning nut	2
6		One-way wheel axle	2
7		PE wheel	1
8		One-way wheel	1
9		Tape sticker fixing screws	4
10		Main tension spring axle	1

11		Brush locked axle	1
12		Brush	1
13		Cutter plate	2
14		Cutter rack fixed axle	1
15		Cutter cover shaft sleeve	2
16		Cutter cover fixed axle	1
17		Cutter rack ring washer	2
18		Extended sheet	2
19		Upper sleeve of cutter rack ring washer	2
20		Cutter cover	1
21		Cutter cotton cushion	1
22		Blade	1
23		Blade fixed plate	1

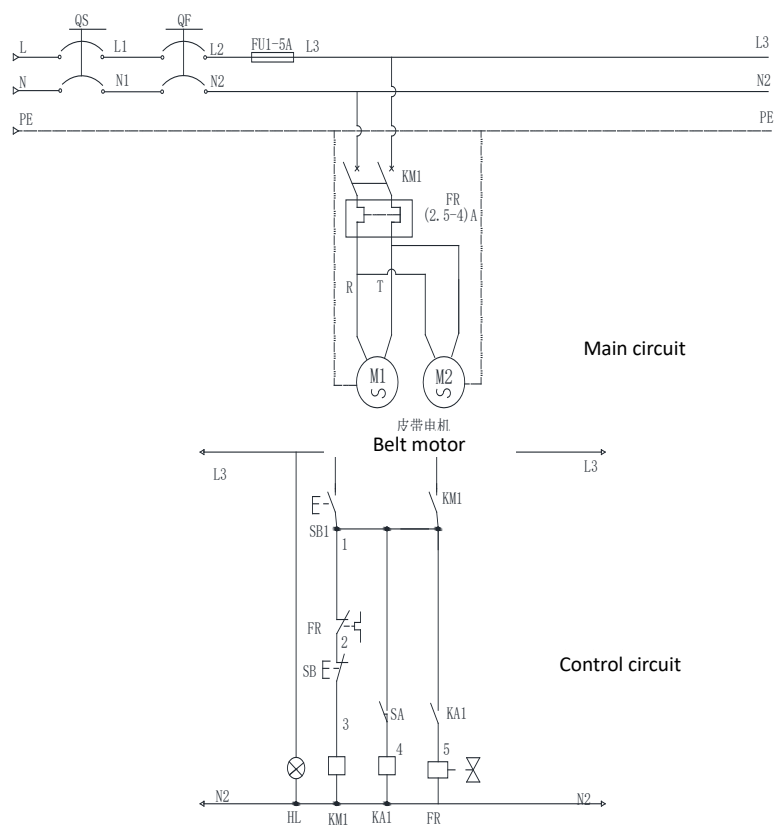
24		Cutter rack stiffening ring	2
25		Front swing arm	2
26		Fixed axle sleeve of front swing arm	2
27		Front rubber wheel fixed axle	2
28		Rubber setting seat fixed axle	2
29		In tension spring axle of rear swing arm	1
30		Small knurl wheel	1
31		Small PE gear	1
32		Front swing arm stop plate	1 for each
33		Rubber setting seat	1
34		Tape upper-frame fixing sleeve	2
35		Tape upper-frame fixed axle	2
36		Rubber setting sheet	1

37		Front swing arm fixed axle	1
38		Connecting rod	2
39		Rear swing arm	2
40		Rear swing ring fixing sleeve	2
41		Rear swing connecting rod screws	2
42		Connecting rod axle sleeve of rear swing arm	2
43		One-way wheel copper bush	1
44		External rubber wheel of tape sticker	2
45		Rubber wheel fixing sleeve A1	2
46		Rubber wheel fixing sleeve A2	2
47		Rear swing arm limit wheel	2
48		Connecting rod limit wheel	1

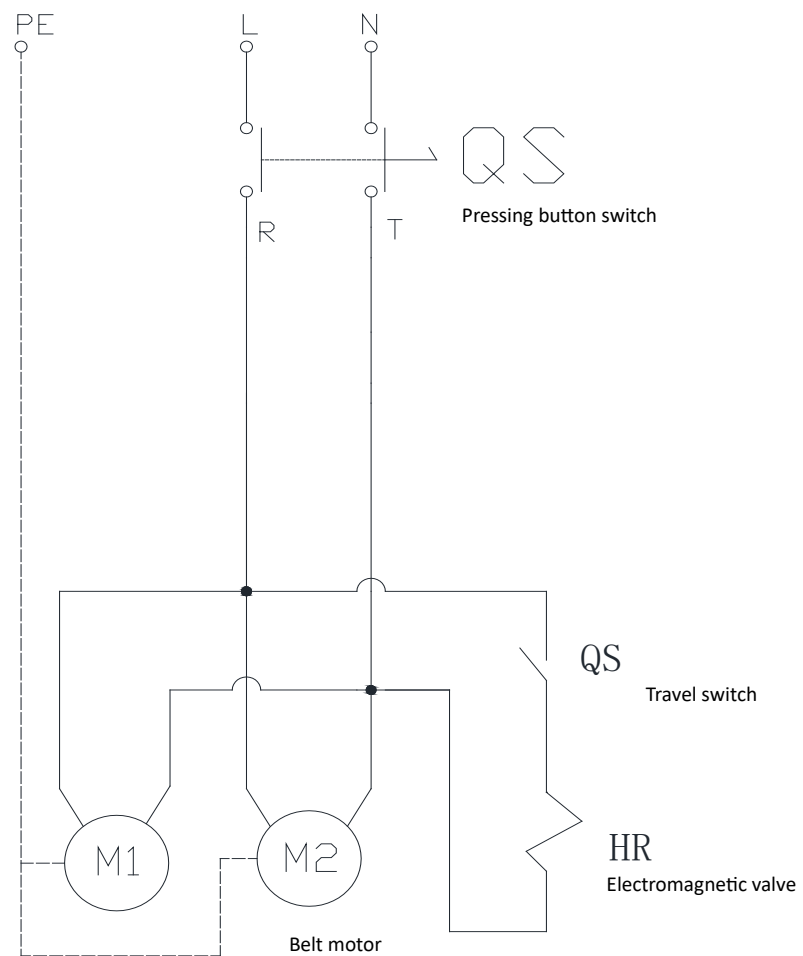
49		3-cun tape holder	1
50		Front tape holder fixed axle	1
51		Tape holder fixed axle nut	1
52		Tape holder fixed gear film	1
53		Tape holder fixed gear film	1
54		Tape holder limit sheet	1
55		Tape holder fixed plate	1
56		Tape holder pressure spring	1
57		Tape setting seat torsion spring	1
58		Main tension spring (upper/lower)	1
59		Tape setting sheet torsion spring	1
60		Cutter cover torsion spring	1
61		Rubber wheel pressure spring	1

62		Cutter tension spring	1

Electrical control Electrical control diagram



AC 220V 50HZ



Pneumatic control diagram

