



PL-521 HORIZONTAL WRAP AROUND LABELER

OPERATIONAL MANUAL



Serial Number:

Electricity: V HZ Φ

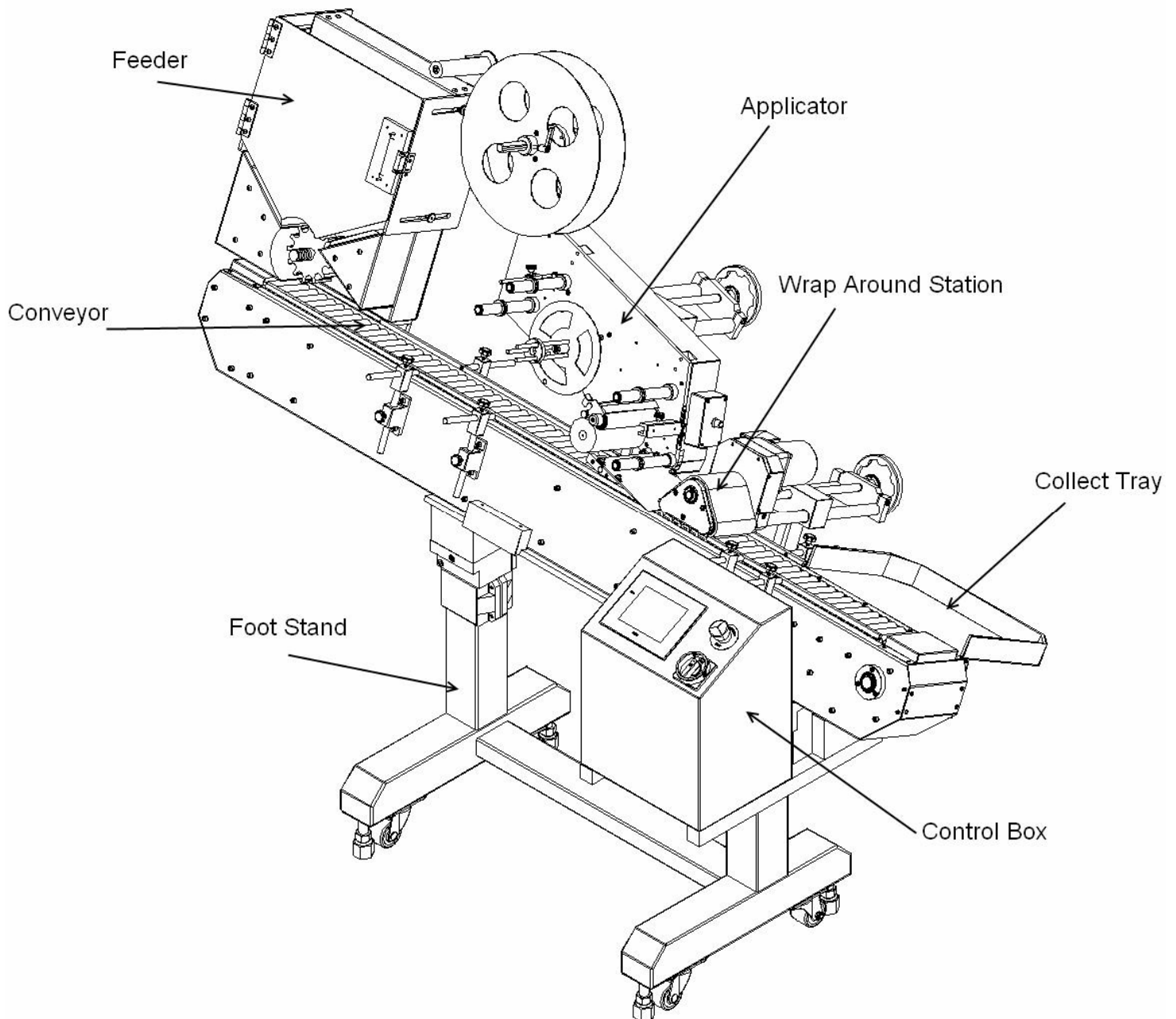
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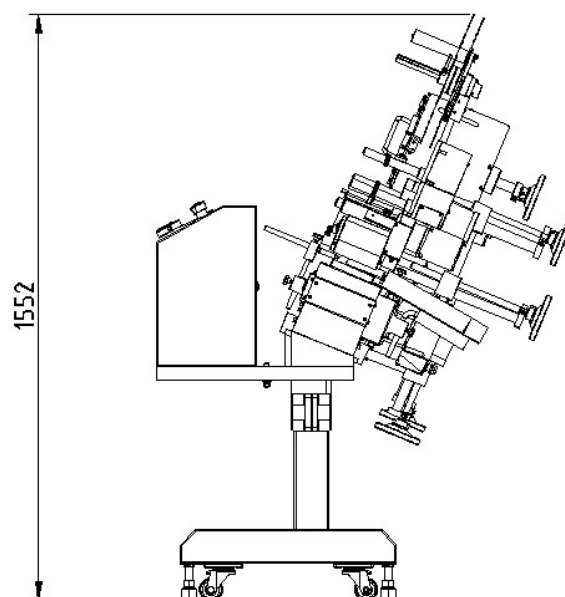
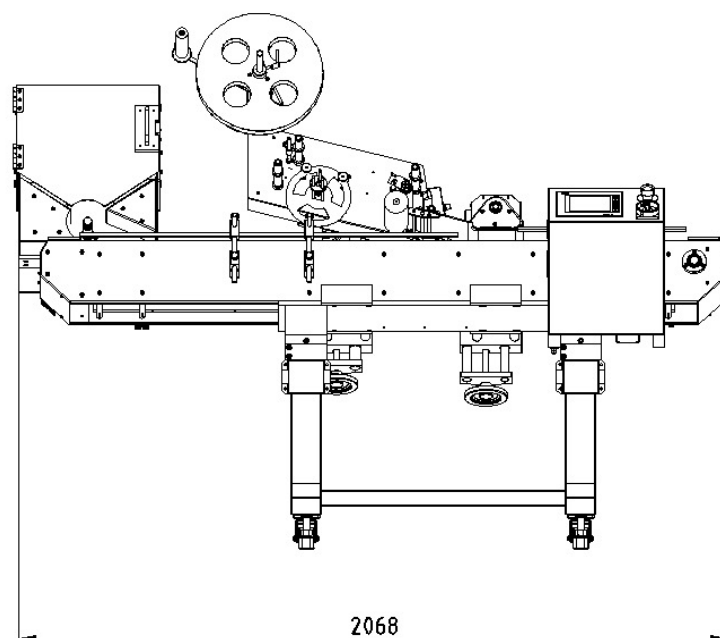
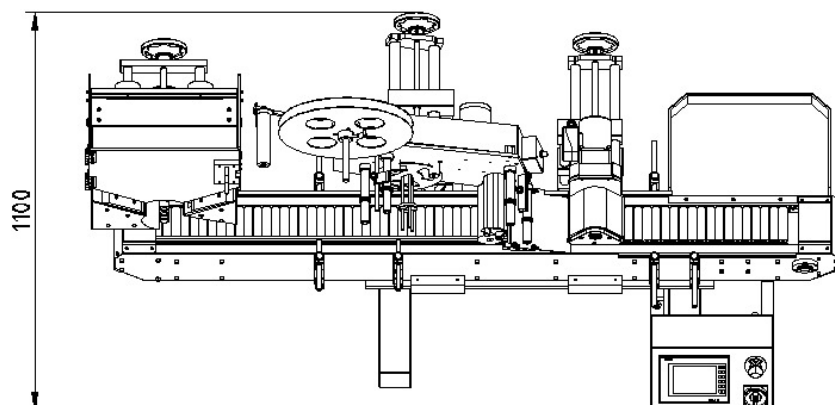
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PL-521 HORIZONTAL WRAP AROUND LABELING MACHINE

Machine Sub- Assemblies



Machine Dimensions



Machine Specification

Electricity

1. Voltage: 110V/220Vac
2. Frequency: 50Hz/60Hz
3. Phase: Single
4. Power Consumption: 760W

Conveyor Width	110mm(4.33")
Speed Control	8 Levels Selection
Conveyor Max Speed	20M/Minute
Dispensing Max Speed	40M/Minute
Labeling Head Driver	Step Motor Drive
Label Length	Min: 15mm (0.59') Max:300mm (11.81')
Label Reel Inner	76mm (2.99')
Label Reel Outer	Max: 375mm (14.76')
Space Between Label	Min: 3mm (0.12') OR More

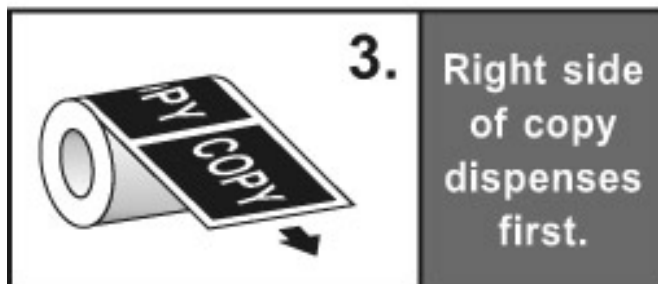
Machine Features

- The build-in instruction of the operation system is very easy and well documented. This system reduces the training time for the new operators who can immediately increase the production since anyone can learn to operate it within few minutes.
- The build-in Trouble shootings feature reduces the down time for system breakdown. Operator can easily follow the instruction on the screen to solve the problems.
- User- friendly design for setting label length, any different size of label can be easily detect with a gentle touch. This unique setting can assure the accuracy of each label length, so that it won't be affected by the mismatch of length from previous memory setting (Since the space between each label could has a slight difference, the error will accumulate during each labeling process). Beside that, the set up process is very simple for new operator.
- With the function of label counter, you can easily monitor the current status of labeled quantity from the control screen.
- With the batch counter, you can preset the total labeling quantity. The machine will auto-stop when it reach the preset quantity. This feature is useful for quantity management in the production line.
- With position set, you can easily adjust the position of the label by setting a delay time to make some adjustment on the label position.
- Missing label auto-stop system can avoid any missing the label on products for manufacturers to easily do their quality control during the production process.
- For different printing speed, printer timer can be set for different demands to assure the clarity of the each print. (The printer is optional. All the control circuit for printer is preset for future installation in all standard machines).
- Eight speed selection for different working environment to meet the requirement of different production lines.
- Automatic start function reduces the setup time by simply providing electricity, the system and it will start operate by itself in the production line.
- The conveyor has a separator wheel to space each bottle apart from each other and ensure the correct position for labeling. By adjusting the guide rail, different size of bottles can be labeled (for production rate of 200 ~ 400 bottles per minute, use in- feed screw for fast and stable operation.)
- Foot-stand designed with square-shapes for small footprint and castors for mobility. It is ready to operate as a stand-alone machine or connected with other in-line machine for flexibility
- 30 memory slots for convenient data retrieval and loading.

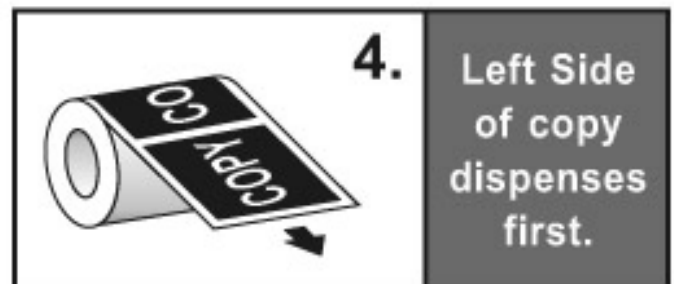
Specification of Label Reel

- Base Paper Translucent
- Reel Inner Diameter: 76 mm
- Reel Outer Diameter: 370 mm
- Interval of Label Min. 3 mm (between label)
- Width of Base Paper Label Width + 4 mm
- Width of Label
 - 150 H Label Head – 10 ~ 150 mm
 - ◆ 200 H Label Head – 10 ~ 200 mm
- Length of Label 15 ~ 300 mm (Standard)

LEFT SIDE



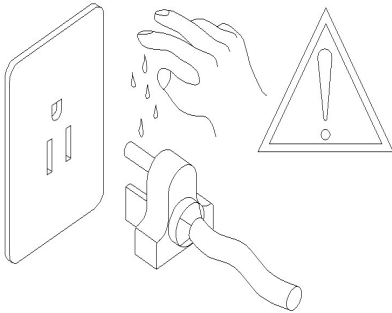
RIGHT SIDE



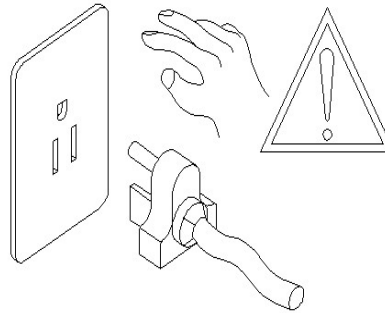
Standard

Safety Regulations

1. **Make sure the hands are dry before to put on the plug. Especially, in the food industries or in wet working environment**

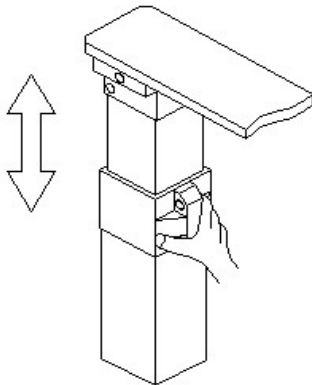


Danger

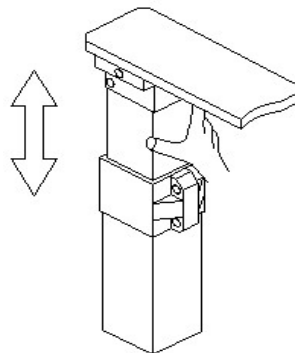


Safe

2. **Do not put hands or fingers on the inner tube when adjust the height of the foot stand. Immediately lift up the conveyor if hands or fingers are trapped**



Safe



Danger

3. **When the machine is running please beware of your clothes, hair, gloves or anything, which is easy caught on the conveyor or running roller that may cause injury.**
4. **Do not touch the conveyor, roller or paper receive axis when machine is running**

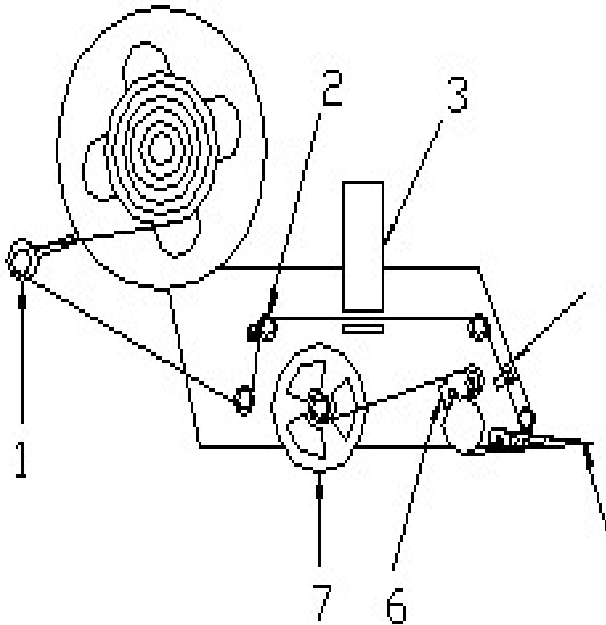
Inspection before Operation

1. Make sure the power is connected to right power source
2. Machine adjusted to product specification range
3. The height of label applicator adjusted in appropriate position
4. The guide rails adjusted to according the width of the product
5. Object sensor adjusted in right position
6. Label sensor adjusted in proper setting
7. Conveyor is clear with no extra object
8. Separator wheel adjusted to accommodate the width of the product

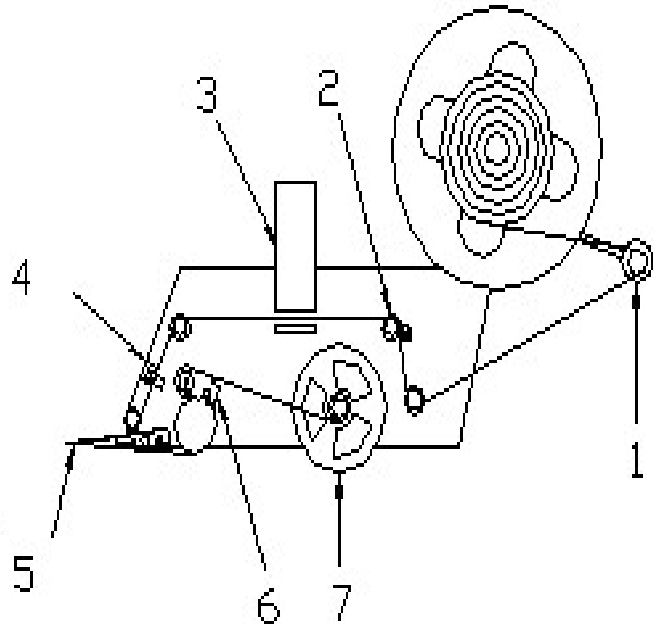
Label Applicator

To put the labels in the label applicator, kindly follow the following instructions with diagrams:

Right applicator

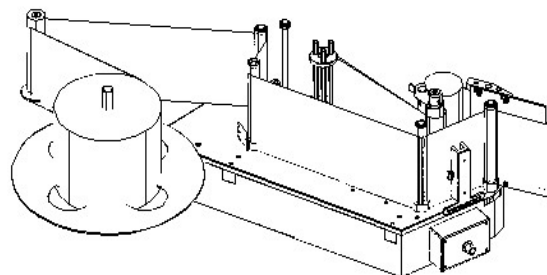
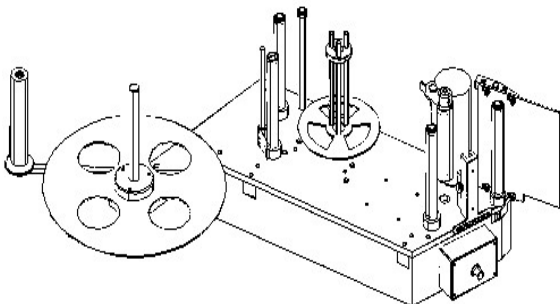


Left applicator

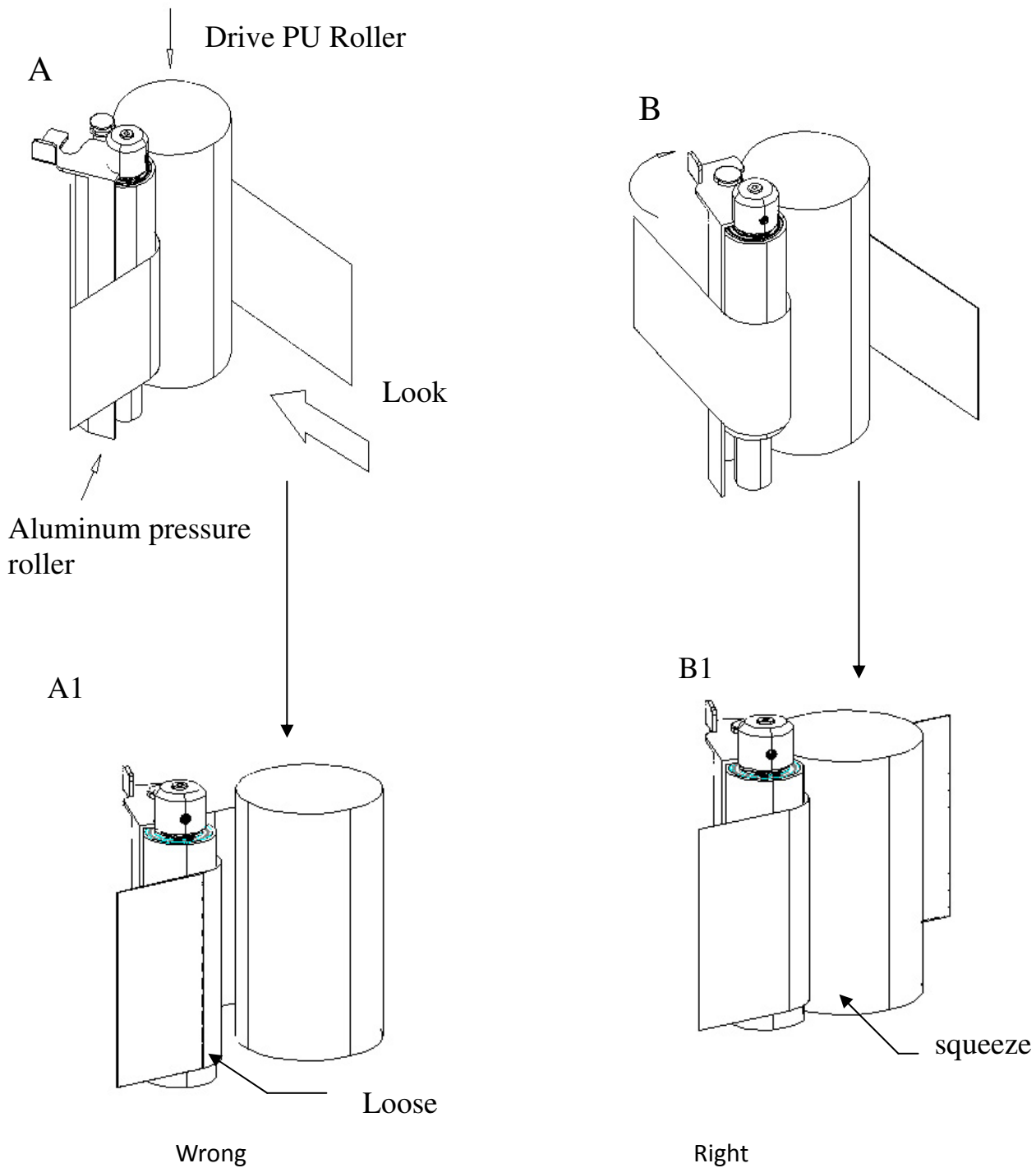


Standard

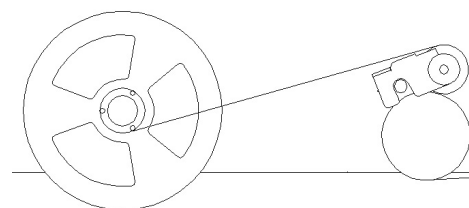
- 1 Put the roll of label on the tray and pass it through the tension roller so it will not spin out of control.
- 2 Fasten the tension clip after passing through this point to ensure tension on the label strip and avoid loose labels.
- 3 If a printer is installed pass the labels through the slit to print the labels.
- 4 It is important for the labels to pass through the label sensor slit for it detects the labels and controls the dispensing of labels.
- 5 The dispensing plates peels the label from the base paper for application on the objects.



6 The drive PU rubber roller pulls the base paper to position the labels. The aluminum pressure roller must be locked in place with the PU roller in order to squeeze the paper and pull effectively. See C.

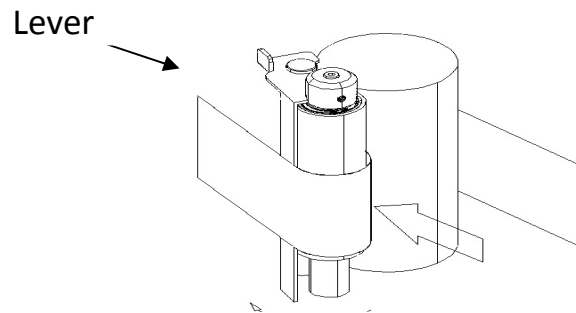


7 Wind the base paper around the 3 pillars and place the cap on top for the collection of the base paper. Wind it up until there is some tension on the paper for proper pickup



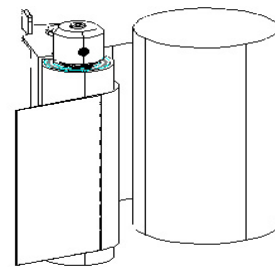
Adjusting Drive PU & Aluminum Roller

Step 1. Turn on the power. Then turn the lever to make the aluminum roller in contact with the drive PU roller

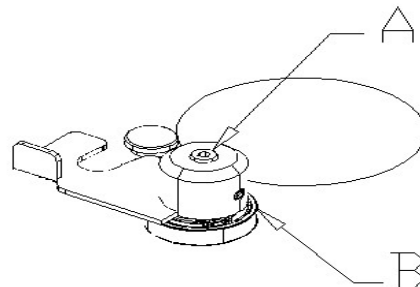


Step 2. Check the in between of the drive PU roller and the aluminum roller whether intact tightly or not (try to hold and rotate aluminum roller) if intact tightly, processed to step 4, if not process to step 3

Step 3. If you see the rollers were not intact tightly, proceed to step 6



Step 4. To turn the aluminum pressure roller by hands. Then condition is all right when the roller does not turn. Proceed to step 5 when roller is turned



Step 5. When the lever is locked into the proper position, check if the drive PU roller is moving along with the aluminum roller. If the contact is very tight to the point the drive PU roller is not vertical, pull back the lever a little bit until the drive PU roller is vertical and the aluminum roller is touching the surface of the PU roller. Then loosen the A and B screws and turn the lever to the proper lock position. Tighten the A & B screws.

Step 6. Loosen A & B then pull the lever away from the fixed shaft. Tighten the A & B screws. Lock the lever and check if the aluminum roller and the drive PU roller are pressed together correctly. If not repeat this step again. If too tight see step 5.

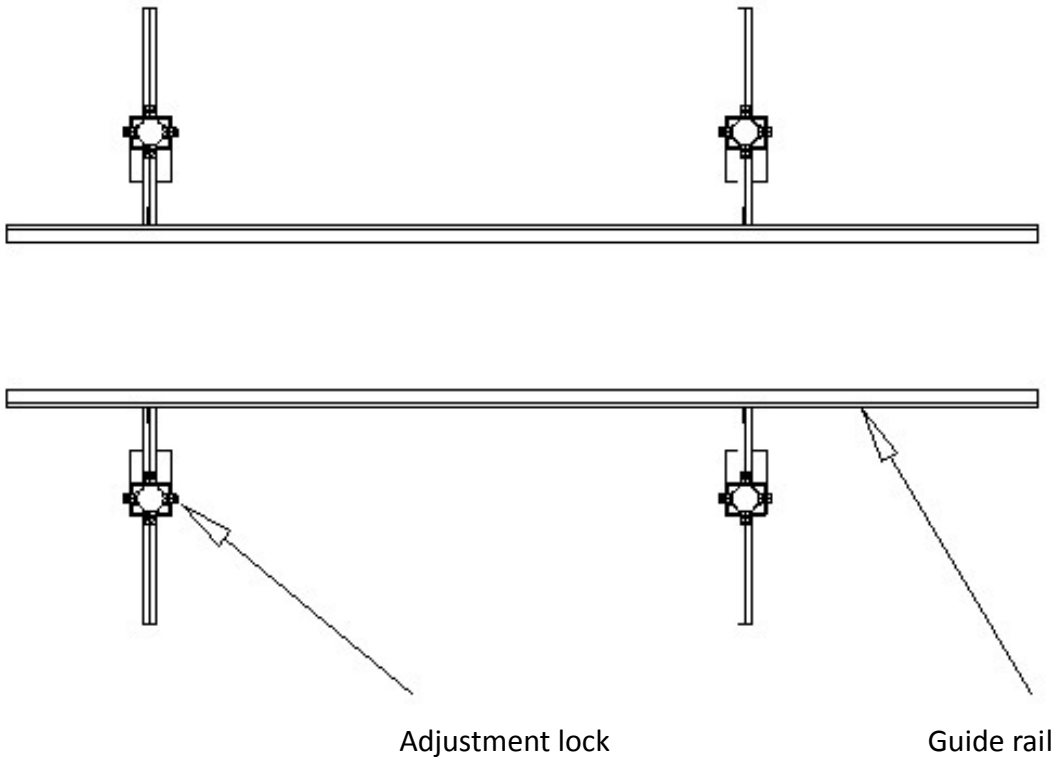
Warning

If the aluminum roller is not tightly pressed against the drive PU roller, the labeling will be inaccurate. Inaccurate label position causes inaccurate labeling.

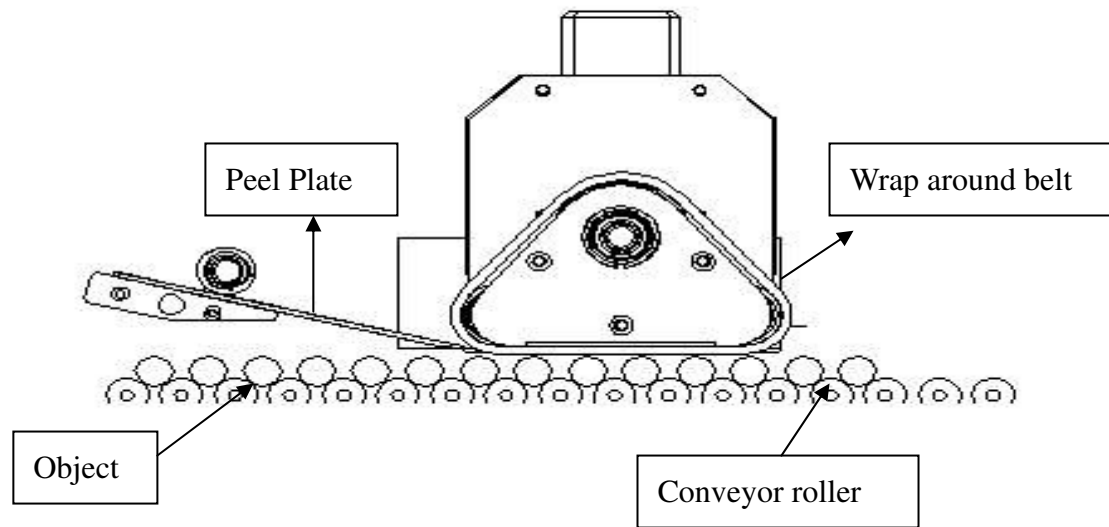
If the aluminum roller is pressed too tight, it will cause the drive PU roller to wear and crack.

Guide Rail

Guide Rail: To guide the products in the right position or direction



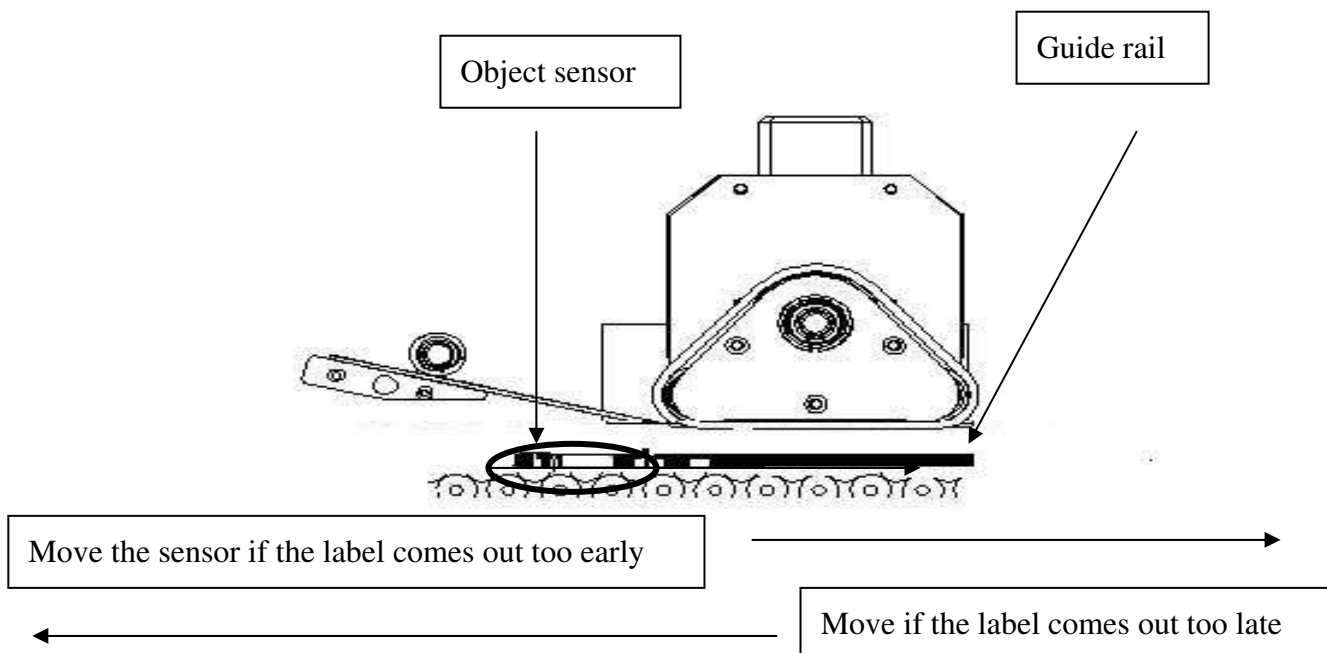
Position of Object Sensor



The wrap belt must exert enough pressure to press on the label on the object But must not break the bottles when pass through.

The object sensor that is located on the lower part of the guide rails sense the object to trigger the label applicator. If the sensor is not able to sense the object, please adjust the amplifier located on the end of the fiber optic cable. The red LED must switch on/off when an object is detected.

If label is dispensed too early, please move the sensor to the right and vice versa.

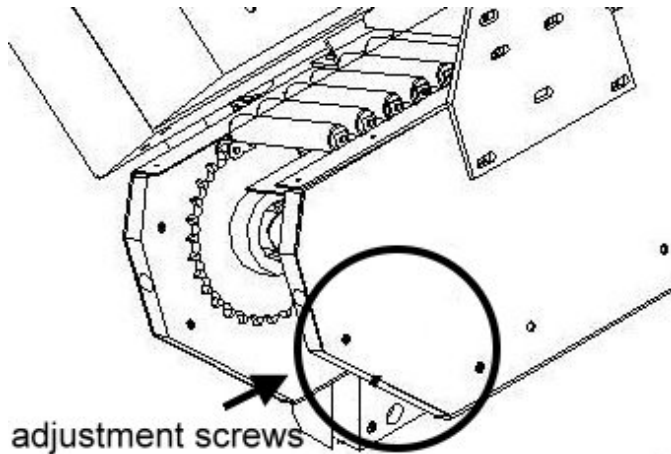


Parts Adjustments

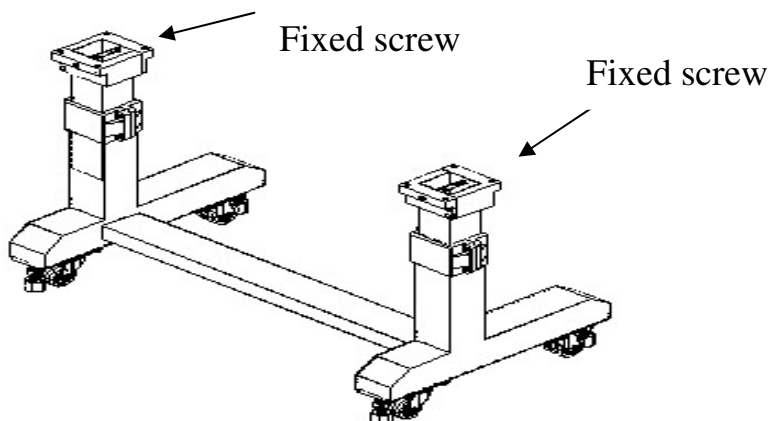
1. Conveyor Adjustment:

To adjust the tightness of the conveyor belt, loosen the two nuts on the screws.

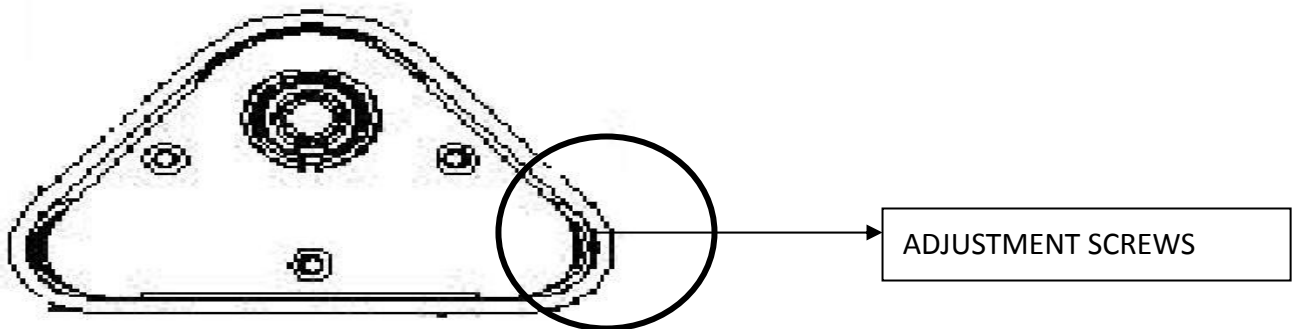
Turn CCW to loosen and CW to tighten. Make sure the conveyor is centered for it will be noisy if not centered.



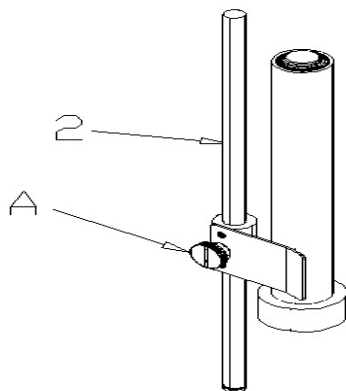
2. Conveyor height adjustment: Loosen the fixed screws, adjust the conveyor to the appropriate height and tighten the screw again.



3. Wrap around belt adjustment: To adjust the tightness and centering the belt, adjust the screw A. When adjusting, use only small increments and let the belt run for a while to determine the final position. A belt that is not centered will slip up or down.

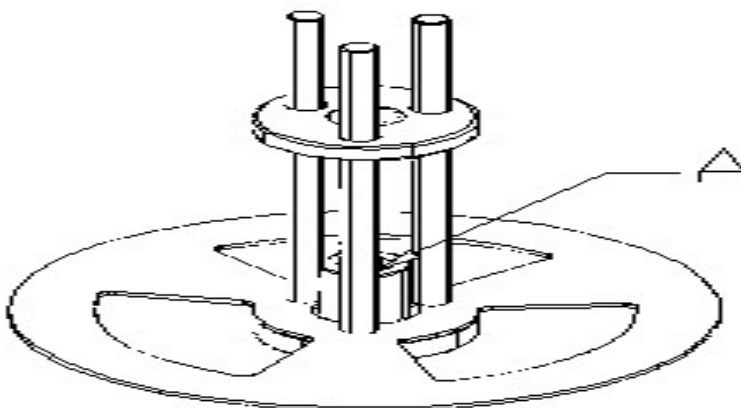


4. Paper press piece adjustment; First, loosen screw (A) turn the rod (2) CCW and hold it. Use your other hand to tighten screw A and then release it.



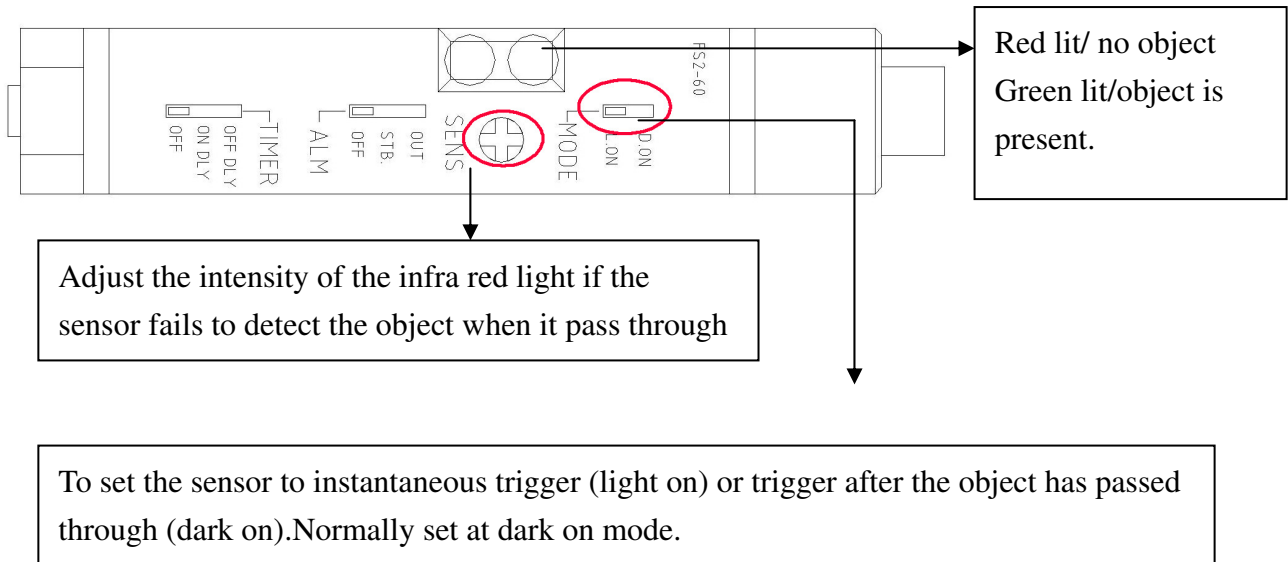
5. Base paper collector adjustment;

If the base paper collector is not able to collect the paper or the paper is very tight, adjust the screw in small increments at the center of the main shaft. Check if the base paper collector is not loose nor too tight.

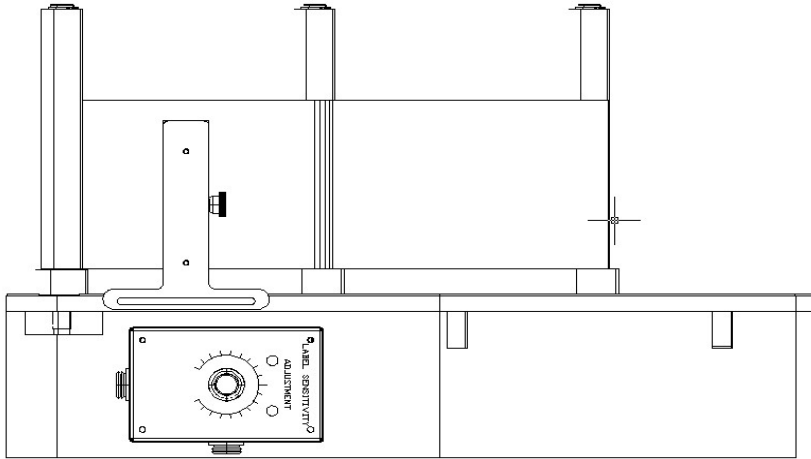


6. OBJECT SENSOR

The object sensor is a fiber optic infra-red sensor use to detect the presence of bottle on the labeling zone. If the sensor is not able to detect a bottle, adjust the intensity of the amplifier until the sensor is able to trigger the applicator to apply a label.



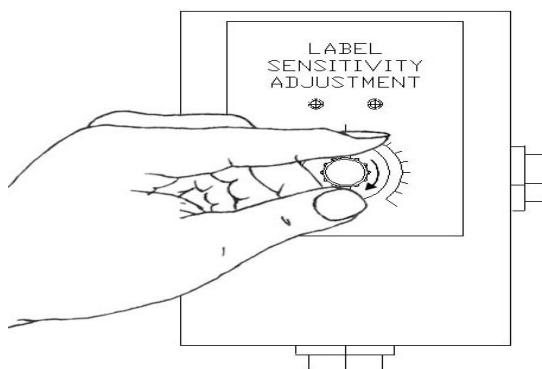
Label Sensor Position



1. Please follow the direction of diagram to install the label sensor
2. Kindly place the label through the detect point of label sensor
3. Adjust the sensitivity of label sensor to the appropriate position after the label is passed through the label sensor

Sensitivity Adjust of Label Sensor

1. Move the base paper into label sensor slit. The two LEDs (green & Red) on control box will light up when the label sensor responds to base paper. If indicator lights did not light up, please adjust the adjustment of the control box clockwise just enough that the two LEDs lights up.
2. Move the label to the slit of the label sensor; the lights on the control box shall be off. If lights did not turn off, please adjust the adjustment of the control box to counter clockwise just enough until the 2 lights turn off
3. Test the sensitivity of label sensor; The LEDs will light up when the label sensor responds on base paper, and lights will go off when the label sensor responds on label.
4. Please do not adjust the adjustment of the control box after setting the sensitivity of label sensor
5. If the indicate lights (green & red) twinkle unusually during labeling, please re-adjust the label sensor



Machine Operation

Please follow the operation steps and instruction

- 1-1. Plug-in the appropriate power supply voltage
- 1-2. Turn of the power (Turn on the emergency stop switch if in “off” condition)

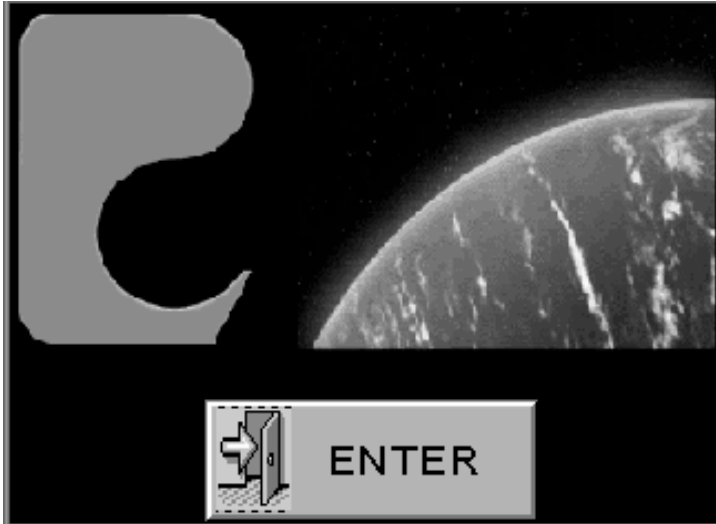


Diagram 1

- 1-3. The display will shows as diagram 1.
- 1-4. Press “Enter” to get into next diagram or wait for 3 seconds

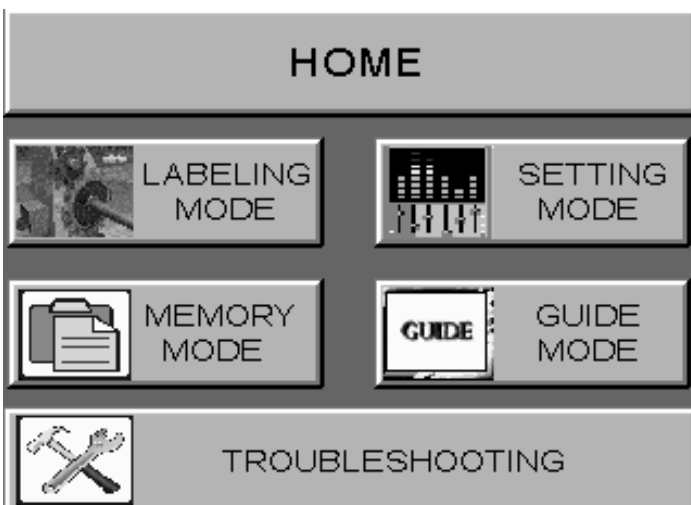


Diagram 2

- 2-1. Press “Guide Mode” for showing machine operation instruction
- 2-2 Press “Setting Mode” for set up machine information and speed
- 2-3 Press “Memory Mode” for memory setup.
- 2-4. Press “Labeling Mode” to enter diagram 3 or wait 5 seconds for next diagram

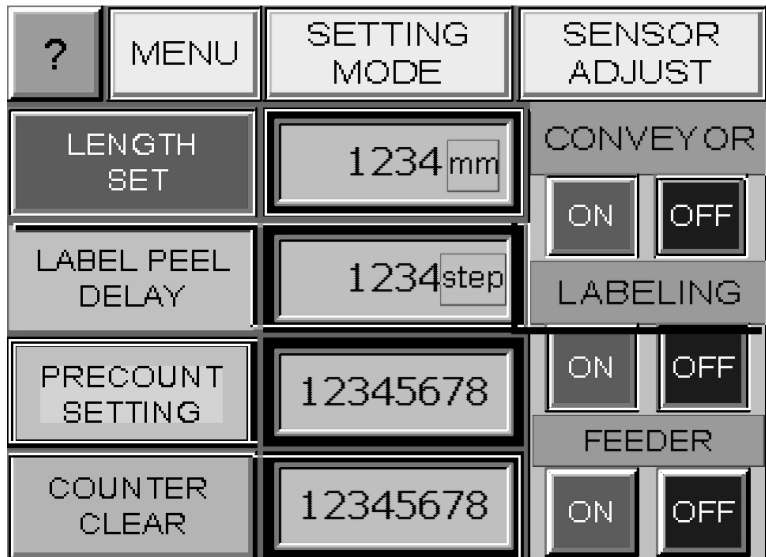


Diagram 3

- 3-1 Please keep pressing “length set” icon until the appropriate label length is registered. The number shows on display is label length set.
- 3-2, On the other hand, label length could be set by the numerical keypad next to the “length set” button;
- 3-3. Turn ‘CONVEYOR” and “LABEL” both ON to start labeling process after labeling length set.
- ※: When pressing the label length set icon the label head will slowly pull the label until the finger is released. This icon will confirm the label length by showing the length. To reconfirm, check the number must not be 0. After checking, turn on the conveyor and it can start labeling. If the detached label is too long or too short, press the number icon and a keypad will appear. Using this keypad the length and position of the label can be changed to adjust the proper position of the labels. It is important to turn off the conveyor first before keying in the new settings.
- 3-4. Inspect the label is in appropriate position on object. If not, adjusting the object sensor position or press “LABEL PEEL DELAY” (when label come-out too early) for appropriate dispense timing.
- ※: If the data shown on the screen is 0 this means the original position. Adding numbers will delay the dispenser and so it will apply the label a bit to the left
- 3-5. Regarding the “precount setting”, input the required number of product need to labeled. The conveyor will stop and the counter will reset to zero automatically when the number of label is reached.
- 3-6. Turn ON the “Conveyor” to continue labeling
- 3-7. Turn Feeder ON if product will be loaded by feeder. (Option)
- 3-7. Press “Trouble Shooting” button if you have has some problems
- 3-8. Press “Setting Mode” button to set up speed of conveyor, Missing label set, and speed of printer.

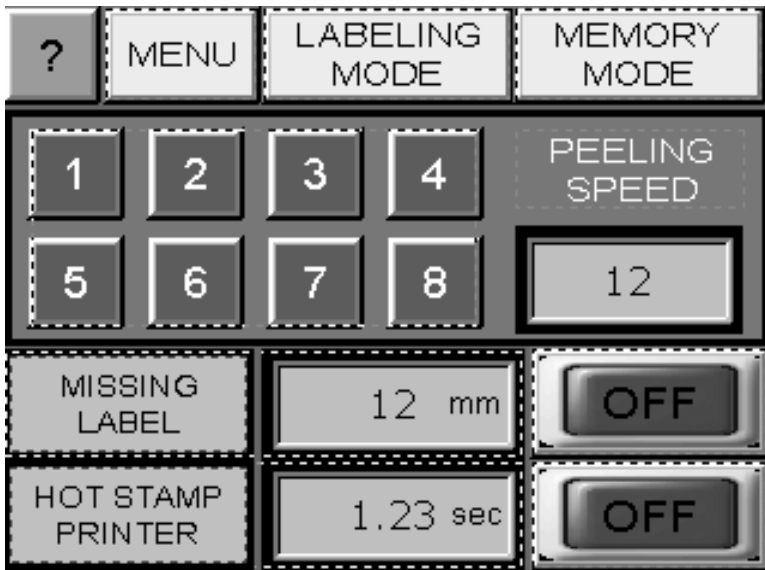


Diagram 4

4-2. Speed selection contains 8 levels of labeling speed.

4-3. Key in value in “Missing Label” for the sensor to detect missing label.

4-4. Turn ON the “Missing label” after key-in of the value in the Missing label set, await the diagram shows on display then function will start

※: If the missing label set is on, it must not indicate 0. Normally it is set at about 80% of the label length. The machine will stop when there is a missing label on the label roll.

4-5. For the printer speed set icon, turn ON only when using printer.

Press “HOT STAMP PRINTER” icon for setting the required printing speed.

※: Printer speed setting, if the setting is long the speed will be slow. It depends on the transfer speed the ribbon can tolerate. In setting the printing speed timing, the main consideration is the ribbon’s transfer speed.

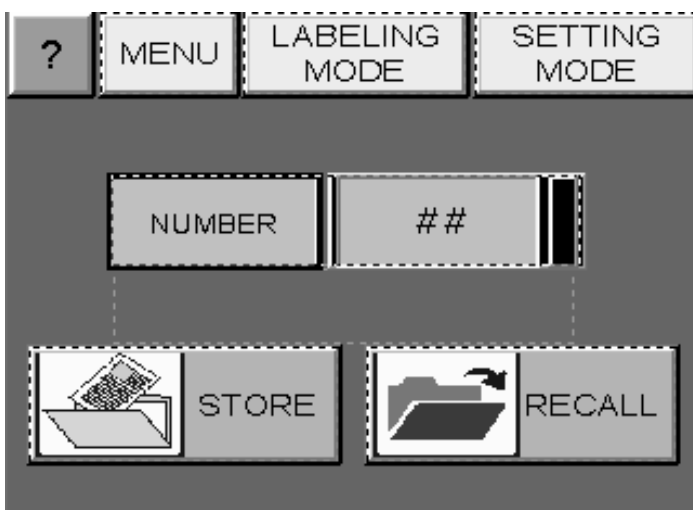


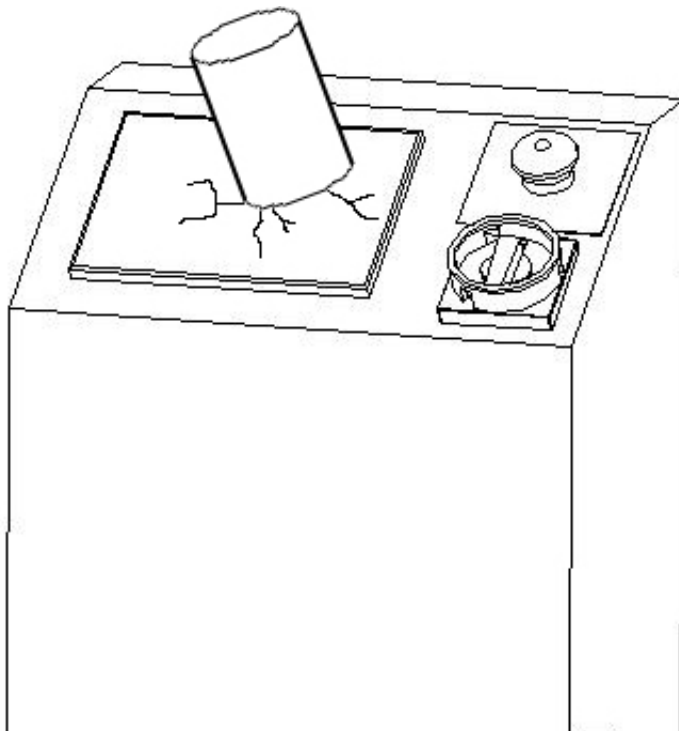
Diagram 5

5.1 Memory store and read function; to save the present setting to the memory slots, go to the main menu and select memory. Press save and assign a valid memory slot 0-30 to save the data. To recall press read and the slot number, this will automatically load the data to the PLC.

- Label length, position delay, batch counter/on/off, printer speed/on/off, missing label on/off, and conveyor speed are saved and loaded as a set of parameters in each slot of memory.

Touch Screen

- Do not bump or press heavily the screen
- Please lightly press any point inside the screen to key-in input data
- Please lightly press bottom with the finger to select
- Please use soft cleaner or wet cloth to clean the surface of the touch screen
- Operators are not advised to open the control box or power box to change any spare part. If so, we do not have any responsibility on any damage or injuries.



Danger

Trouble Shooting

PROBLEM 1: LABEL LENGTH CAN NOT BE SET

A. LABEL SENSOR WAS NOT ADJUSTED PROPERLY

1. Inspect the condition of label sensor. If the two lights (green & red) are in not set properly, please refer to “Sensitivity adjusting instruction of label sensor”
2. If label length still cannot be set, kindly replace the label sensor or sensor box. (Or verify the label sensor signal input to control P.C.B wire no. 41.)

B. STEPPING MOTOR DOES NOT WORK

1. Inspect the connection wire is connected or not. If the connection wire is not connected, please connect it and re-set the labeling applicator.
2. If it is not the problem of connection wire, please notify maintenance people. (to verify the clock pulse of step motor, check wire no.14)

PROBLEM 2: MORE THAN ONE LABEL IS DISPENSED AT A TIME

A. SENSITIVITY OF LABEL SENSOR

1. The sensitivity of label sensor is too weak; as a result, sensor cannot (or sometime cannot) respond on label.
2. Kindly re-set the sensitivity of label sensor. (refer to sensitivity adjusting instruction of label sensor)

B. LABEL LENGTH WAS SET TOO LONG

1. Please reset the label length

PROBLEM 3: LABEL WON'T DISPENSE

- A. Inspect the object sensor has responds on product. If not, adjusting the sensitivity of object sensor until the label is coming out. If label still won't dispense by adjusting object sensor, inspect the wire or replace a new one.
- B. The “labeling” icon of Labeling Set was not turned on yet. Please Turn “On” the labeling icon of labeling set.
- C. The fuse of the stepper motor driver is burned out. Replace a new fuse.
- D. The wire of stepping motor or motor driver is damaged. Please notify maintenance people

PROBLEM 4: LABEL IS SLANTING NOT ON THE RIGHT POSITION

- A. Bottle is not even.
- B. Label is obliquely placed on base paper when label are made.
- C. The slanting occurred when labeling.

Note 1: To improve the bottle and label if problem found is A & B.

Note 2: To adjusting applicator to appropriate position if problem found is C.

PROBLEM 5: NO SCREEN DISPLAY

- A. Check whether power was turned on or not.
- B. Check whether the connection wire was took off or damaged.
- C. Check whether the fuse was burned or not

Trouble Shooting

PROBLEM 6: LABEL WILL NOT STICK ON THE PRODUCT

A. LABEL COMES OUT TOO LATE

Slowly adjust the object sensor forward to dispensing plate until label is coming out on time.

B. LABEL DOES NOT COME OUT SMOOTHLY

Check whether the PU rubber (with a lock) in the label applicator is locked or not. If not, please kindly lock it. If labels still come out not smoothly

When locked, check with the PU rubber whether lock tightly by turning the PU rubber. If not, kindly loosen the screw in the lock of the PU rubber and adjust backward slowly until it was tight enough when you lock it again.

C. STEPPING MOTOR

Check whether stepping motor was running with noise. If so, please check the connecting wire, belt and other spare part to see if they are damaged.

Kindly replace new stepping motor if defective.

D. PRODUCT & LABEL

Check whether product surface is too wet or slippery or label has no gum.

PROBLEM 7: WRINKLES OR BUBBLE OCCUR WHEN LABELED

A. LABEL COMES OUT TOO EARLY

1. Kindly move object sensor backward to appropriate position to test labeling. If label still comes out too early, move object sensor backward again until label comes out on appropriate time.

2. Could set the labeling delay in LABELING SET.

B. THE POSITION OF LABEL IS NOT ACCURATE

1. Check whether the front of dispensing plate is slanting.

2. The label sensor is in an unusual condition. Please inspect the label sensor (control box) or replace new one.

3. The space between two labels is not even

C. BOTTLE CONDITION

1. Surface of product is not even

D. ROLLER PRESSURE PLATE

1. Roller pressure is too tight

PROBLEM 8: CONVEYOR DOES NOT WORK

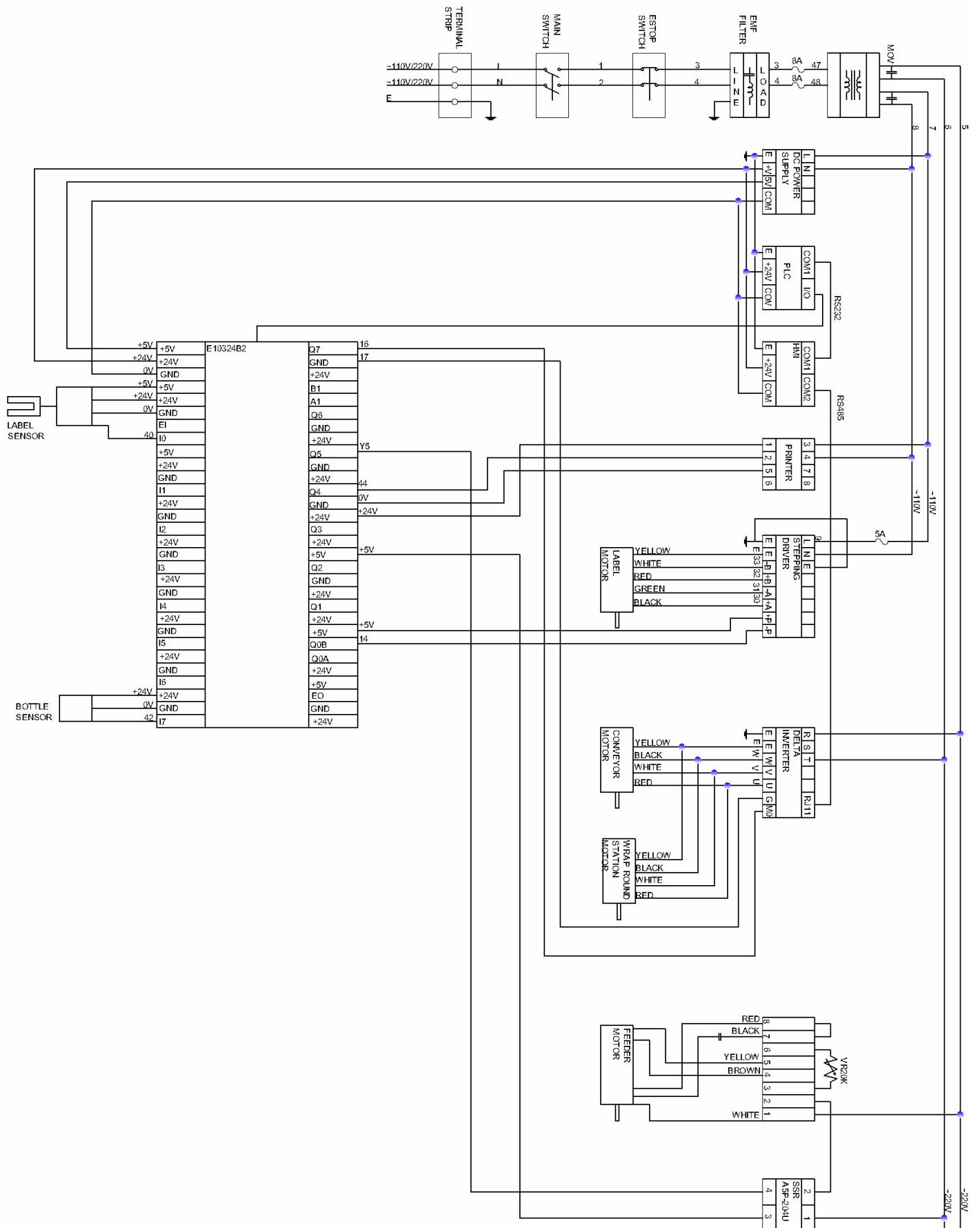
A. WILL NOT RESPOND ON TOUCH SCREEN

1. Please re-start the machine.

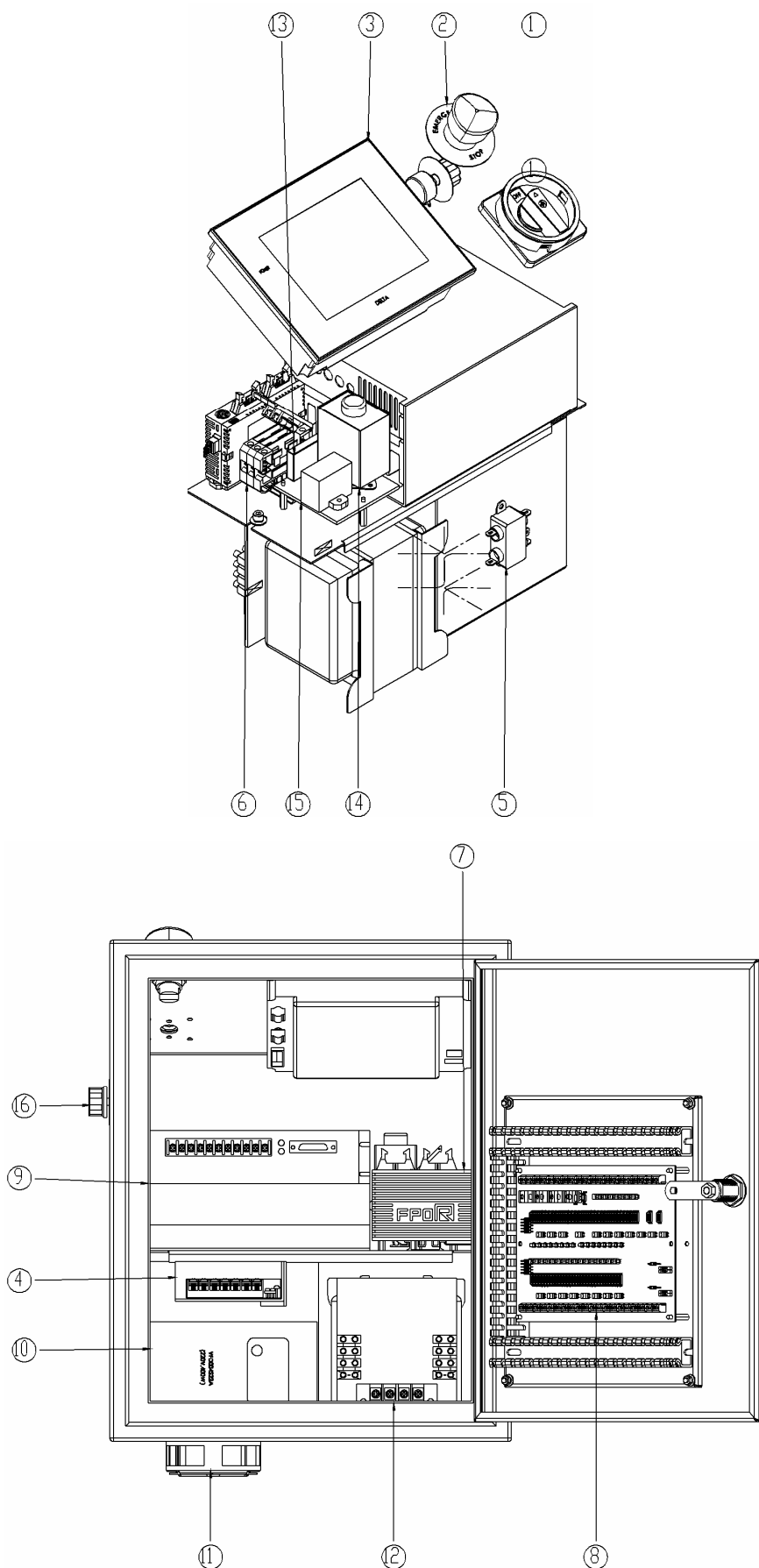
B. CONVEYOR MOTOR

2. Gearwheel belt took off or wire damaged.

Electronic Diagram



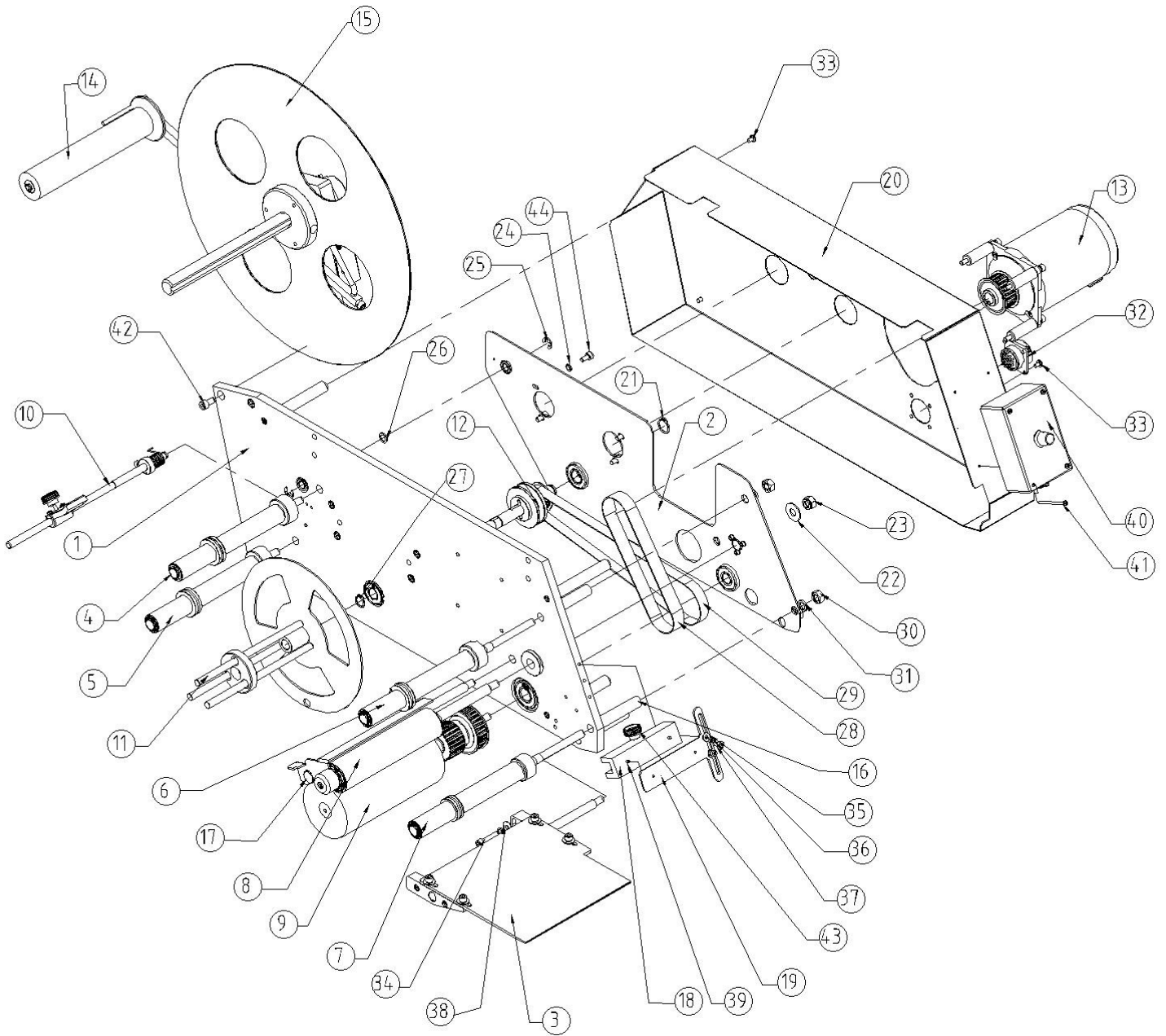
Control Box Frame



Electronic Parts List

NO	DESCRIPTION	PARTS NO.	QTY
1	Power switch CQ1203KL6	C-1400	1
2-1	Emergency button I	C-1403	1
2-2	Emergency button II	C-1402	2
2-3	Emergency button III	51WR-800E15YE112	1
3	Delta Touch screen	2YBR-DOPB05S100	1
4	Switching Power Supply	E-0070	1
5	EMI filter YC10T1(10A/250VAC)	2YXQF-10A250VAC	1
6-1	Fuse bracket	C-1500	3
6-2	Fuse bracket plate	C-1505	3
6-3	Fuse 5A UL	C-1702	1
6-4	Fuse 8A UL	C-1703	2
7	PLC AFP0R-C16CT	2YPLC-AFP0RC16CT	1
8	PCB board A10324B2	2YPCB-A10324B2	1
9	Stepping Motor Drive	2YF2-DA1108M	1
10	Inverter VFD004S23A	2Y1Q-VFD004S23A	1
11	Exhaust Fan 8cm 24VDC	2Y2G-FD24025HB	1
12	Transformer 660VA 220V/110V	E-0006	1
13	Capacitor 1.5UF	E-0156	1
14	Speed controller MGSDDB2	C-1065	1
15	SSR-4A	H-020	1
16-1	VR 24YNB 20K	E-0190	1
16-2	Knob RN99D	E-0230	1
16-3	Plug 16 Pin	51WR-0051	1

Applicator Exploded View



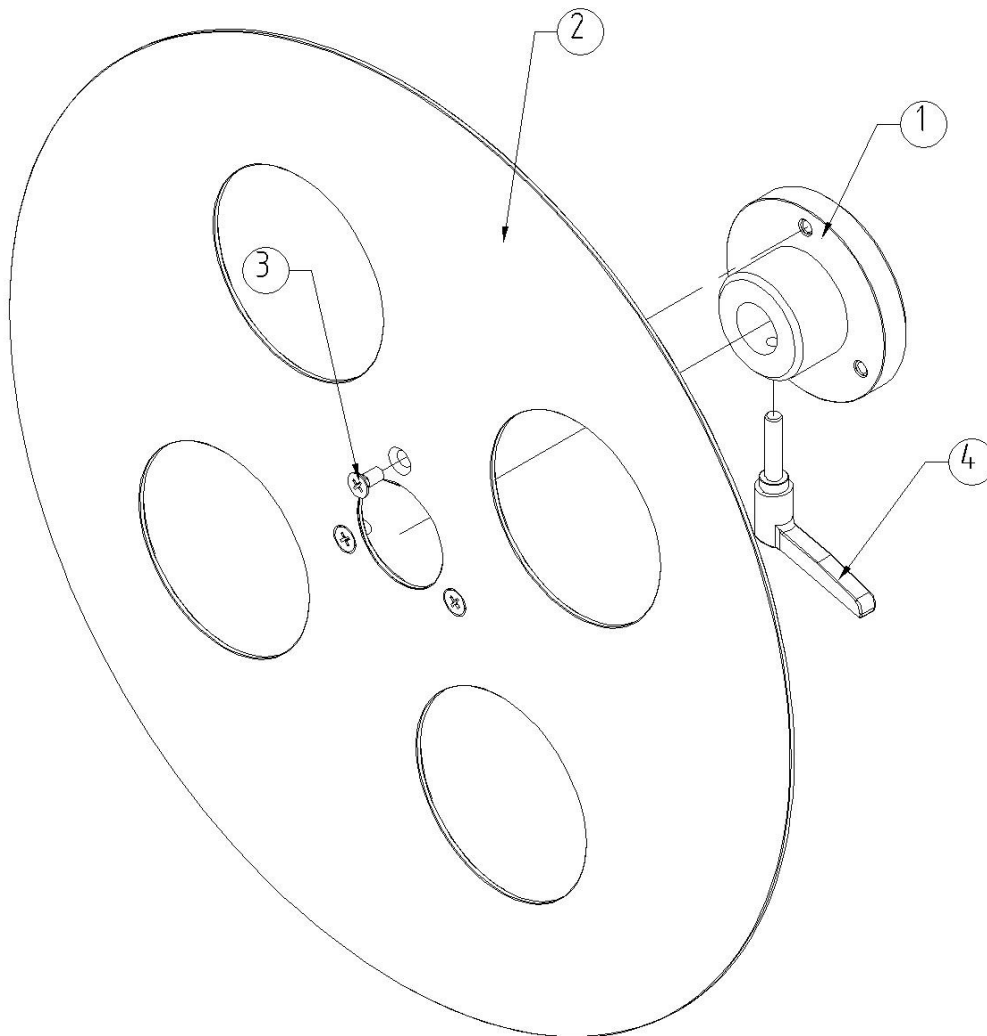
Applicator Exploded Part List

NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Applicator base plate assembly		1	
2	Applicator back plate assembly		1	
3	Label peel plate assembly		1	
4	Fixed label lead assembly		1	
5	Label lead assembly 1		1	
6	Label lead assembly 2		1	
7	Label lead assembly 3		1	
8	Lever sleeve assembly		1	
9	PU roller assembly		1	
10	Label press assembly		1	
11	Base paper collect assembly 1		1	
12	Base paper collect assembly 2		1	
13	Applicator motor assembly		1	
14	Tension bar assembly		1	
15	Label supply plate assembly		1	
16	Spacing roller	LA1-PL150-018	4	
17	Position shaft	LA1-PL150-058	1	
18	Sensor fixing base	LA1-PL150-042	1	
19	Sensor fixing plate	LA1-PL150-043	1	
20	Back cover	LA1-PL150-068B	1	
21	S-ring S15	DCSV-S15	1	
22	Washer M8	XNQC-M8	2	
23	Screw Nut M8	XAXR-M8	2	
24	Spring washer M5	2FW0-M5	5	
25	E-ring E7	DCEV-E7	2	
26	Nylon	2FW0-8121.0T	1	
27	S-ring S12	DCSV-S12	1	
28	Timing belt 150XLU-065	T2Q2-150XLU065	1	
29	Timing belt 240XL-050	T2Q2-240XL050	1	
30	Hex Nuts M8	XAXR-M8	1	
31	Spring washer M8	2FW0-M8	1	
32	Plug connector	EC2066	1	
33	Philips Head Screws	XNMW-M46	8	
34	Socket Head Cap Screws M5*25	XNJW-M525	1	

Applicator Exploded Part List

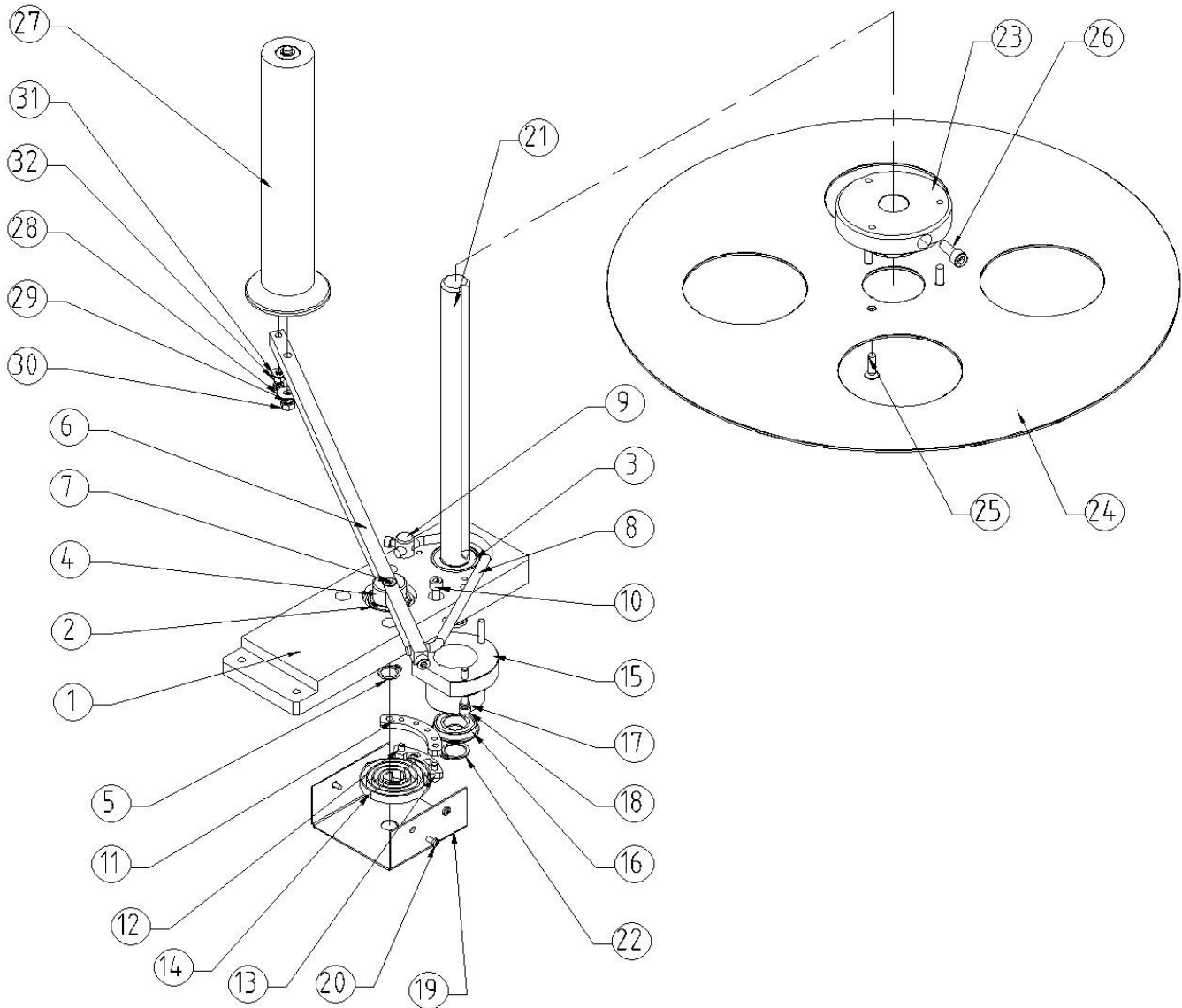
NO	DESCRIPTION	PART NO.	QTY.	NOTE
35	Washer M4	XAQC-M4	2	
36	Spring washer M4	2FW0-M4	2	
37	Socket Head Cap Screws M4*10	XNJW-M410	2	
38	Washer M5	XNQC-M5	1	
39	Bolt M4	XNAW-M310	2	
40	Sensor box	E-0090	1	
41	Philips Head Screws M3*45	XNMW-M345	4	
42	Socket Head Cap Screws M6*12	XNJW-M612	2	
43	Knob 802020M410	51WR-802020M410	1	
44	Socket Head Cap Screws M5*10	XNJW-M510	4	

Label Supply Plate Top Cover Assembly



NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Top sleeve	LA1-PL150-045	1	
2	Label supply plate	LA1-PL150-038	1	
3	Bolt M5	XNAW-M510	3	
4	Wrench M6*25	51WR-M625	1	

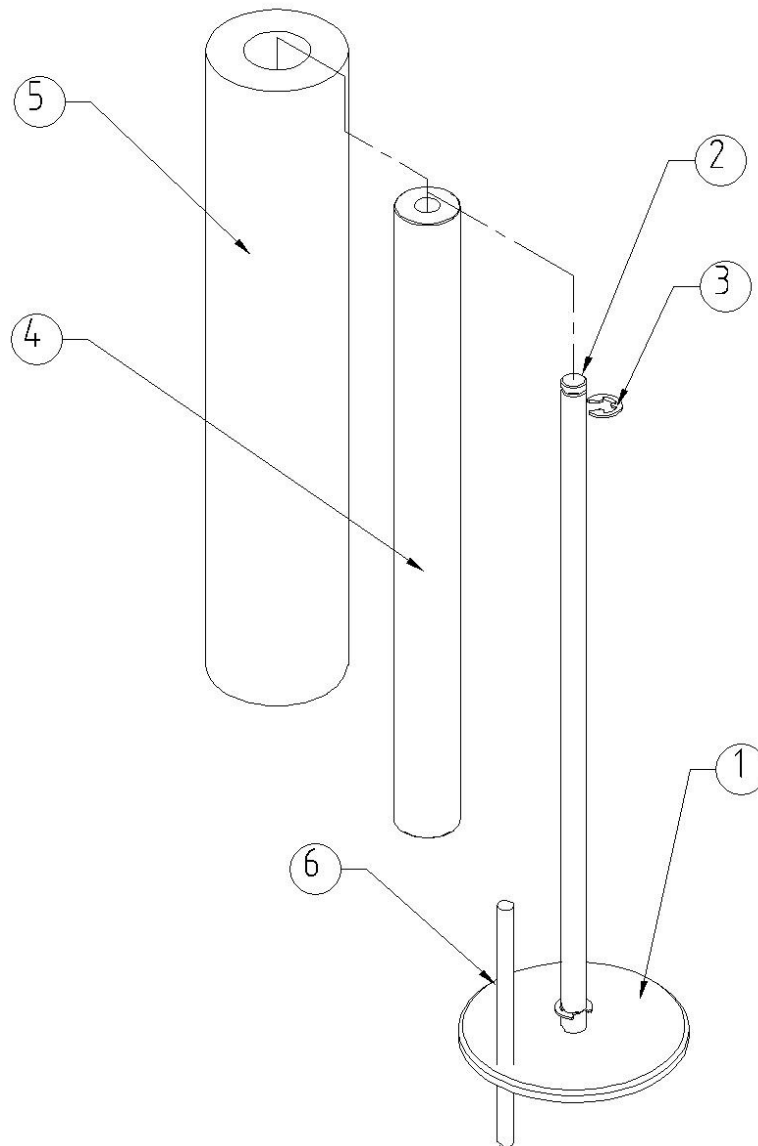
Label Supply Plate Assembly



Label Supply Plate Assembly Part List

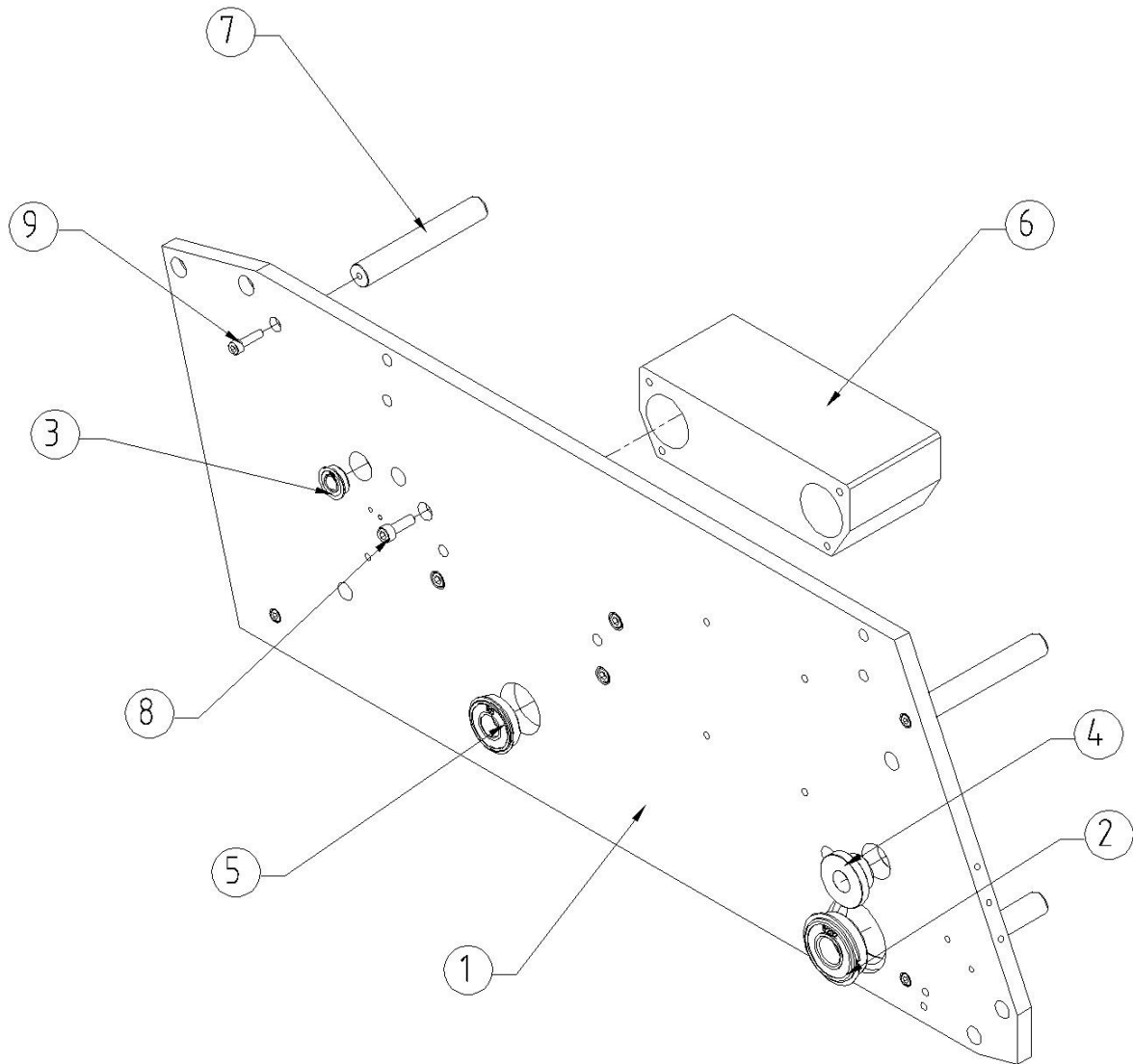
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Label supply board	LA1-PL150-028	1	
2	Bearing 7R8NR	5TGH-R8NR	2	
3	Bearing 6002zz	5TGH-6002zz	1	
4	Fixing spindle of tension bar	LA1-PL150-031	1	
5	S-ring S12	DCSV-S12	1	
6	Tension bar	LA1-PL150-035	1	
7	bolt	XNAW-M420	1	
8	Brake belt	LA1-PL150-090	1	
9	Fixing shaft of brake belt	LA1-PL150-036	1	
10	Hexagon Socket Head Cap Screw	XNJW-M510	3	
11	Spring fixture of tension bar	LA1-PL150-033	1	
12	Hexagon Socket Head Cap Screw	XNJW-M48	3	
13	Spring adjust base of tension bar	LA1-PL150-034	1	
14	Spring	LA1-PL150-032	1	
15	Label supply shaft fixture	LA1-PL150-030	1	
16	Bearing 6902NR	5TGH-6902NR	1	
17	Spring washer M4	2FW0-M4	5	
18	Hexagon Socket Head Cap Screw	XNJW-M430	3	
19	label supply back cover	LA1-PL150-029	1	
20	Philips Head Screws	XNMW-M36	4	
21	label supply shaft	LA1-PL150-096	1	
22	S-ring S15	DCSV-S15	1	
23	Label supply bottom sleeve	LA1-PL150-044	1	
24	Label supply plate	LA1-PL150-038	1	
25	bolt	XNAW-M516	3	
26	Hexagon Socket Head Cap Screw	XNJW-M616	1	
27	Tension Bar assembly		1	
28	Washer M5	XNQC-M5	1	
29	Spring washer M5	2FW0-M5	1	
30	Hex Nuts M5	XAXR-M5	1	
31	Washer M4	XNQC-M4	1	
32	Hex Nuts M4	XAXR-M4	2	

Tension Bar Assembly



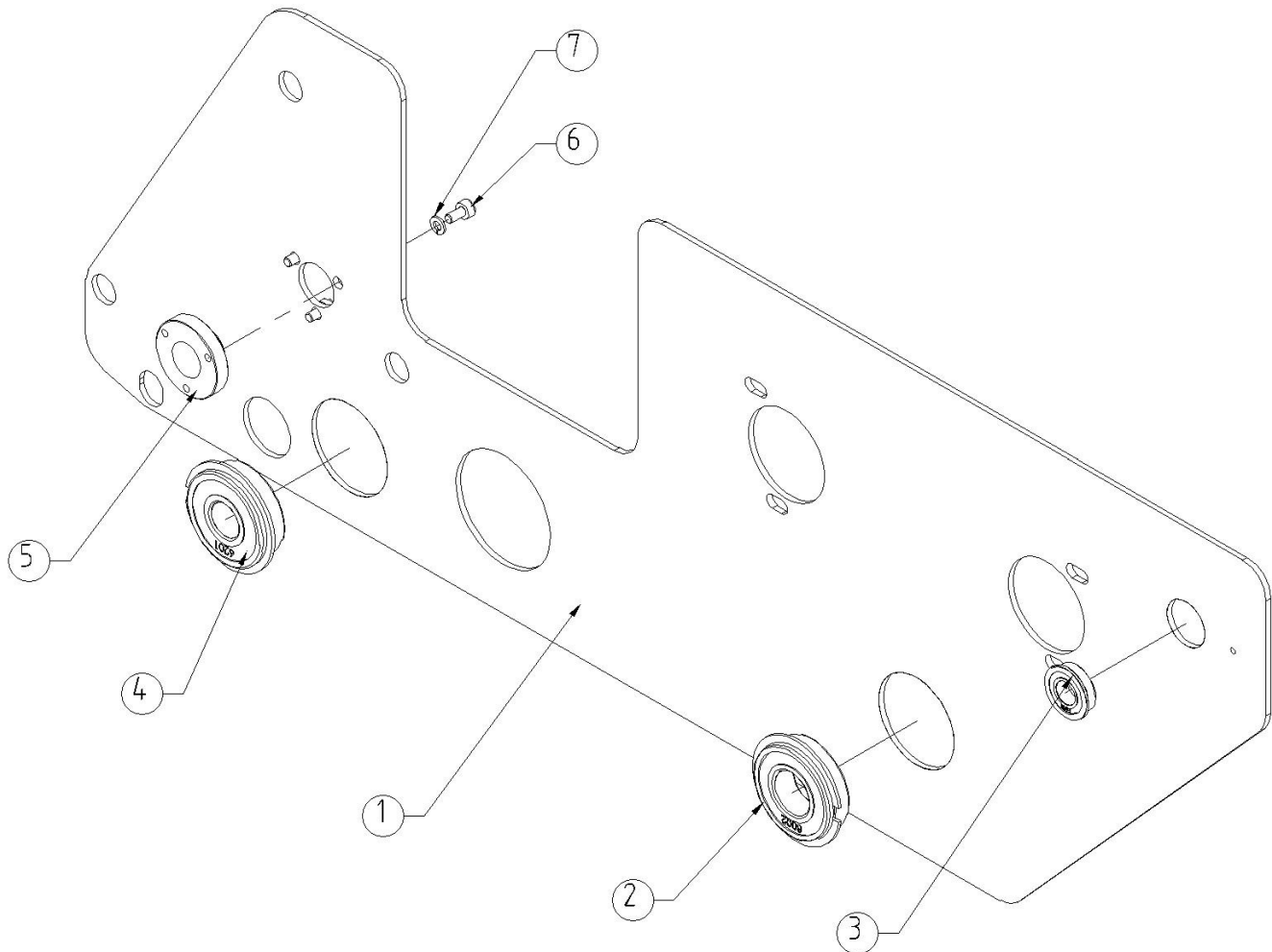
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Pad of tension bar	LA1-PL150-037	1	
2	Roller shaft of tension bar	LA1-PL150-097	1	
3	E-ring E4	DCEV-E4	2	
4	Interior roller of tension bar	LA1-PL150-098	1	
5	Sponge roller of tension bar	LA1-PL150-099	1	
6	Socket Head Cap Screws M4*70	XNJW-M470	1	

Applicator Base Plate Assembly



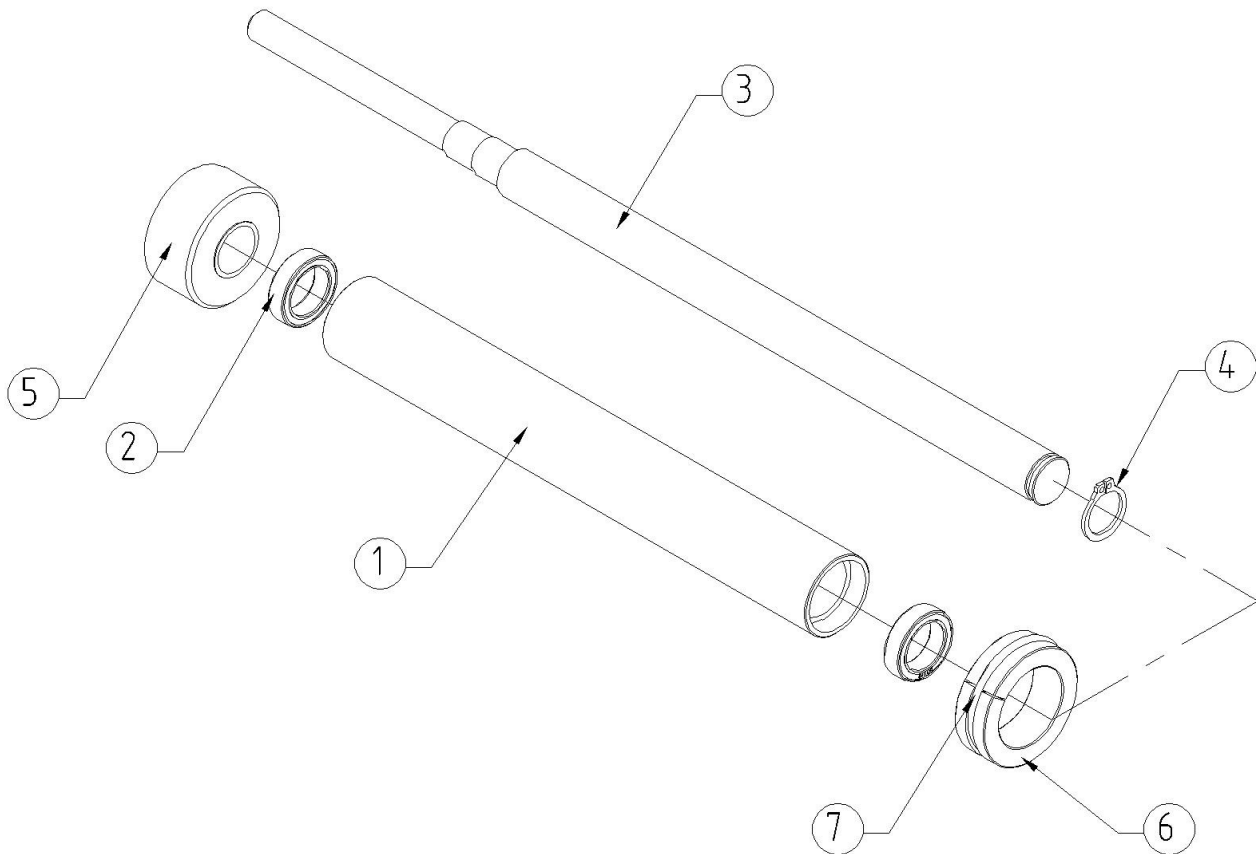
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Applicator base plate	LA1-PL150-001B	1	
2	Bearing 6202NR	5TGH-6202NR	1	
3	Bearing F688zz	5TGH-F688zz	1	
4	Upper Sleeve	LA1-PL150-022	1	
5	Bearing 7R8NR	5TGH-R8NR	1	
6	Applicator fixture	LA1-PL150-003	1	
7	Back cover fixing shaft	LA1-PL150-027	4	
8	Socket Head Cap Screws M5*16	XNJW-M516	4	
9	Socket Head Cap Screws M4*16	XNJW-M416	4	

Applicator Back Plate Assembly



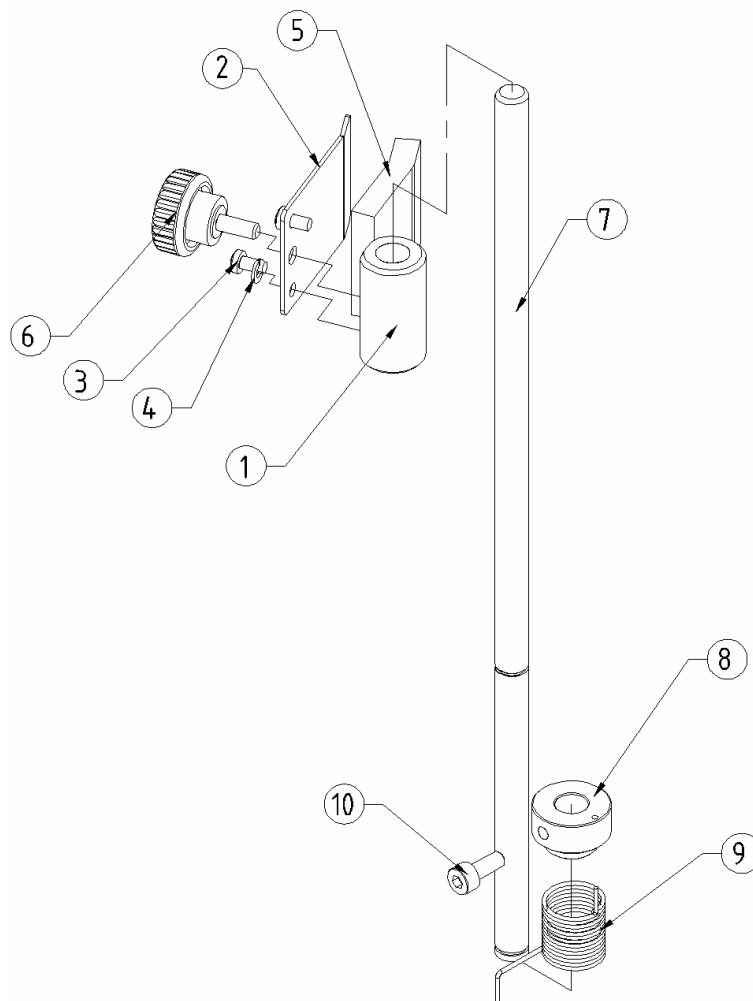
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Applicator back plate	LA1-PL150-002	1	
2	Bearing 6002NR	5TGH-6002NR	1	
3	Bearing F688zz	5TGH-F688zz	1	
4	Bearing 6201NR	5TGH-6201NR	1	
5	Bottom sleeve	LA1-PL150-023	1	
6	Socket Head Cap Screws	XNJW-M36	3	
7	Spring washer	2FW0-M3	3	

Label Lead Assembly 1



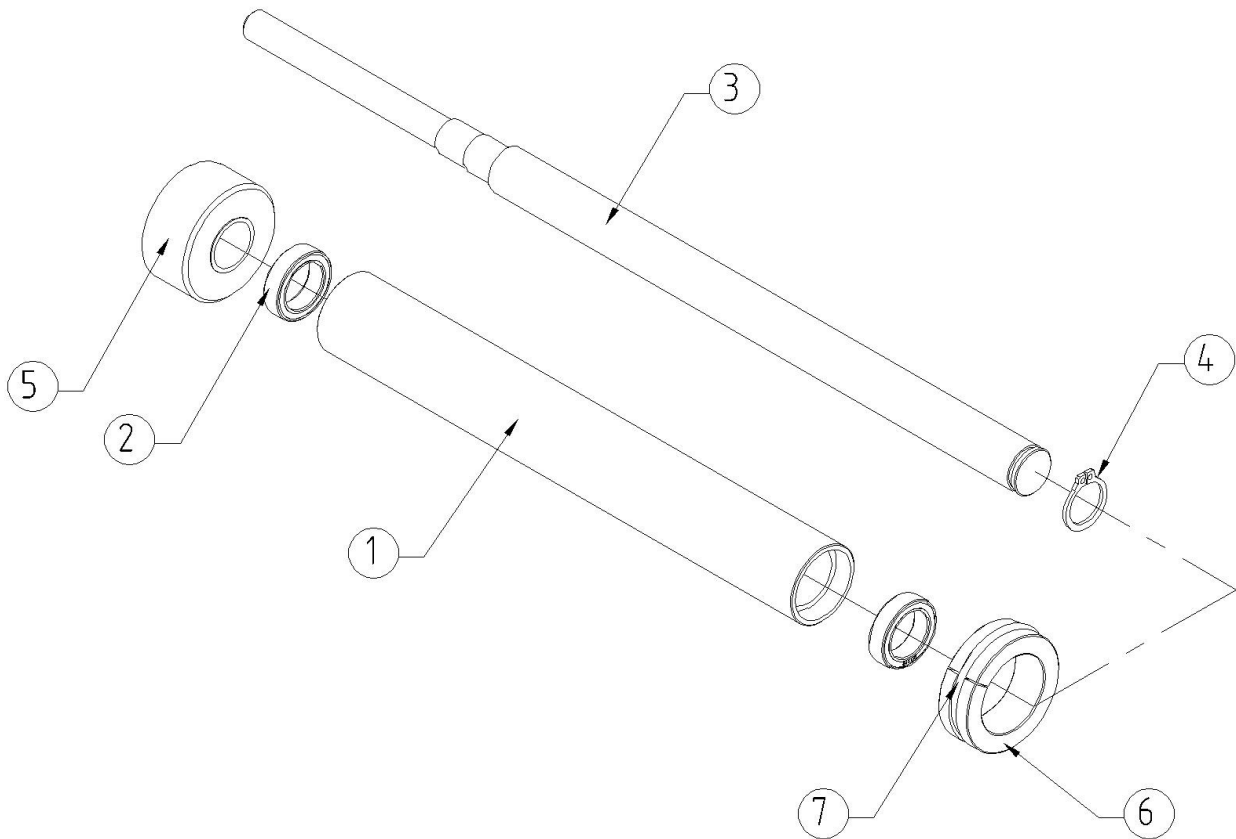
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Label lead roller	LA1-PL150-092	1	
2	Bearing RI1212	5T5W-RI1212	2	
3	Label lead roller shaft	LA1-PL150-094	2	
4	S-ring S12	DCSV-S12	2	
5	Lower label roller sleeve – large	LA1-PL150-019	1	
6	Label position sleeve - large	LA1-PL150-039	1	
7	Spring	LA1-PL150-052	1	

Label Press Assembly



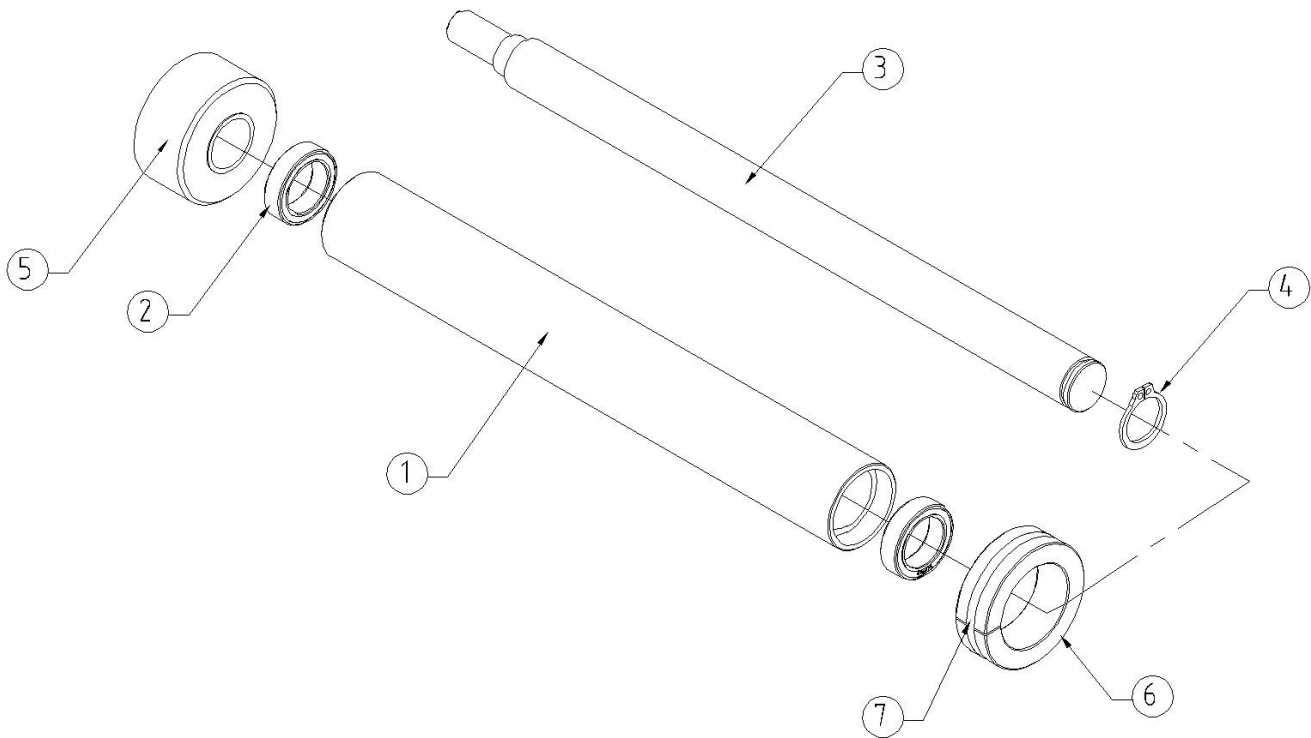
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Label press plate base	LA1-PL150-046	1	
2	Label press plate	LA1-PL150-047	1	
3	Philips Head Screws	XNMW-M36	2	
4	Spring washer M3	2FW0-M3	2	
5	Label press pad	LA1-PL150-089	1	
6	Knob 802020M410	51WR-802020M410	1	
7	Label press shaft	LA1-PL150-054	1	
8	Spring base	LA1-PL150-017	1	
9	Spring	LA1-PL150-016	1	
10	Socket Head Cap Screws M4*10	XNJW-M410	1	

Label Lead Fixed Assembly



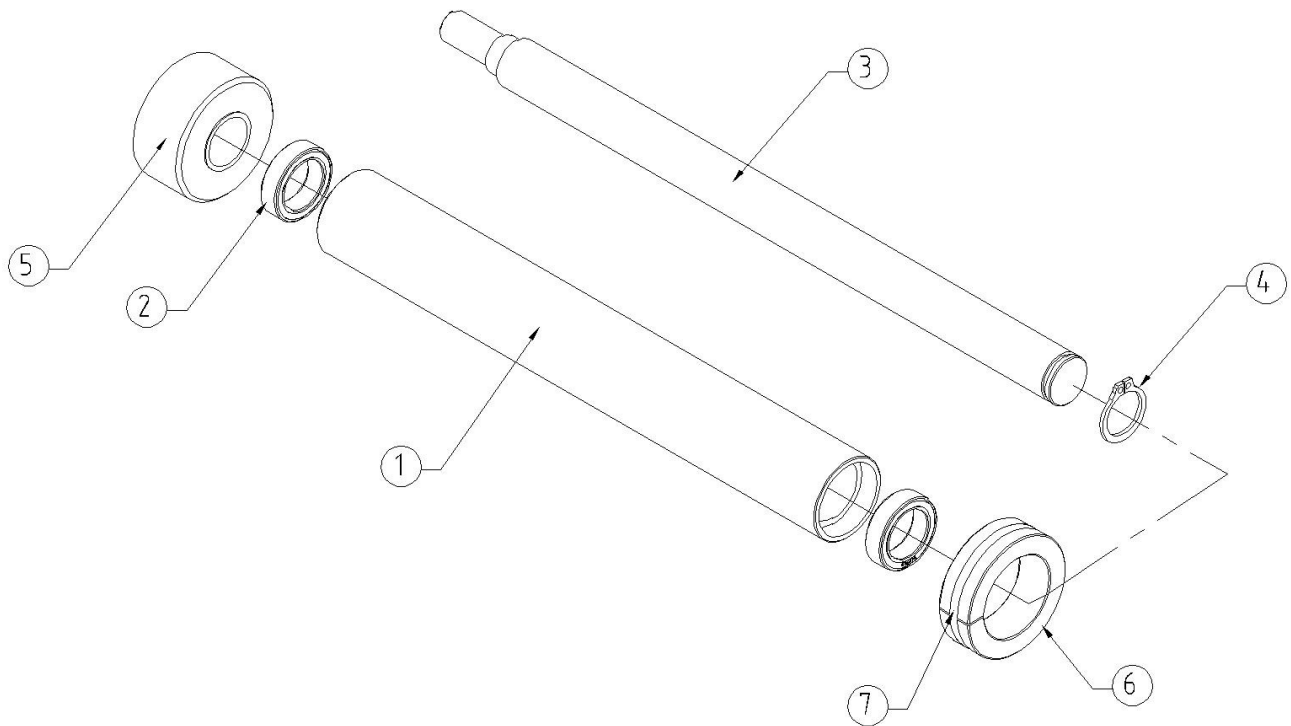
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Label lead roller	LA1-PL150-092	1	
2	Inner sleeve ring	LA1-PL150-021	2	
3	Label lead roller shaft	LA1-PL150-094	2	
4	S-ring S12	DCSV-S12	2	
5	Lower label roller sleeve –large	LA1-PL150-019	1	
6	Label position sleeve –large	LA1-PL150-039	1	
7	Spring	LA1-PL150-052	1	

Label Lead Assembly 2



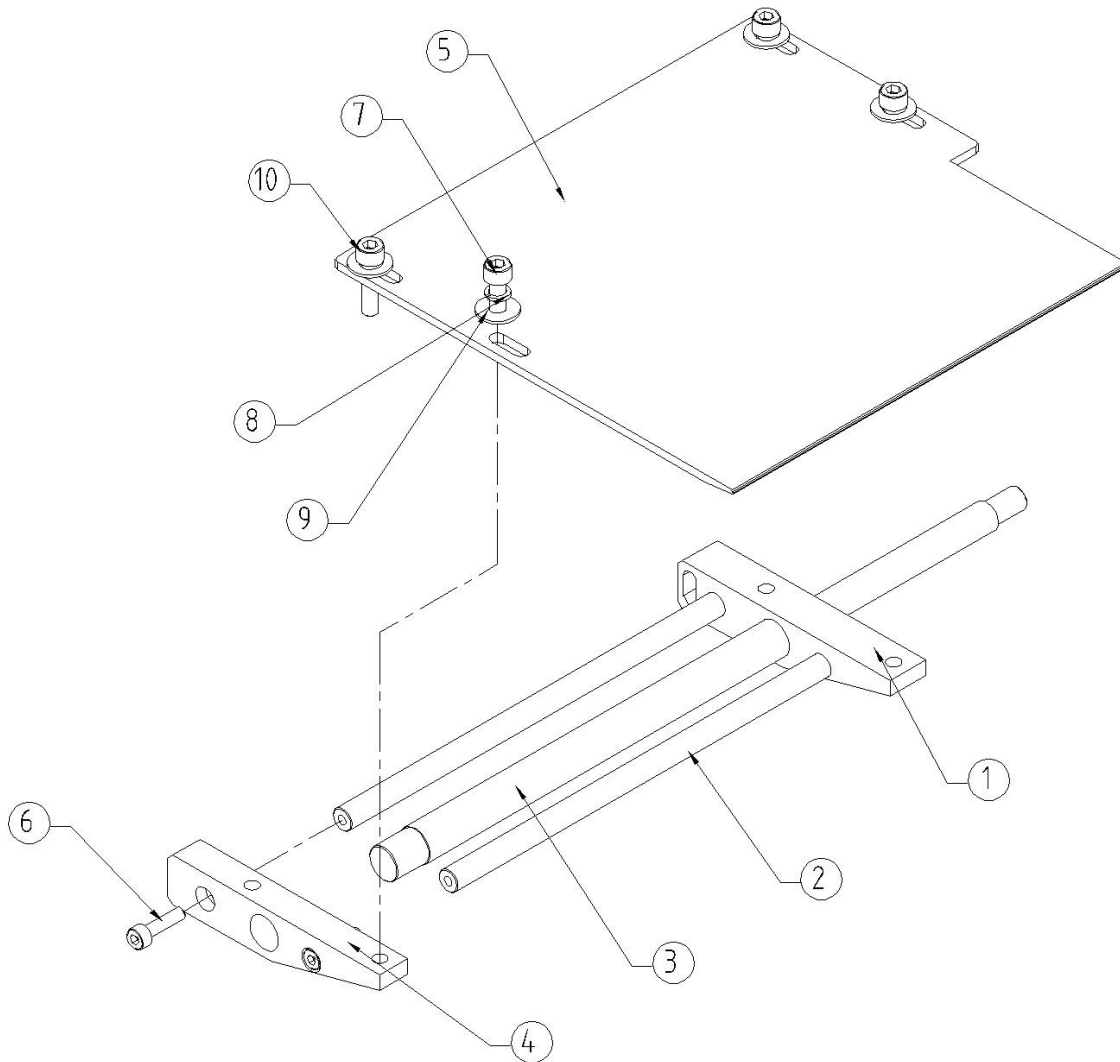
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Label lead roller	LA1-PL150-092	1	
2	Bearing RI1212	5T5W-RI1212	2	
3	Label lead roller shaft	LA1-PL150-093	2	
4	S-ring S12	DCSV-S12	2	
5	Lower label roller sleeve – large	LA1-PL150-019	1	
6	Label position sleeve –large	LA1-PL150-039	1	
7	Spring	LA1-PL150-052	1	

Label Lead Assembly 3



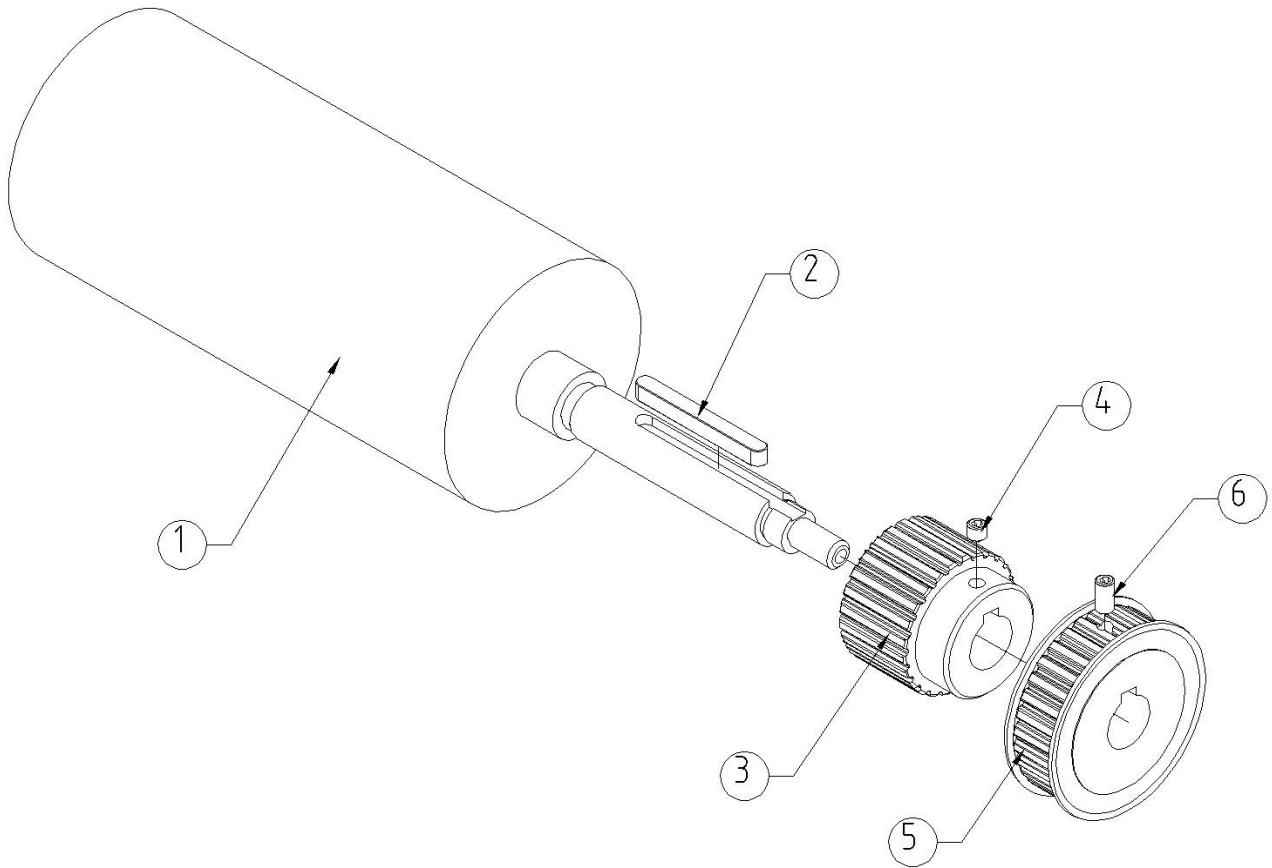
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Label lead roller	LA1-PL150-092	1	
2	Bearing RI1212	5T5W-RI1212	2	
3	Label lead roller shaft	LA1-PL150-093	2	
4	S-ring S12	DCSV-S12	2	
5	Lower label roller sleeve – small	LA1-PL150-020	1	
6	Label position sleeve -small	LA1-PL150-040	1	
7	Spring	LA1-PL150-052	1	

Label Peel Plate Assembly



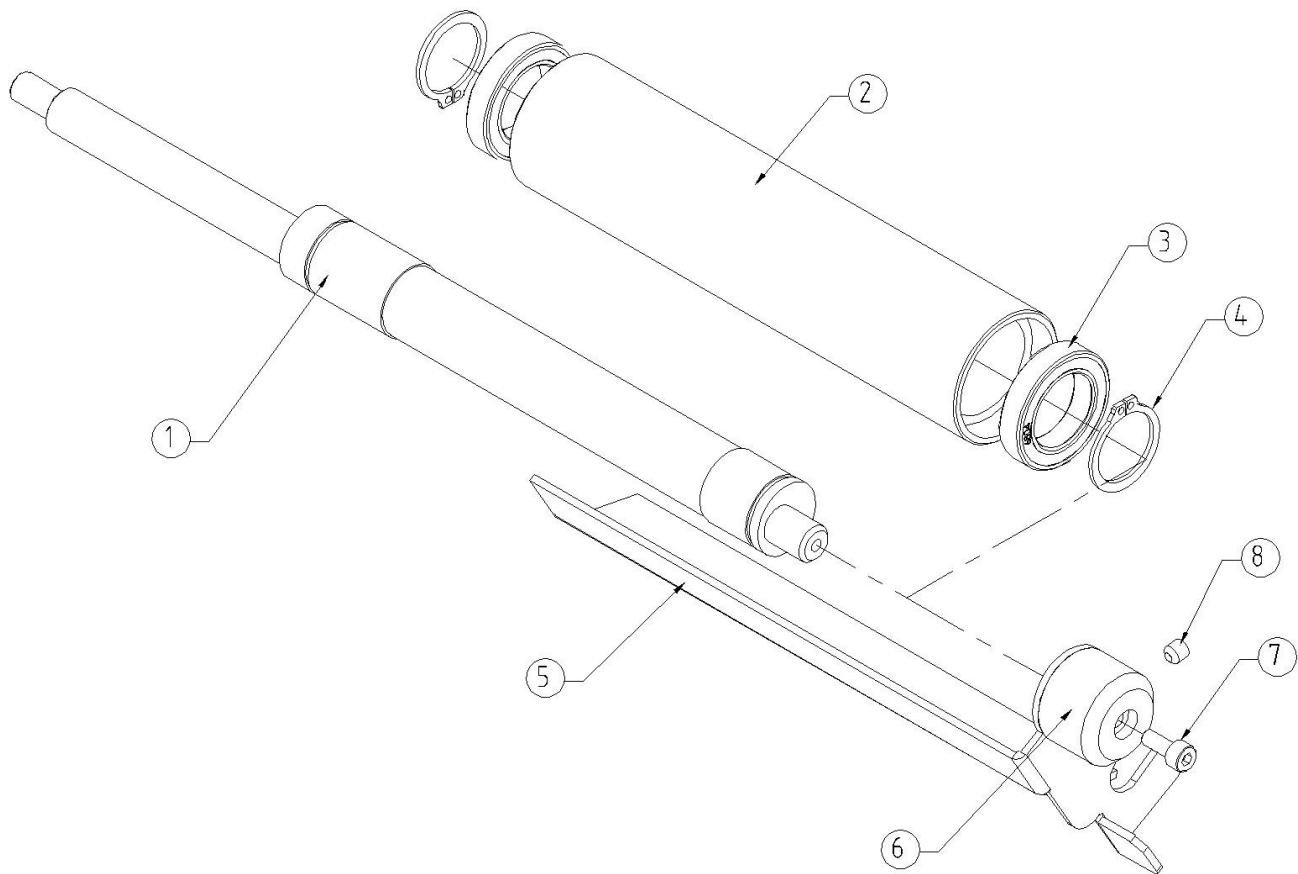
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Dispensing plate bottom base	LA1-PL150-050	1	
2	Support shaft	LA1-PL150-060	2	
3	Dispensing master shaft	LA1-PL150-059	1	
4	Dispensing plate upper base	LA1-PL150-051	1	
5	Dispensing plate	LA1-PL150-069B	1	
6	Socket Head Cap Screws M4	XNJW-M416	4	
7	Socket Head Cap Screws M5	XNJW-M516	2	
8	Spring washer M5	2FW0-M5	4	
9	Washer M5	XNQC-M5	4	
10	Socket Head Cap Screws M5	XNJW-M520	2	

PU Roller Assembly



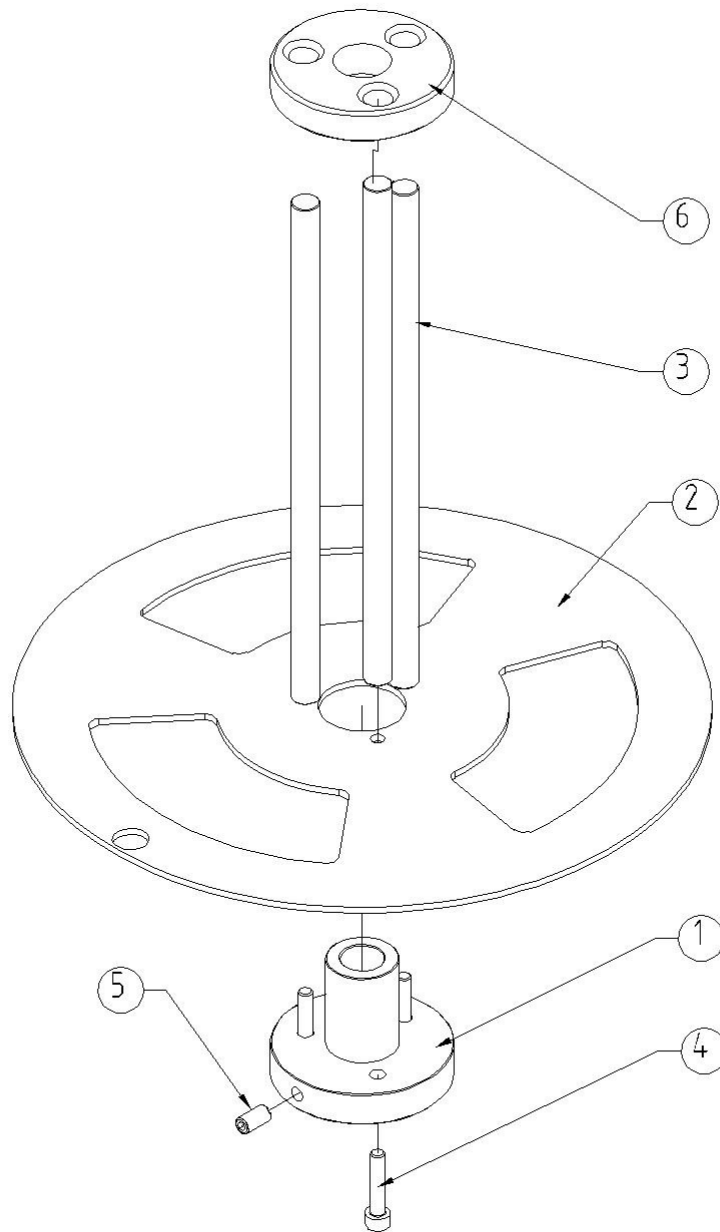
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	PU roller shaft	LA1-PL150-053B	1	
2	Double head round keys	RGM-5545	1	
3	Pulley	LA1-PL150-006	1	
4	Socket Set Screw	XN5Z-M55	1	
5	Pulley	LA1-PL150-007	1	
6	Socket Set Screw	XN5Z-M510	1	

Lever Sleeve Assembly



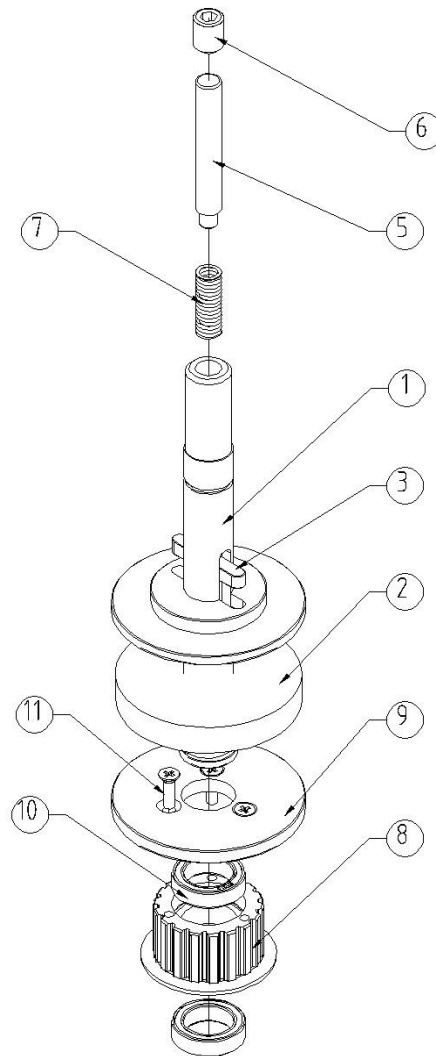
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Bias shaft	LA1-PL150-061	1	
2	Bias wheel	LA1-PL150-062	1	
3	Bearing 6804zz	5TGH-6804zz	2	
4	S-ring S20	DCSV-S20	2	
5	Position plate	LA1-PL150-025	1	
6	Spanner ring	LA1-PL150-024	1	
7	Socket Head Cap Screws	XNJW-M410	1	
8	Socket Set Screw	XN5Z-M55	1	

Base Paper Collect Assembly 1



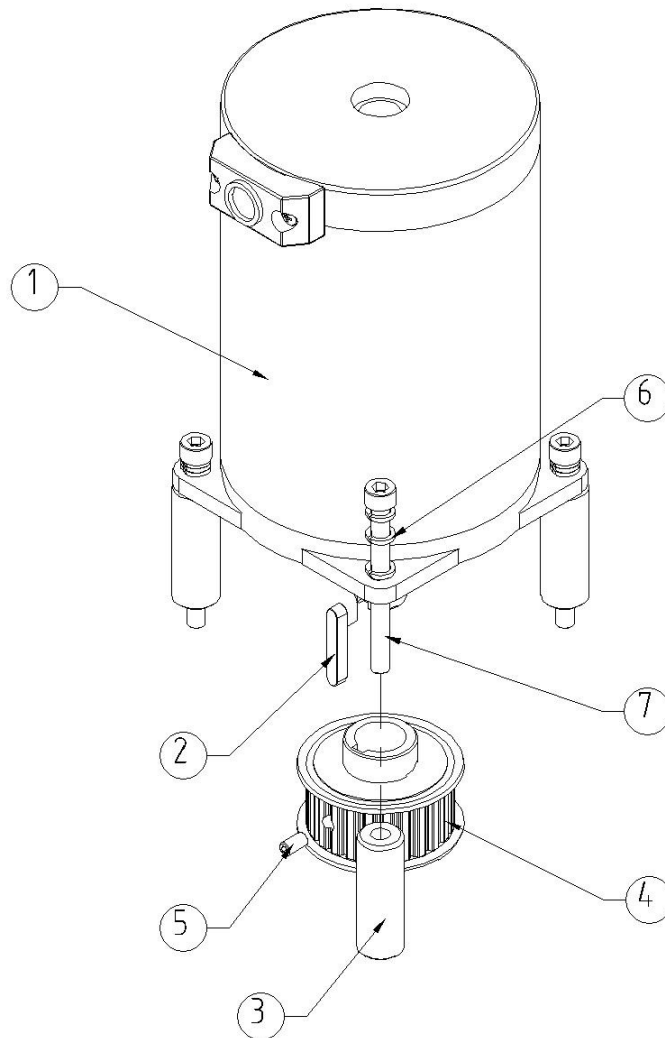
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Base paper collect wheel	LA1-PL150-014	1	
2	Base paper collect plate	LA1-PL150-041	1	
3	Base paper collect shaft	LA1-PL150-095B	3	
4	Socket Head Cap Screws M4*20	XNJW-M420	3	
5	Socket Set Screw M5	XN5Z-M510	1	
6	Base paper collect fixing base	LA1-PL150-015	1	

Base Paper Collect Assembly 2



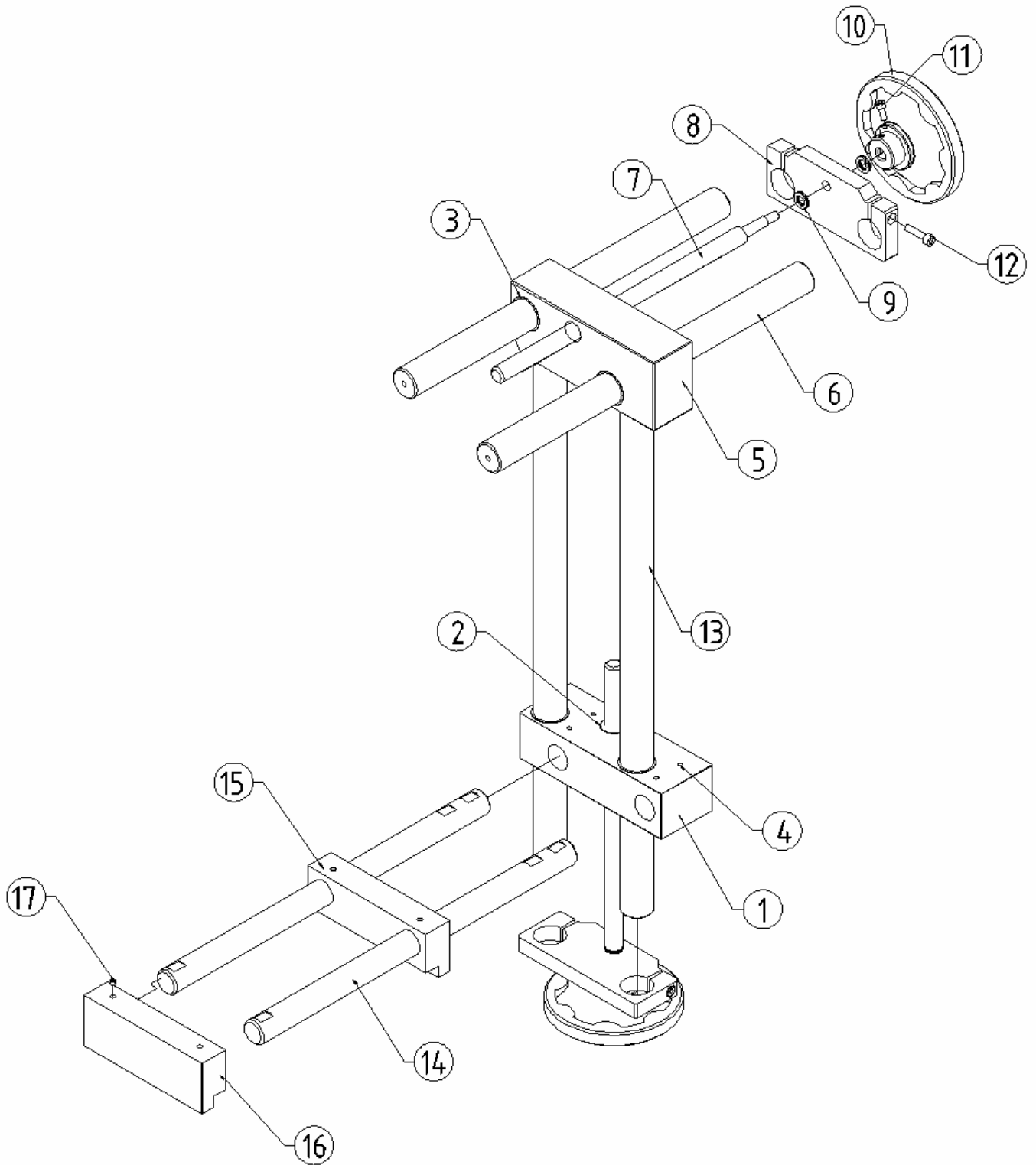
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Base paper collect transmission shaft	LA1-PL150-013	1	
2	Friction slice	LA1-PL150-009	1	
3	Brake pressing plate	LA1-PL150-011	1	
4	Double head round keys	RGM-4425	1	
5	Top pin	LA1-PL150-012	1	
6	Socket Set Screw	XN5Z-M810	1	
7	Spring	LA1-PL150-026	1	
8	Pulley	LA1-PL150-008	1	
9	Friction plate	LA1-PL150-010	1	
10	Bearing RI1212	5T5W-RI1212	2	
11	bolt	XNAW-M310	3	

Applicator Motor Assembly



NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Applicator Motor	A21R-SM286352576A	1	
2	Double head round keys	RGM-4425	1	
3	Motor fixing shaft	LA1-PL150-005	4	
4	Pulley	LA1-PL150-004	1	
5	Socket Set Screw	XN5Z-M48	1	
6	Spring washer M5	2FW0-M5	12	
7	Socket Head Cap Screws M5*55	XNJW-M555	4	

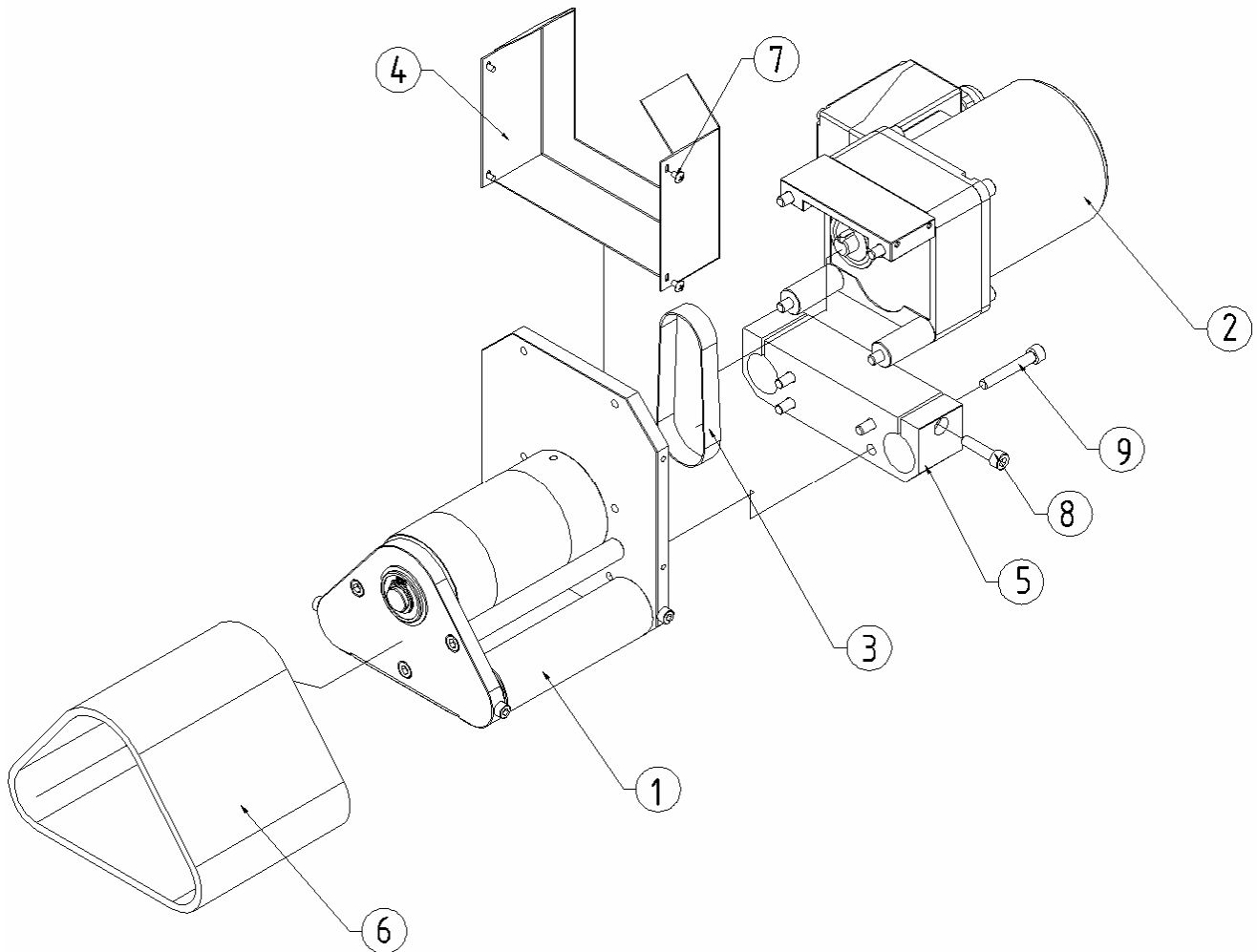
Applicator Adjustment Assembly



Applicator Adjustment Assembly Part List

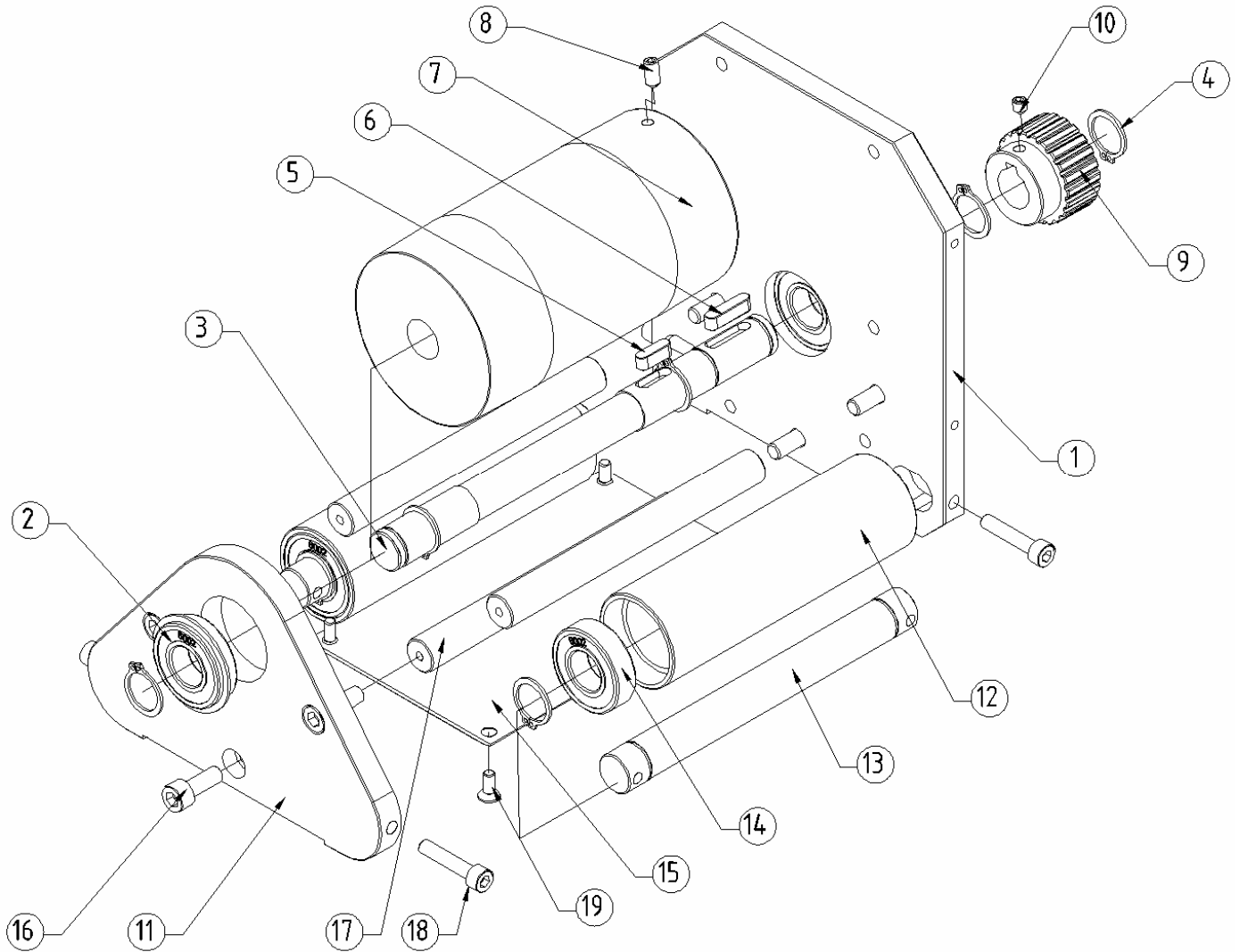
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Applicator fixed base	AA1-PL521-003	1	
2	Screw nut	AA1-PL501-003B	2	
3	Bearing	5TDU-LBF3025	8	
4	Socket Set Screw	XN5Z-M510	4	
5	Applicator fixed base	AA1-PL521-001	1	
6	Sliding shaft	AA1-PL521-002	2	
7	Adjusting screw	AA1-PL501-007	2	
8	Sliding shaft fixed plate	AA1-PL501-011	2	
9	nylon washer	2FN2-101610	12	
10	Hand wheel	QRGX-3043125B10	2	
11	Socket Head Cap Screws	XNJW-M512	4	
12	Socket Head Cap Screws	XNJW-M625	4	
13	Sliding shaft D30*560	512C-30D560	2	
14	Sliding shaft	AA1-PL521-004	2	
15	Applicator fixed base-2	AA1-PL501-016	1	
16	Applicator fixed base-1	AA1-PL501-001	1	
17	Socket Set Screw	XN5Z-M55	4	

Wrap Station Assembly



NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Wrap station transmission assembly		1	
2	Wrap station motor assembly		1	
3	Timing belt 94XL-050	T2Q2-94XL050	1	
4	cover	WB1-PL120-001	1	
5	fixed base	WB1-PL120-002	1	
6	wrap around belt 118W*388L	T2EW-118W388L	1	
7	Truss Head Screw	XNMW-M35	4	
8	Socket Head Cap Screws	XNJW-M625	2	
9	Socket Head Cap Screws	XNJW-M640	4	

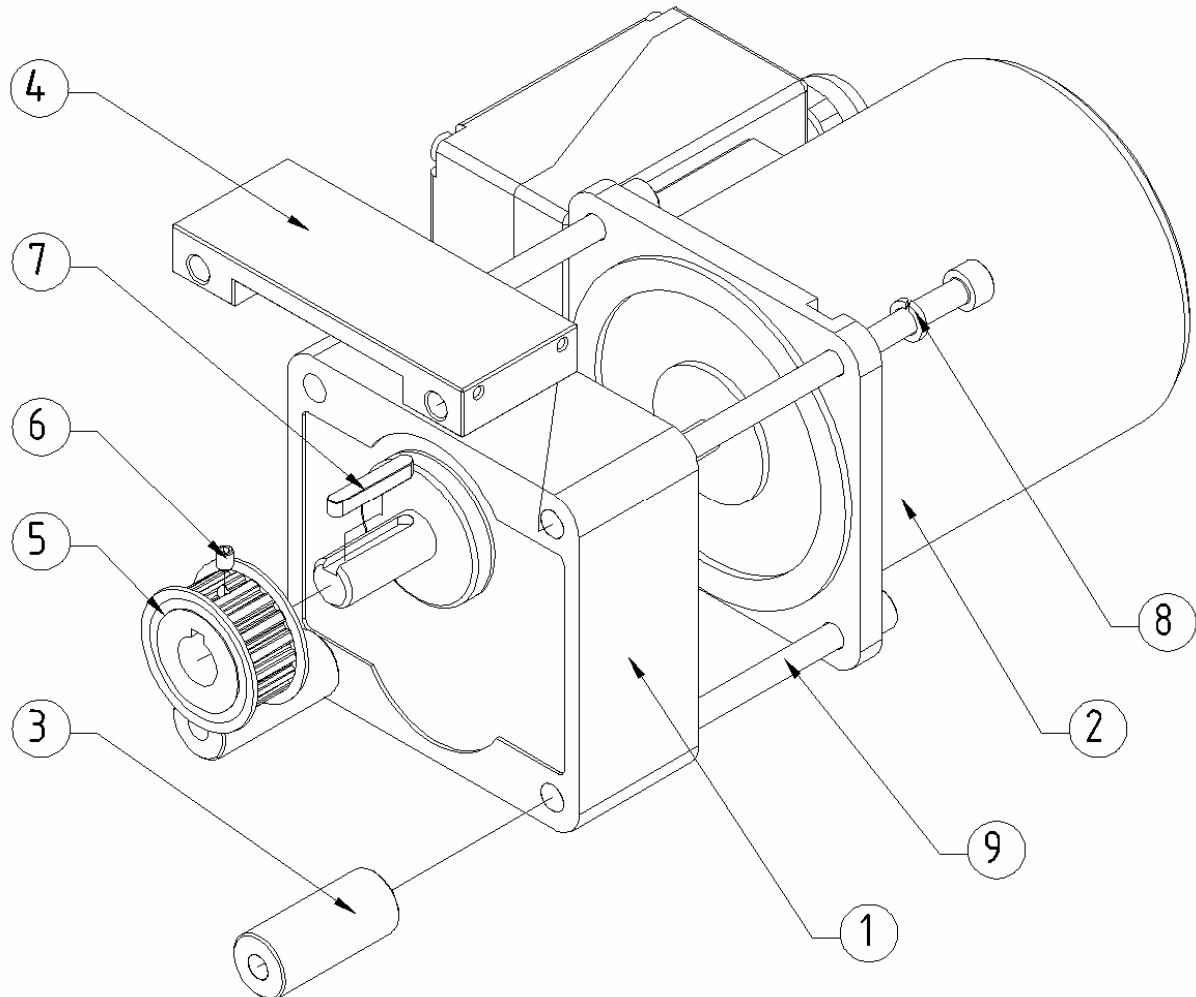
Wrap Station Transmission Assembly



Wrap Station Transmission Assembly Part List

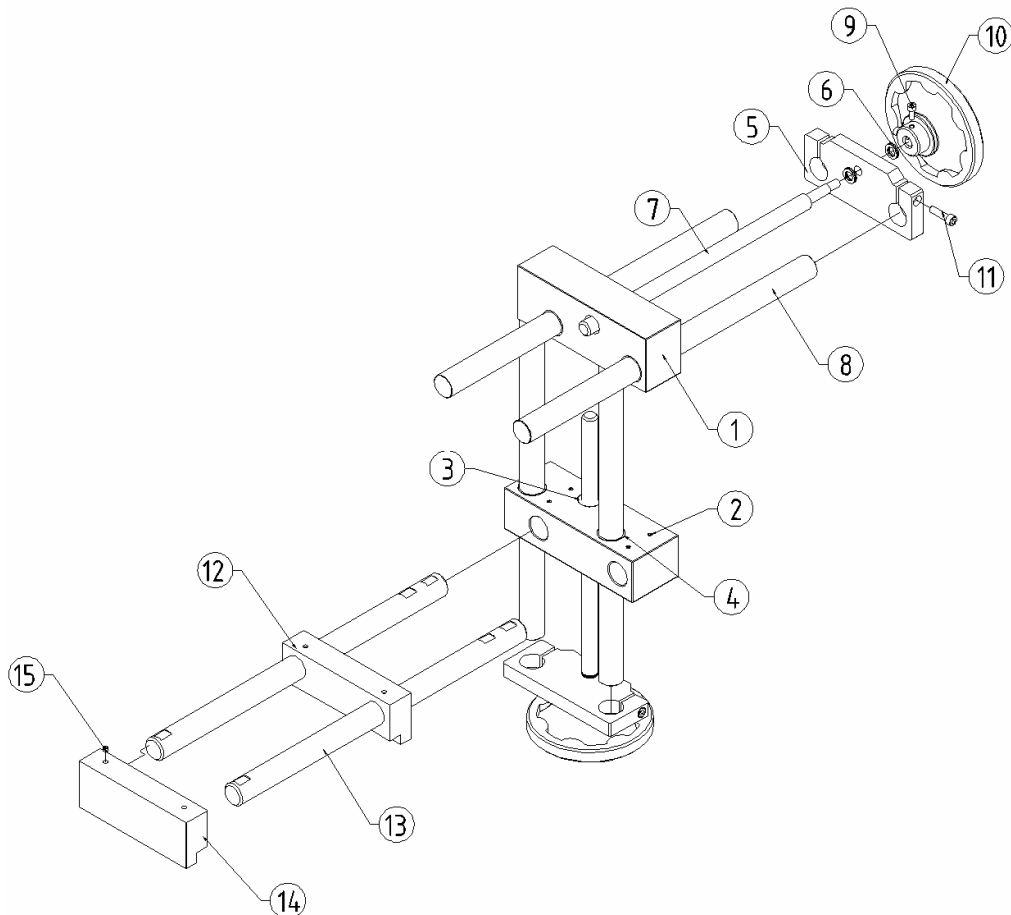
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	base plate	WB1-PL120-003	1	
2	Bearing 6002NR	5TGH-6002NR	2	
3	Driving pulley shaft	WB1-PL120-004	1	
4	S-ring S15	DCSV-S15	9	
5	Double head round keys	RGM-5515	1	
6	Double head round keys	RGM-520	1	
7	Driving pulley	WB1-PL120-009	1	
8	Socket Set Screw	XN5Z-M510	1	
9	Pulley	T2Q2X-22XL050155	1	
10	Socket Set Screw	XN5Z-M55	1	
11	top cover plate	WB1-PL120-010B	1	
12	Driven pulley	WB1-PL120-007	2	
13	Driven pulley shaft	WB1-PL120-006	2	
14	Bearing 6002zz	5TGH-6002ZZ	4	
15	top plate	WB1-PL120-008	1	
16	Socket Head Cap Screws	XNJW-M616	6	
17	spacing shaft	WB1-PL120-005	3	
18	Socket Head Cap Screws	XNJW-M525	4	
19	Pan head screws Hexagon	XNAW-M410	4	

Wrap Station Motor Assembly



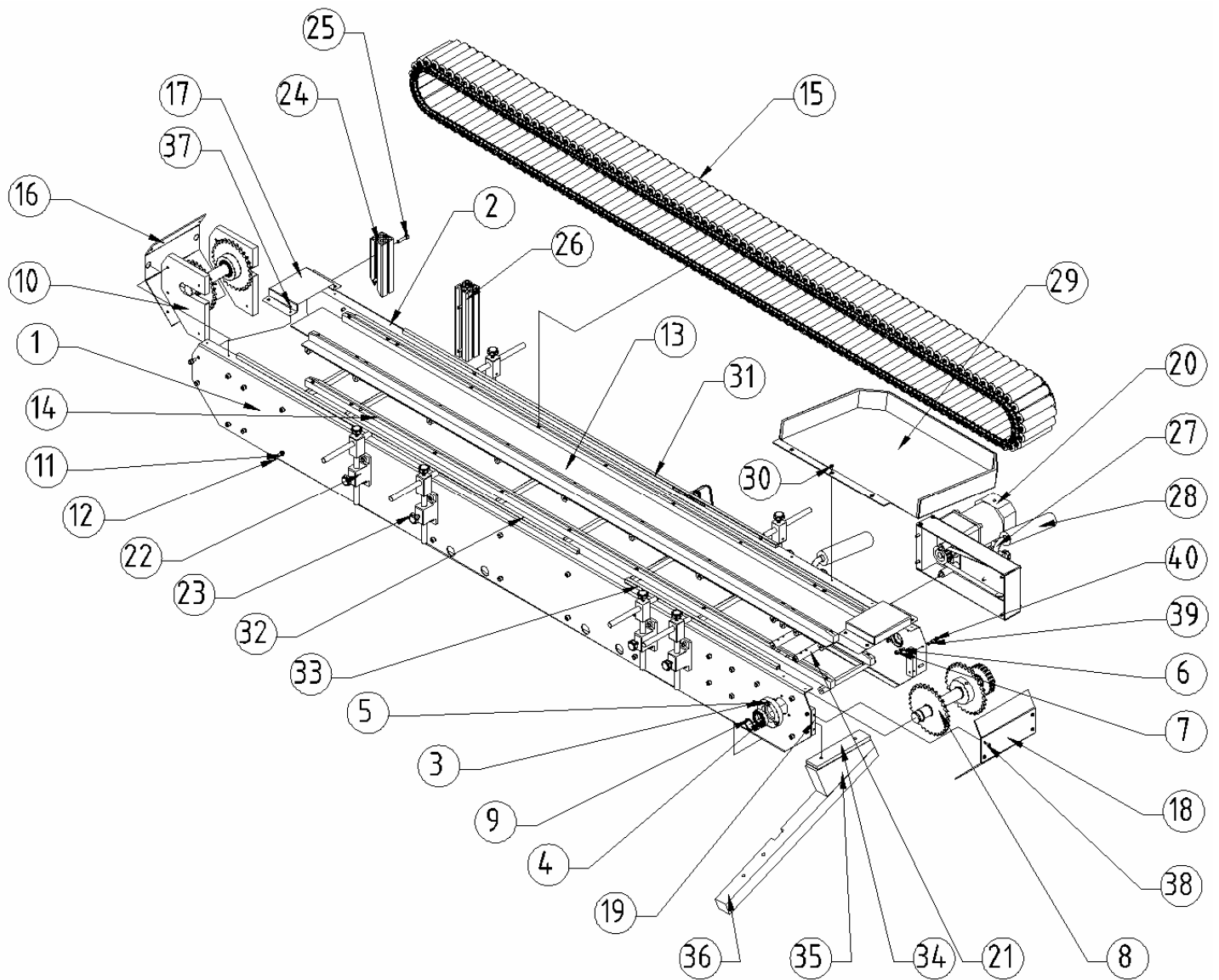
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	gear box MX9G10B	A2RG-MX9G10B	1	
2	Motor M9MX40GK4YG	A2EU-M9MX40GK4YG	1	
3	motor fixed pillar	WB1-PL160-004	2	
4	motor fixed plate	WB1-PL160-009	1	
5	Pulley	T2Q2X-19XL050124	1	
6	Socket Set Screw	XN5Z-M45	1	
7	Double head round keys	RGM-4425	1	
8	Spring washer	2FW0-M6	4	
9	Socket Head Cap Screws	XNJW-M690	4	

Wrap Station Adjustment Assembly



NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	fixed base	AA1-PL501-002	1	
2	Socket Set Screw	XN5Z-M510	4	
3	Screw nut	AA1-PL501-003B	2	
4	Bearing	5TDU-LBF2520	8	
5	Sliding shaft fixed plate	AA1-PL501-005	2	
6	nylon washer	2FN2-101610	12	
7	Adjusting screw	AA1-PL501-007	2	
8	Sliding shaft D25*400	512C-25D400	2	
9	Socket Head Cap Screws	XMJW-M512	2	
10	Hand wheel	QRGX-3043125B10	1	
11	Socket Head Cap Screws	XNJW-M625	2	
12	Applicator fixed base	AA1-PL501-016	1	
13	Sliding shaft	AA1-PL521-004	2	
14	Applicator fixed base	AA1-PL501-001	1	
15	Socket Set Screw	XN5Z-M55	4	

Conveyor Assembly



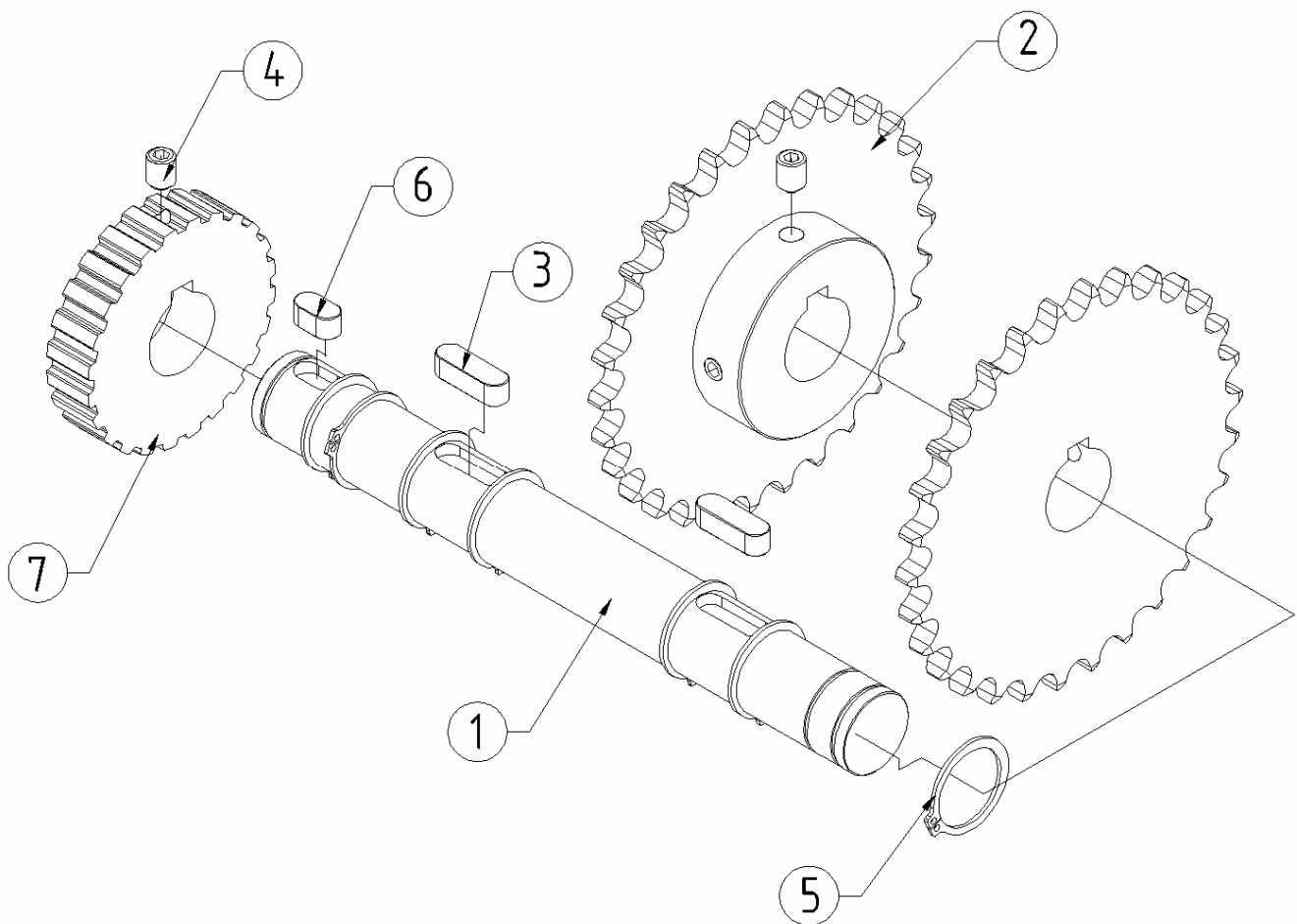
Conveyor Assembly Part List I

NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	conveyor front side cover	CV1-PL521-006B	1	
2	conveyor back side cover	CV1-PL521-010B	1	
3	conveyor front side cover	CV1-PL501-006	2	
4	Bearing 6905zz	5TGH-6905ZZ	2	
5	Socket Head Cap Screws	XNJW-M516	6	
6	Spring washer	2FW0-M5	6	
7	Hex Nuts	XAXR-M5	6	
8	Conveyor driving pulley assembly		1	
9	S-ring S25	DCSV-S25	2	
10	Conveyor driven pulley assembly		1	
11	Spring washer	2FW0-M6	35	
12	Socket Head Cap Screws	XNJW-M612	49	
13	Conveyor sliding rail assembly-1		1	
14	Conveyor sliding rail assembly-2		1	
15	Conveyor roller assembly		1	
16	conveyor end cover	CV1-PL521-002	1	
17	top cover	CV1-PL521-001B	2	
18	conveyor end cover	CV1-PL521-020	1	
19	conveyor end cover fixture	CV1-PL521-021	2	
20	Conveyor motor assembly		1	
21	spacing pillar	CV1-PL521-007B	4	
22	supporter of guide rail	GR1-PL501-001	8	
23	Knob	51WR-606025M615	8	
24	feeder fixed rod- A	CV1-PL521-011	1	
25	Socket Head Cap Screws	XNJW-M625	4	
26	feeder fixed rod- B	CV1-PL521-012	1	
27	Supporter of collect tray.	GR1-PL521-001	2	
28	Sponge roller of tension bar	LA1-PL150-099	2	

Conveyor Assembly Part List II

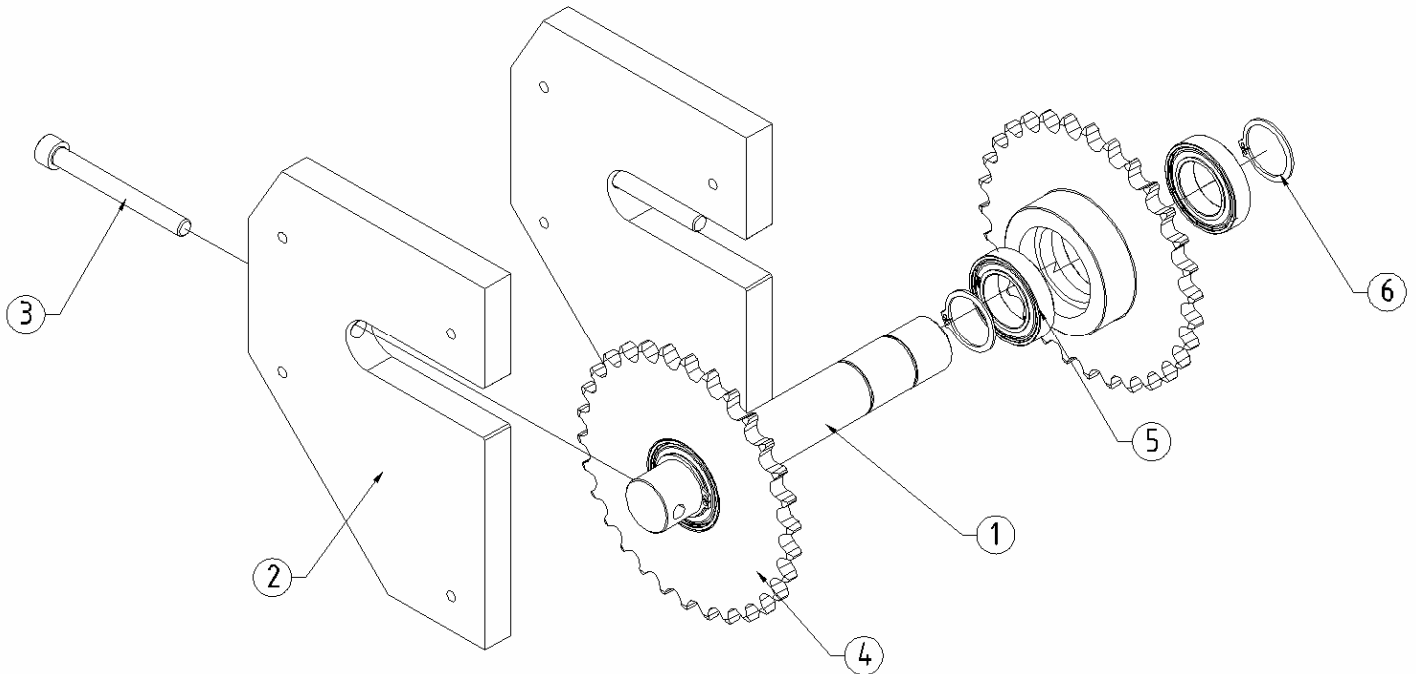
NO	DESCRIPTION	PART NO.	QTY.	NOTE
29	Collect tray assembly		1	
30	Pan head screws Hexagon	XNMW-M410	3	
31	Guide rail A01		1	
32	Guide rail A02		1	
33	Guide rail A03		1	
34	press plate for slanted base	FT1-PL521-008	1	
35	slanted fixture C	FT1-PL521-007	1	
36	fixed pillar for control box	FT1-PL521-006	1	
37	Truss Head Screw	XNMW-M35	8	
38	Philips Head Screws	XNMW-M410	4	
39	Spring washer	2FW0-M4	4	
40	Socket Head Cap Screws	XN JW-M416	4	

Conveyor Driving Pulley Assembly



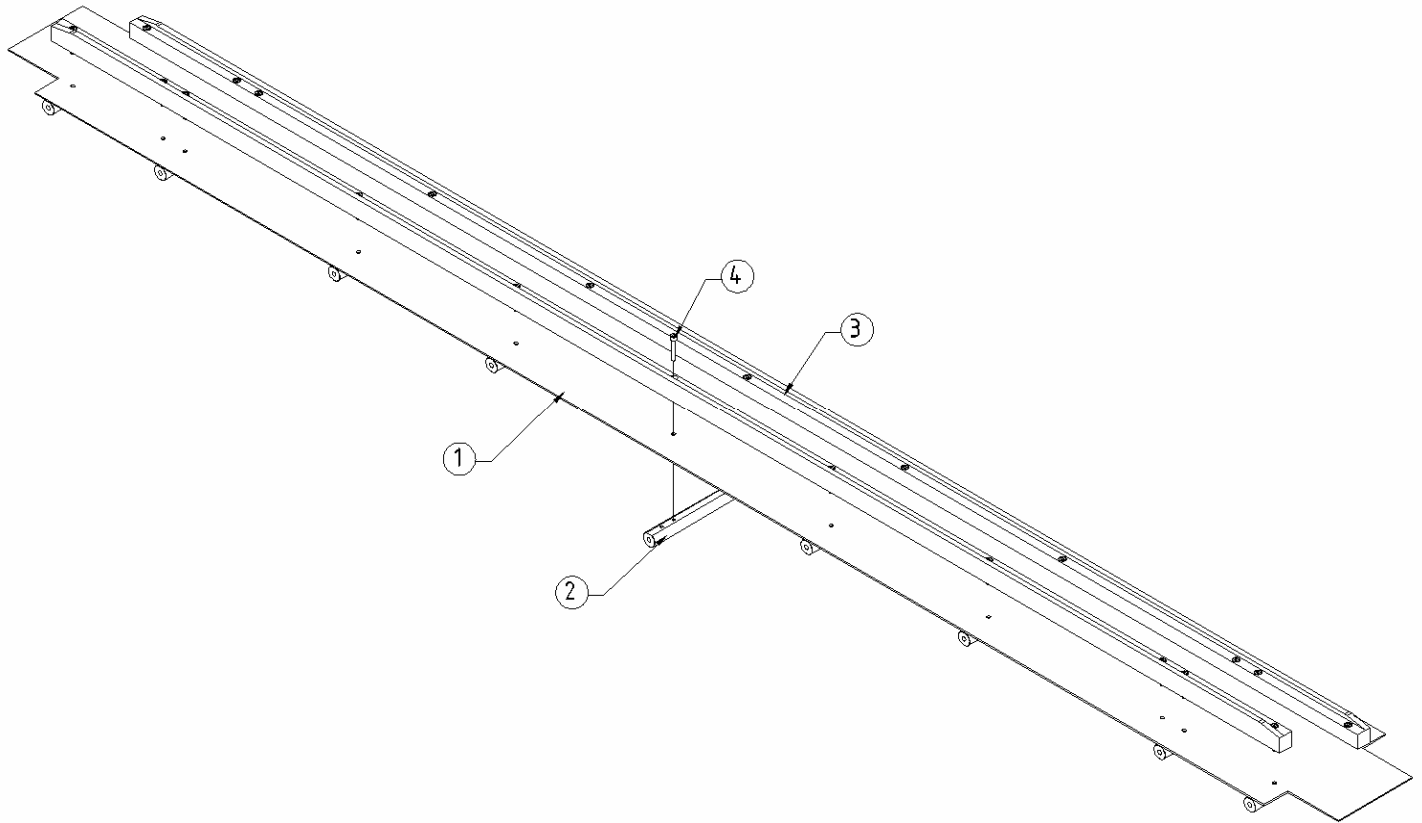
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Driving pulley shaft	CV1-PL521-015B	1	
2	Driving pulley	CV1-PL521-014	2	
3	Double head round keys	RGM-8725	2	
4	Socket Set Screw	XN5Z-M810	5	
5	S-ring S25	DCSV-S25	7	
6	Double head round keys	RGM-8825	1	
7	Pulley	T2Q2X-24L05025B	1	

Conveyor Driven Pulley Assembly



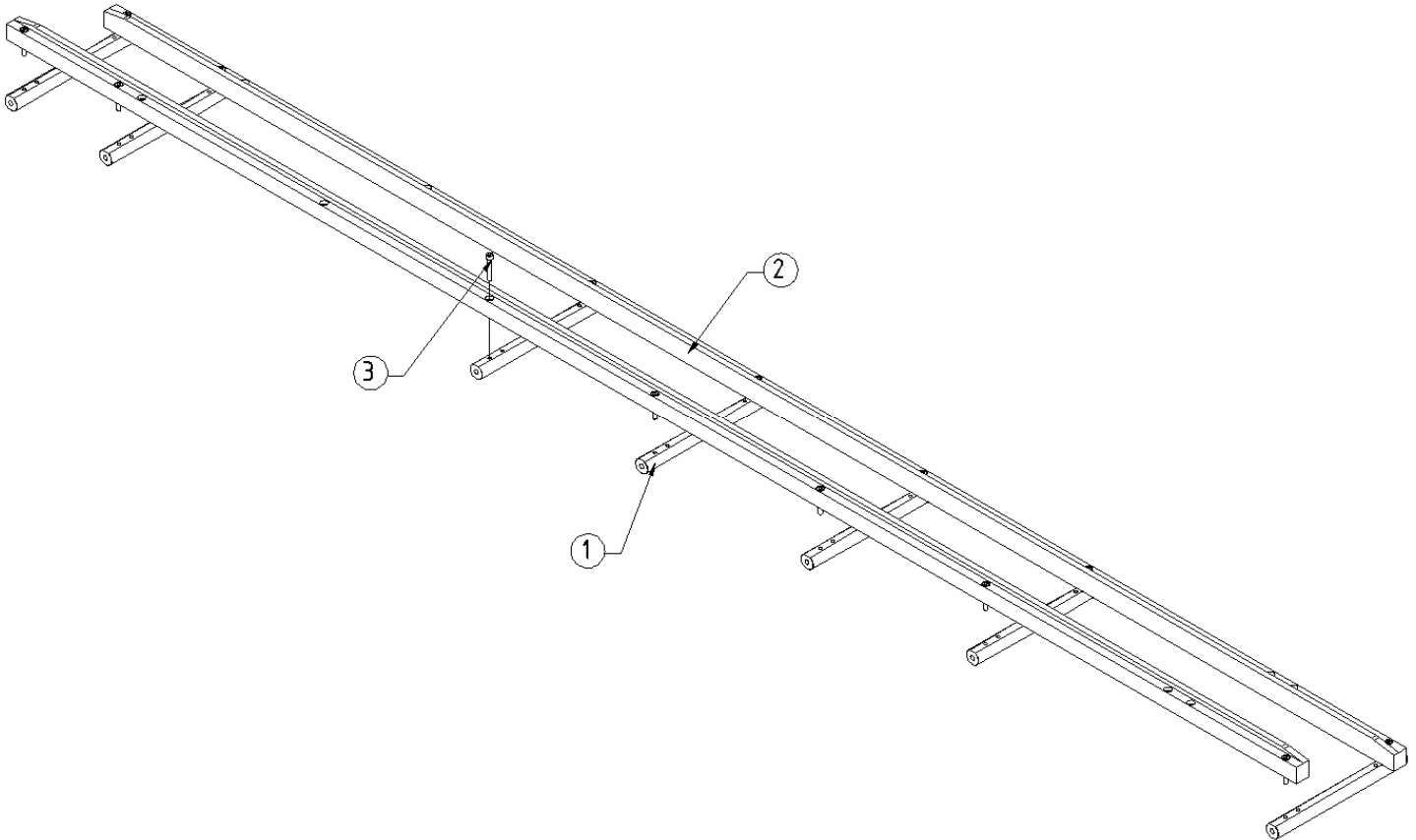
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Driven pulley	CV1-PL521-005	1	
2	pulley adjustment block	CV1-PL521-003	2	
3	Socket Head Cap Screws	XNJW-M875	2	
4	conveyor driven pulley	CV1-PL521-004	2	
5	Bearing 6905zz	5TGH-6905ZZ	4	
6	S-ring S25	DCSV-S25	4	

Conveyor Sliding Rail Assembly-1



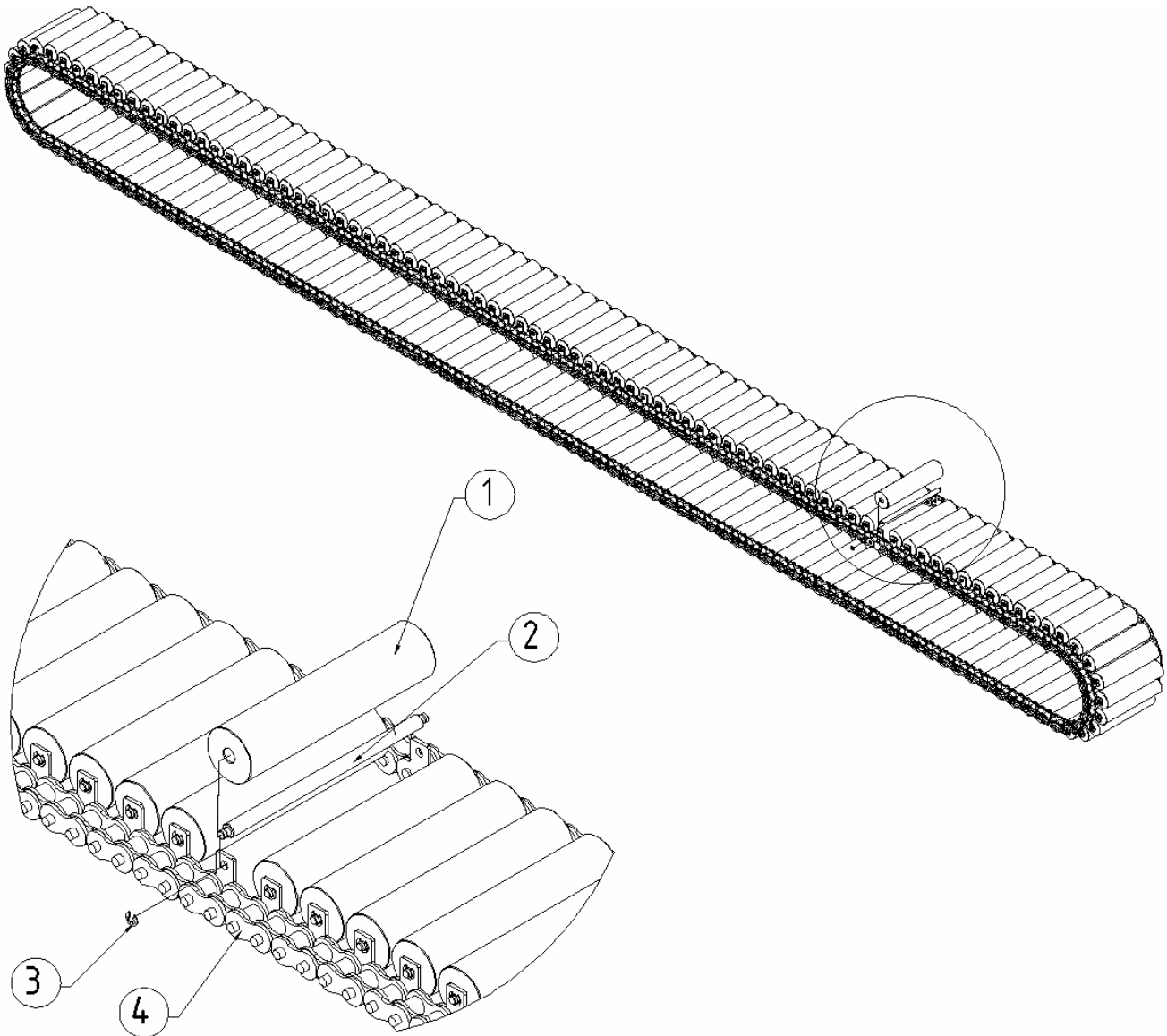
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	center panel	CV1-PL521-009B	1	
2	spacing pillar	CV1-PL521-007B	2	
3	slide rail	CV1-PL521-008B	2	
4	Socket Head Cap Screws	XNJW-M425	2	

Conveyor Siding Rail Assembly-2



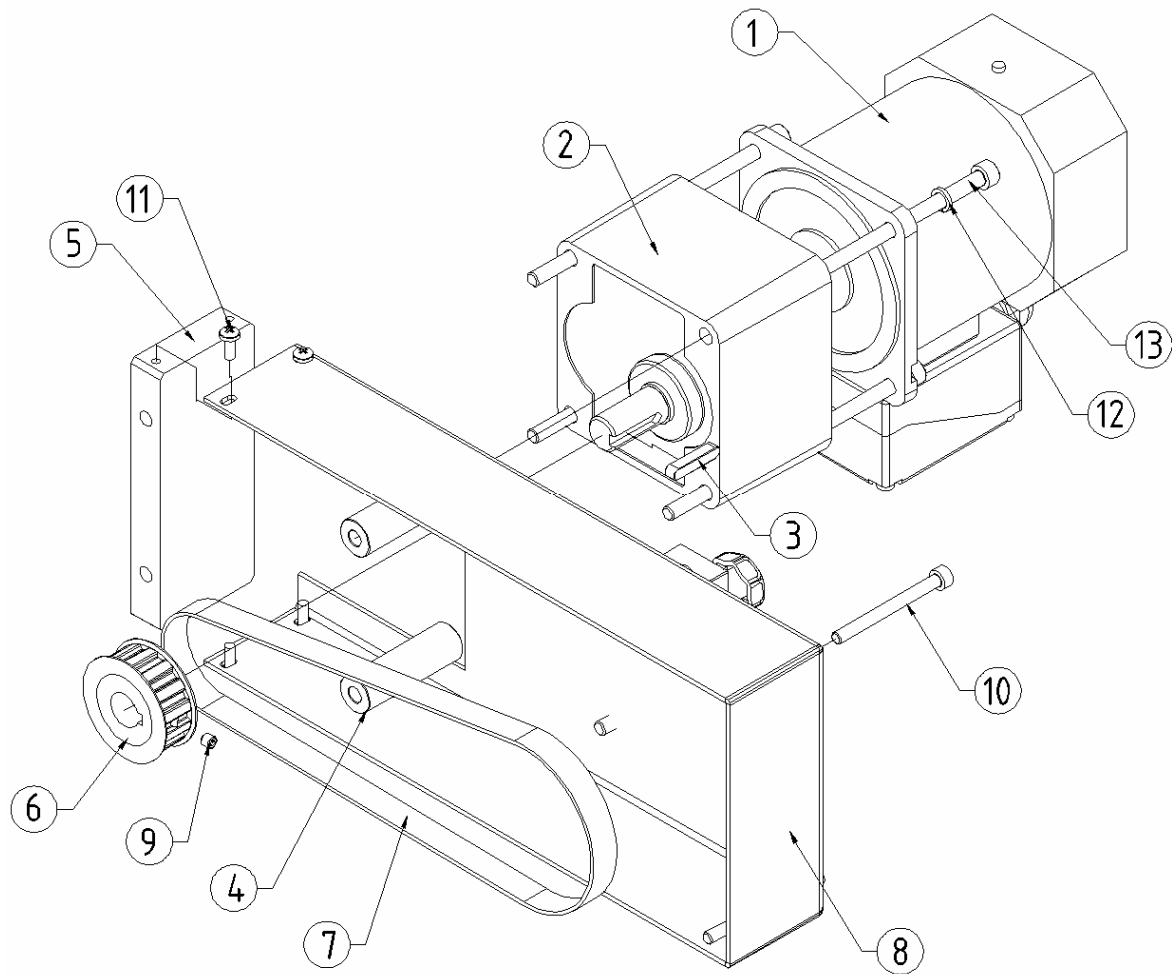
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	spacing pillar	CV1-PL521-007B	7	
2	slide rail	CV1-PL521-008B	2	
3	Socket Head Cap Screws	XNJW-M425	14	

Conveyor Roller Assembly



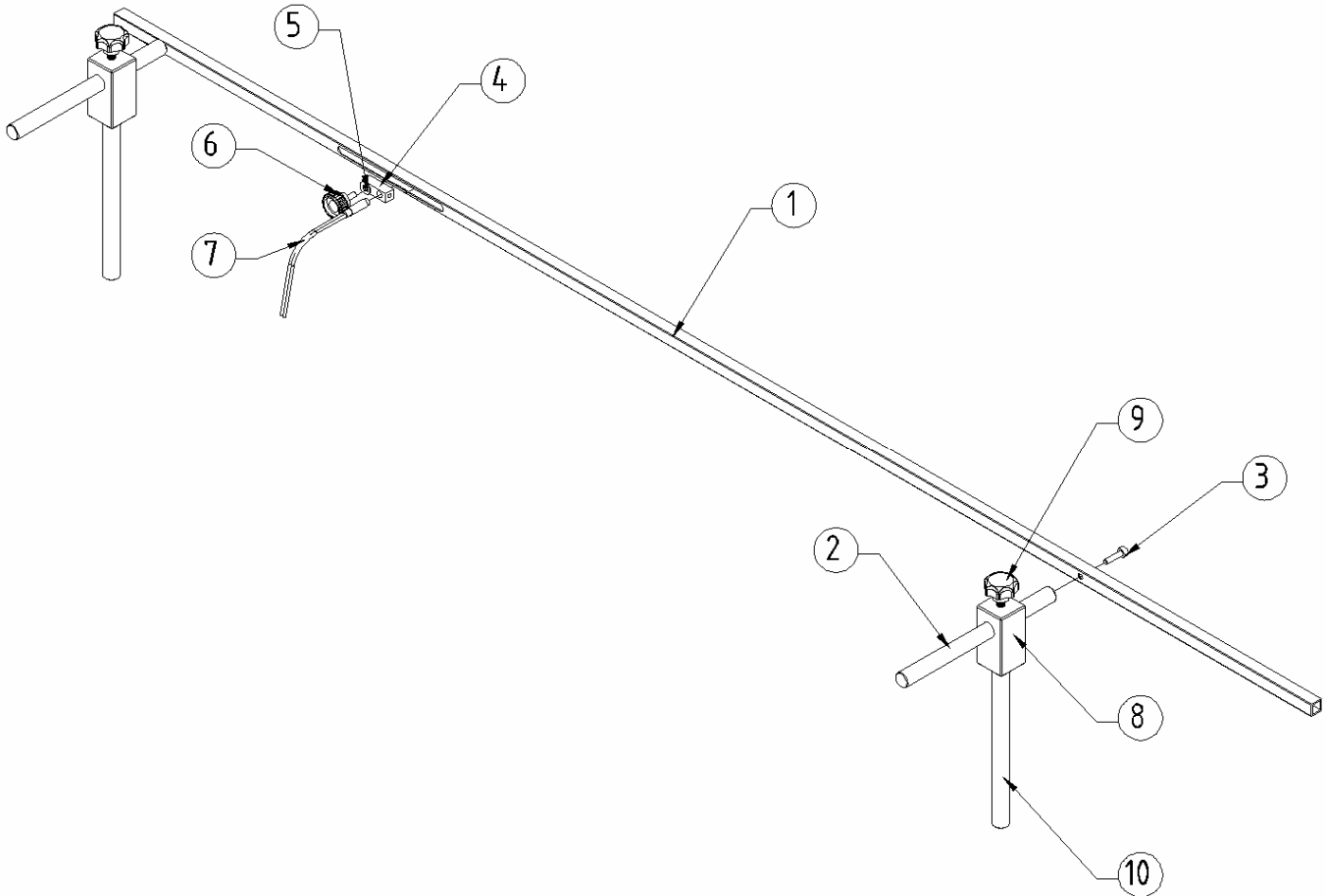
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	rollers	CV1-PL521-018	158	
2	roller shaft	CV1-PL521-019	158	
3	E-ring E2.5	DCEV-E2.5	316	
4	conveyor chains 40SS SA-1/2L	T2XW-316L/2L	2	

Conveyor Motor Assembly



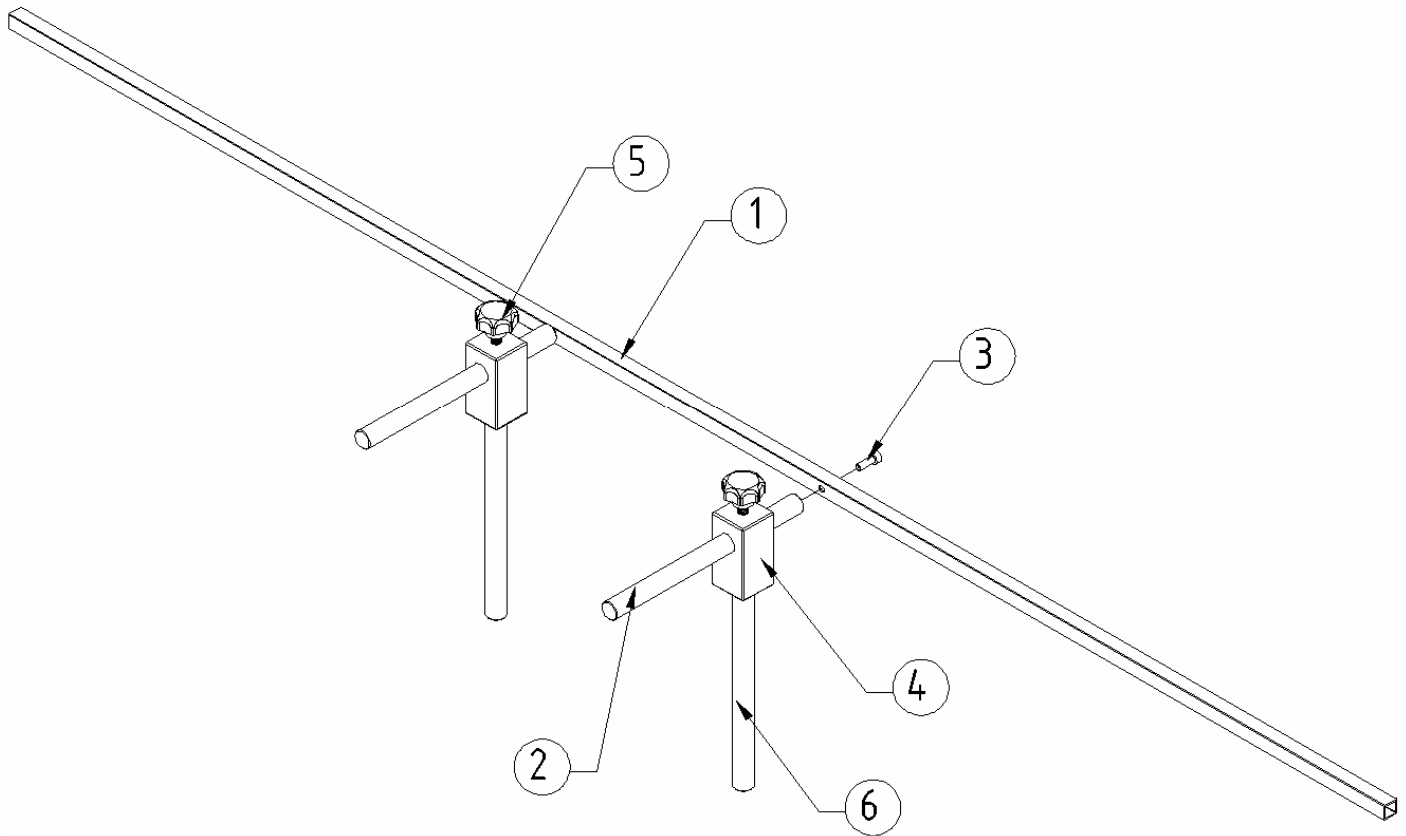
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Motor M9MZ90GK4YGA	A2EU-M9MZ90GK4YG	1	
2	gear box MZ9G50B	A2RG-MZ9G50B	1	
3	Double head round keys	RGM-5525	1	
4	Motor fixed pillar	CV1-PL521-022	2	
5	conveyor motor seat	CV1-PL521-017	1	
6	Pulley 14L	T2Q2X-14L050155	1	
7	timing belt 210LU-050	T2Q2-210LU050	1	
8	conveyor gear cover	CV1-PL521-016	1	
9	Socket Set Screw	XN5Z-M55	1	
10	Socket Head Cap Screw	XNJW-M555	2	
11	Philips Head Screws	XNMW-M410	4	
12	Spring washer	2FW0-M6	4	
13	Socket Head Cap Screw	XNJW-M6130	4	

Guide Rail A01



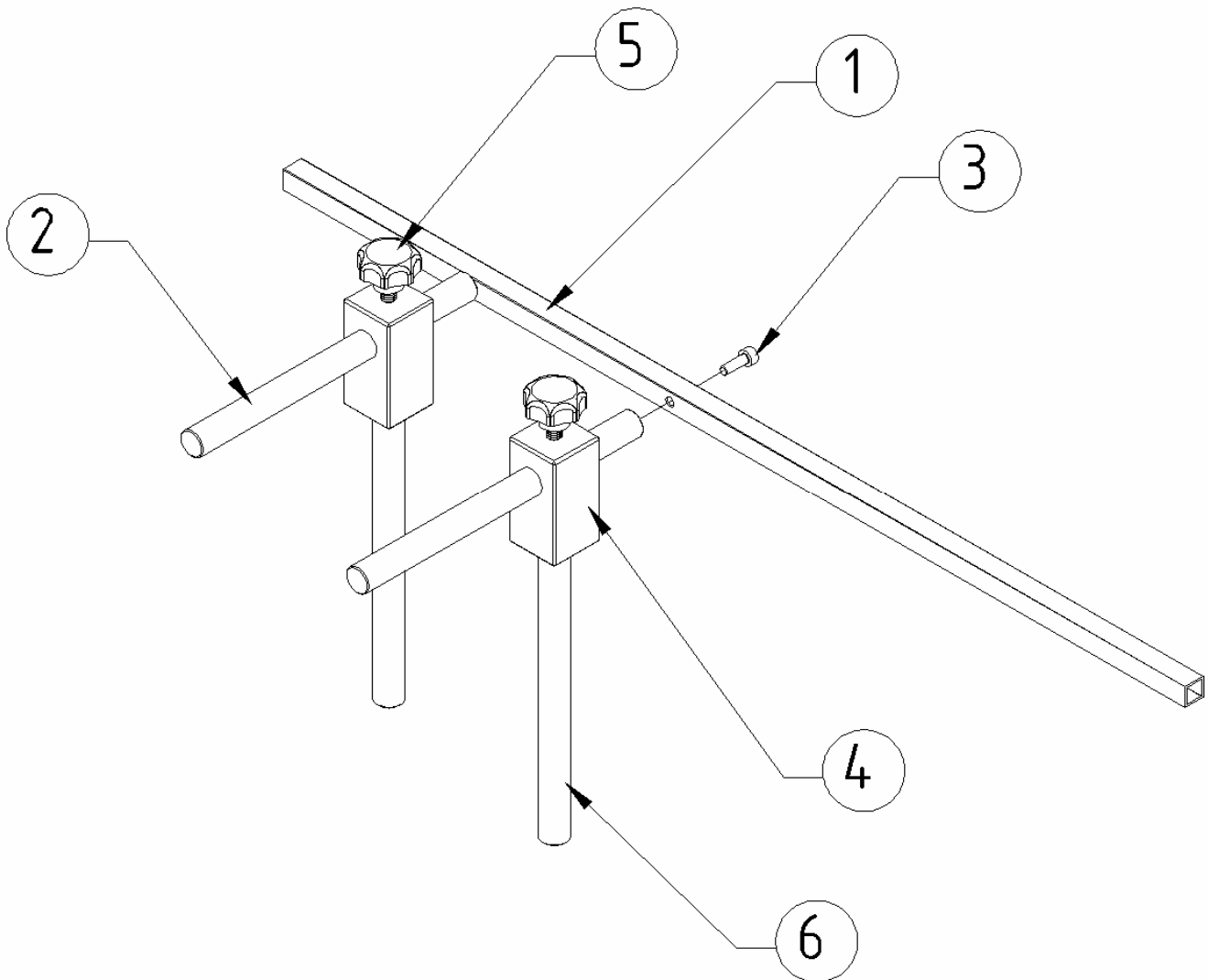
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	guide rail B	GR1-PL521-003	1	
2	Adjustment pillar of guide rail	51CX-FBM4-150	2	
3	Socket Head Cap Screws	XNJW-M416	2	
4	object sensor block	CV1-PL521-013	1	
5	Washer	XNQC-M4	1	
6	Knob	51WR-802020M410	1	
7	fiber optic sensor	2YE2-FS260	1	
8	collection plate support pillar	GR1-PL501-002	2	
9	Knob	51WR-606025M615	2	
10	Up & down adjustment pillar	51CX-K-UB-160	2	

Guide Rail A02



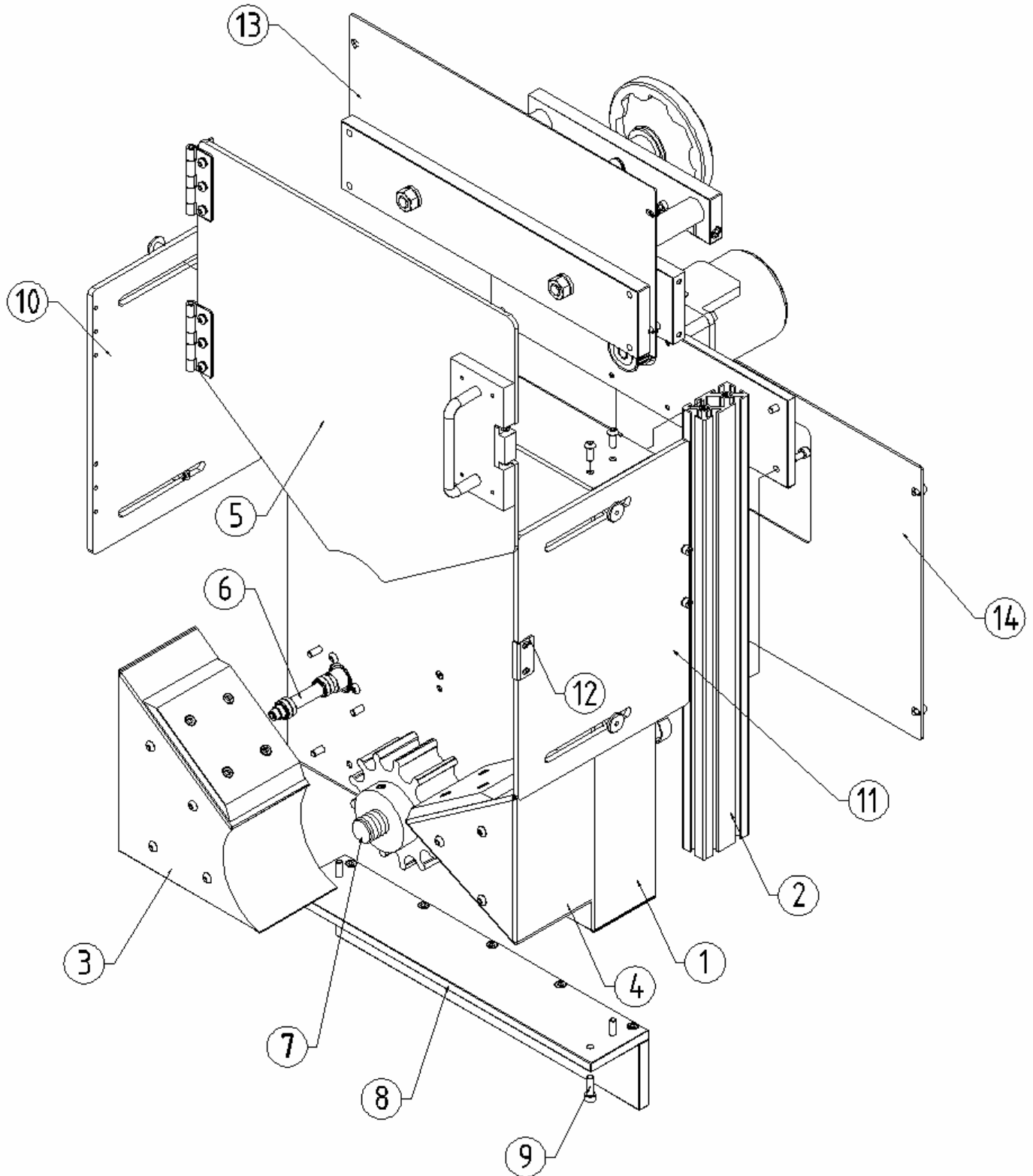
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Guide rail A	GR1-PL521-002	1	
2	Hexagon head set screw	51CX-FBM4-150	2	
3	Guide rail fixed base	XNJW-M416	2	
4	Adjustment bar of guide rail	GR1-PL501-002	2	
5	Knob	51WR-606025M615	2	
6	Up & down adjustment pillar	51CX-K-UB-160	2	

Guide Rail A03



NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Guide rail C	GR1-PL501-004	1	
2	Adjustment pillar of guide rail	51CX-FBM4-150	2	
3	Socket Head Cap Screws	XNJW-M416	2	
4	Adjustment bar of guide rail	GR1-PL501-002	2	
5	Knob	51WR-606025M615	2	
6	Up & down adjustment pillar	51CX-K-UB-160	2	

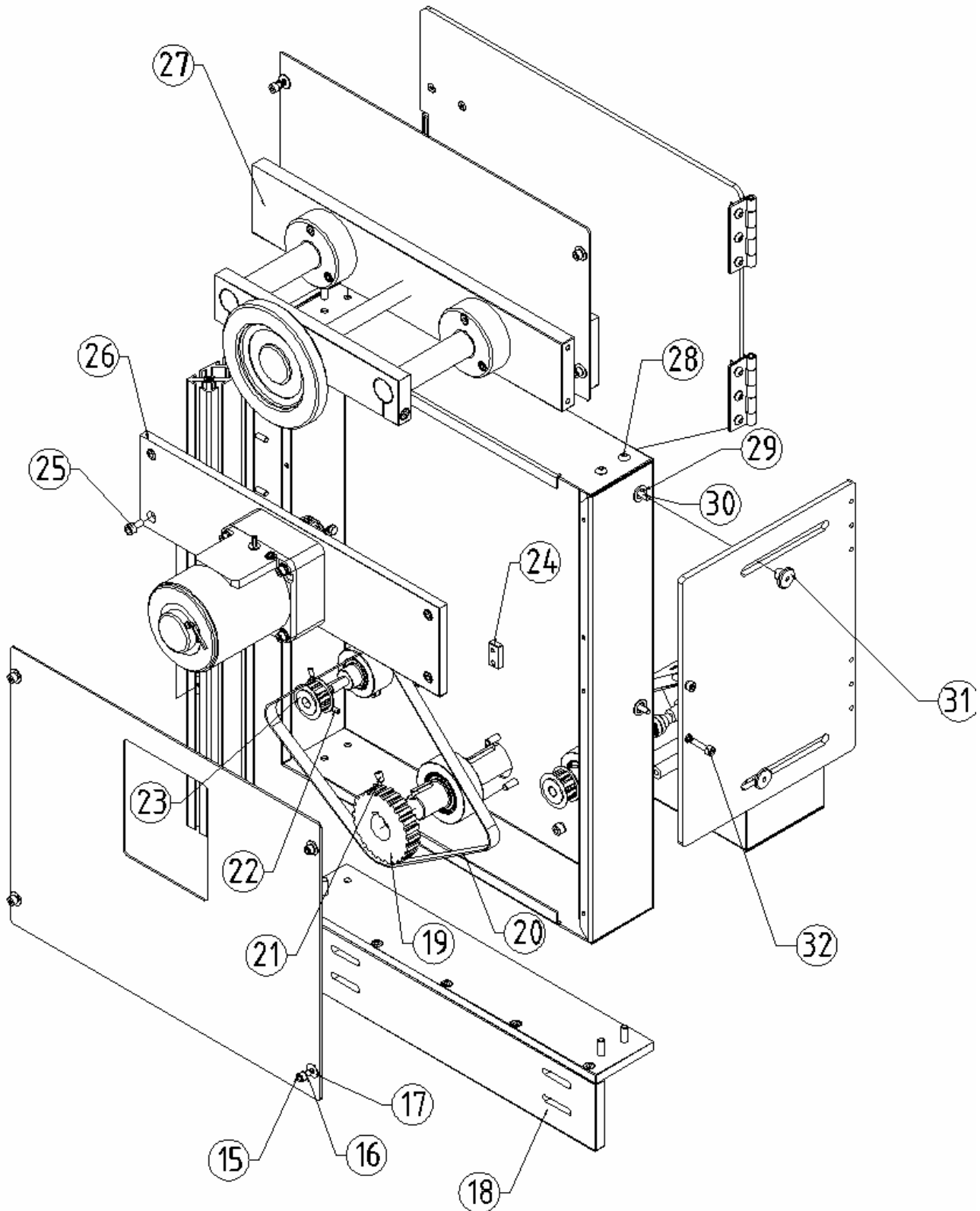
Feeder Assembly -1



Feeder Assembly -1 Part List

NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Base plate	FH1-PL521-006B	1	
2	Support column	FH1-PL521-004	2	
3	Right side guide plate		1	
4	Left side guide plate		1	
5	Door set		1	
6	Swing roller assembly		2	
7	Star wheel assembly		1	
8	Connecting plate	FH1-PL521-017B	1	
9	Socket Head Cap Screws	XNJW-M620	9	
10	Side plate	FH1-PL521-034B	1	
11	Side plate	FH1-PL521-013D	1	
12	Magnet base	FH1-PL521-020	1	
13	Top back cover	FH1-PL521-030	1	
14	Bottom back cover	FH1-PL521-031	1	

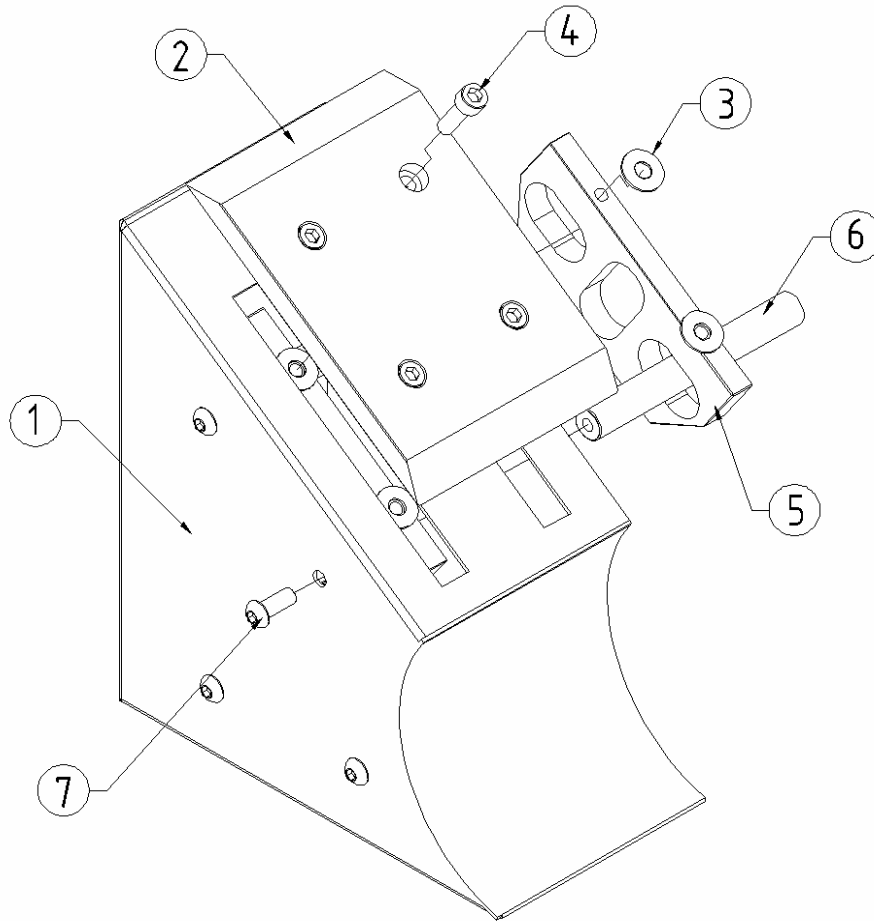
Feeder Assembly -2



Feeder Assembly -2 Part List

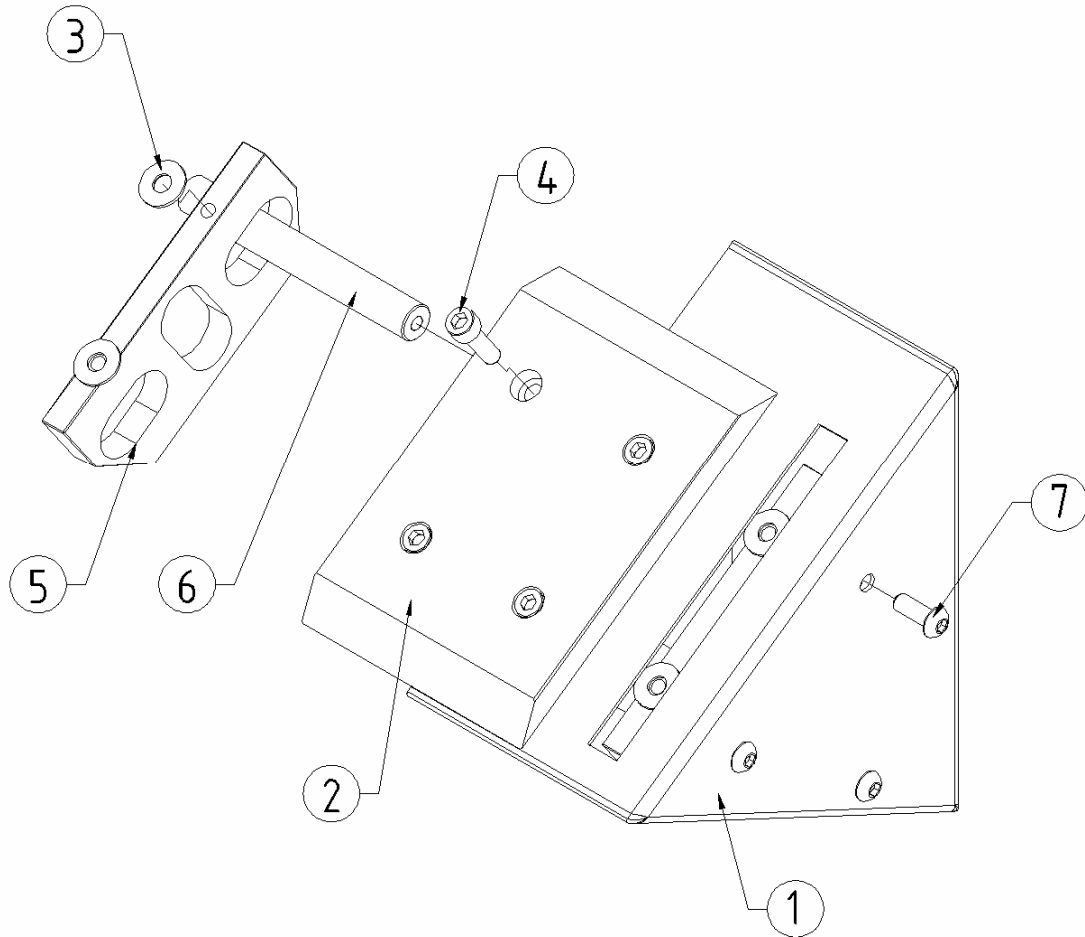
NO	DESCRIPTION	PART NO.	QTY.	NOTE
15	Socket Head Cap Screws	XN JW-M58	8	
16	Spring washer	2FW0-M5	12	
17	Washer	XNQC-M5	8	
18	Connecting plate	FH1-PL521-016	1	
19	Pulley 24L	T2Q2X-24L050258	1	
20	Belt 300LU-050	T2Q2-300LU050	1	
21	Socket Set Screw	XN5Z-M610	1	
22	Socket Set Screw	XN5Z-M48	4	
23	Pulley 10L	T2Q2X-10L05010	2	
24	Sensor base	FH1-PL521-035	1	
25	Socket Head Cap Screws	XN JW-M612	4	
26	Feeder motor assembly		1	
27	Feeder adjustment assembly		1	
28	Hexagon socket button head screw	XN1M-M616	4	
29	nylon washer	FH1-PL521-033	4	
30	Hex Nuts	XN KW-M515	4	
31	Guide shaft	FH1-PL521-032	4	
32	Socket Head Cap Screws	XN JW-M520	4	

Right Side Guide Plate



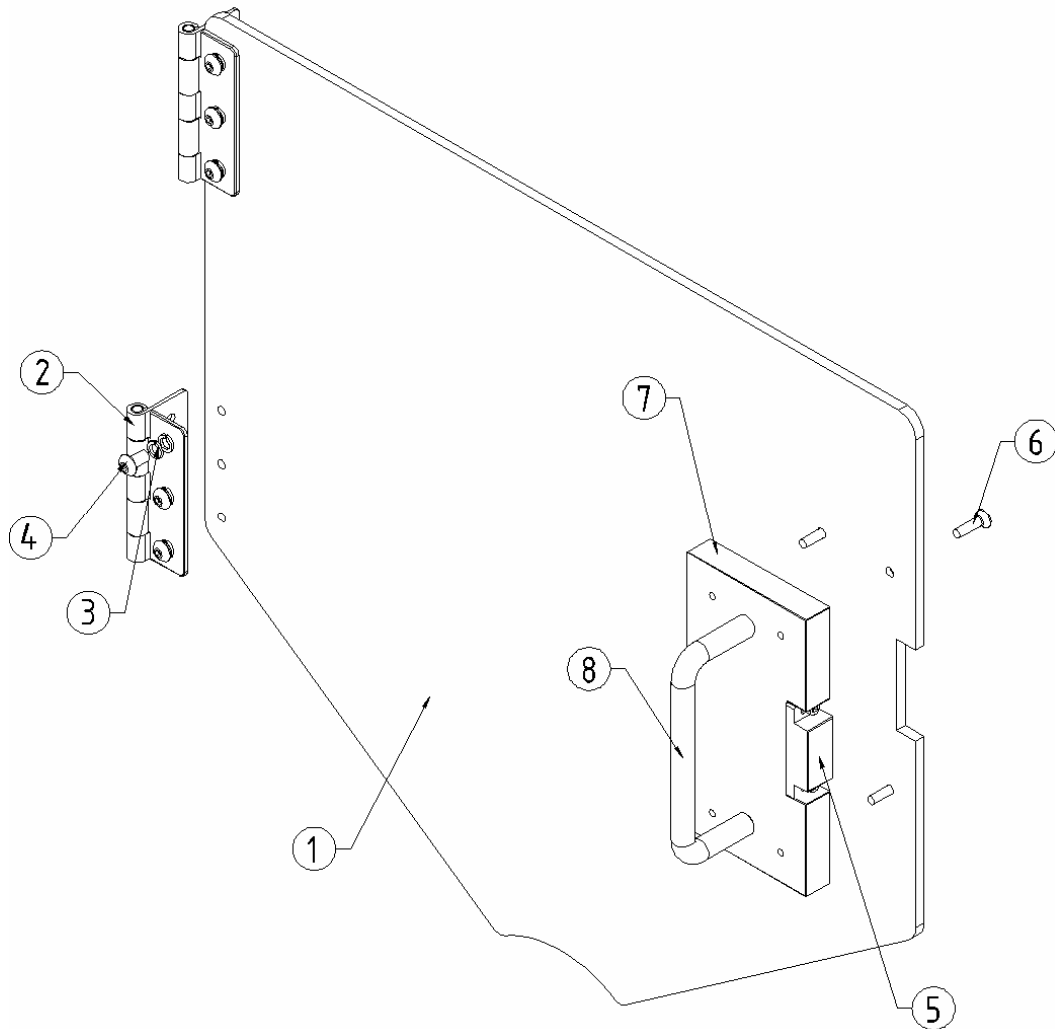
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Right guide plate	FH1-PL521-012	1	
2	Top plate	FH1-PL521-010	1	
3	Washer	XNQC-M6	4	
4	Socket Head Cap Screws	XNJW-M620	4	
5	Oscillating base	FH1-PL521-011	2	
6	Spacing shaft	FH1-PL521-007	4	
7	Hexagon socket button head screw	XN1W-M616	4	

Left Side Guide Plate



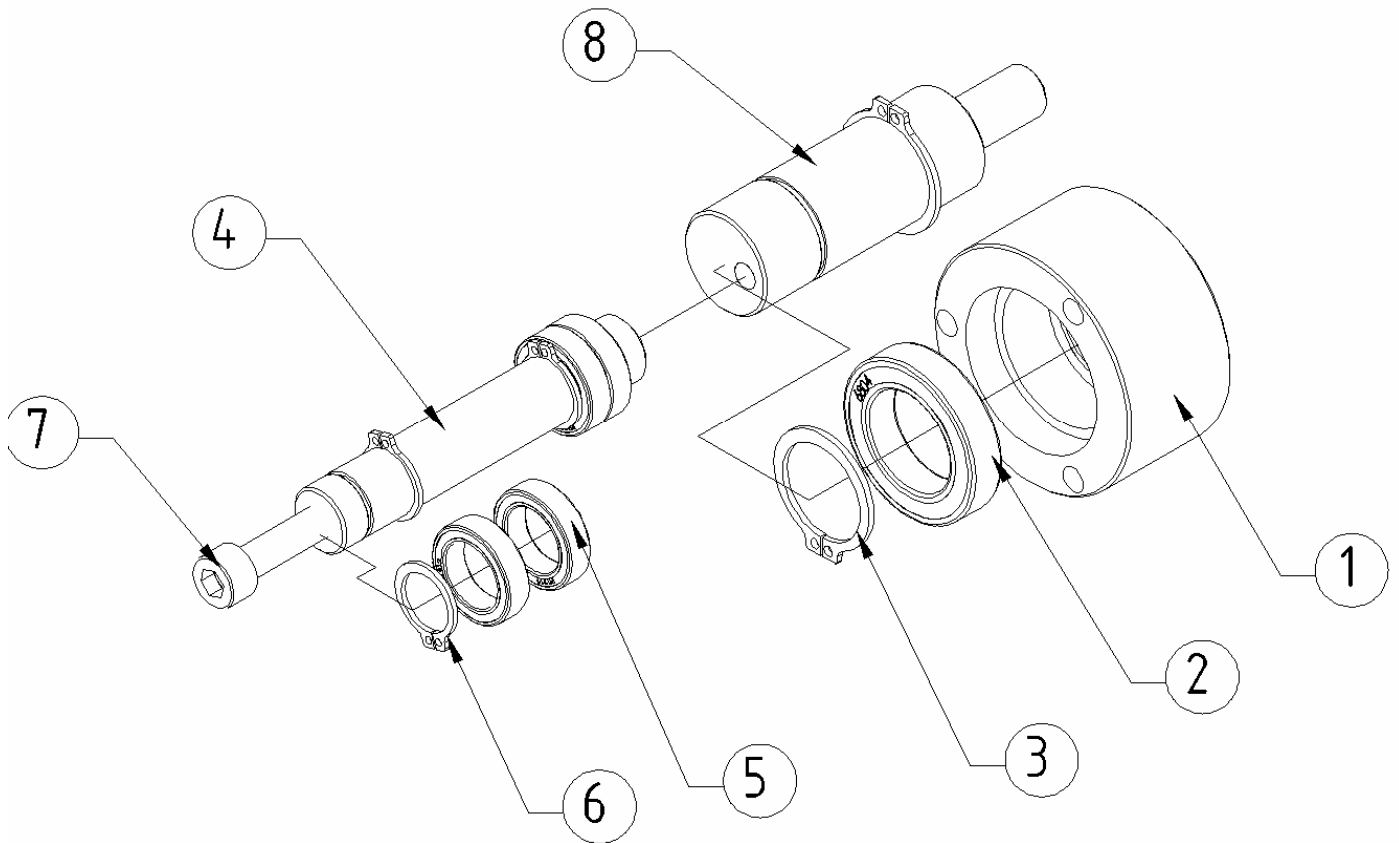
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Left guide plate	FH1-PL521-023B	1	
2	Top plate	FH1-PL521-010	1	
3	Washer	XNQC-M6	4	
4	Socket Head Cap Screws	XNJW-M620	4	
5	Oscillating base	FH1-PL521-011	2	
6	Spacing shaft	FH1-PL521-007	4	
7	Hexagon socket button head screw	XN1W-M616	4	

Door Set



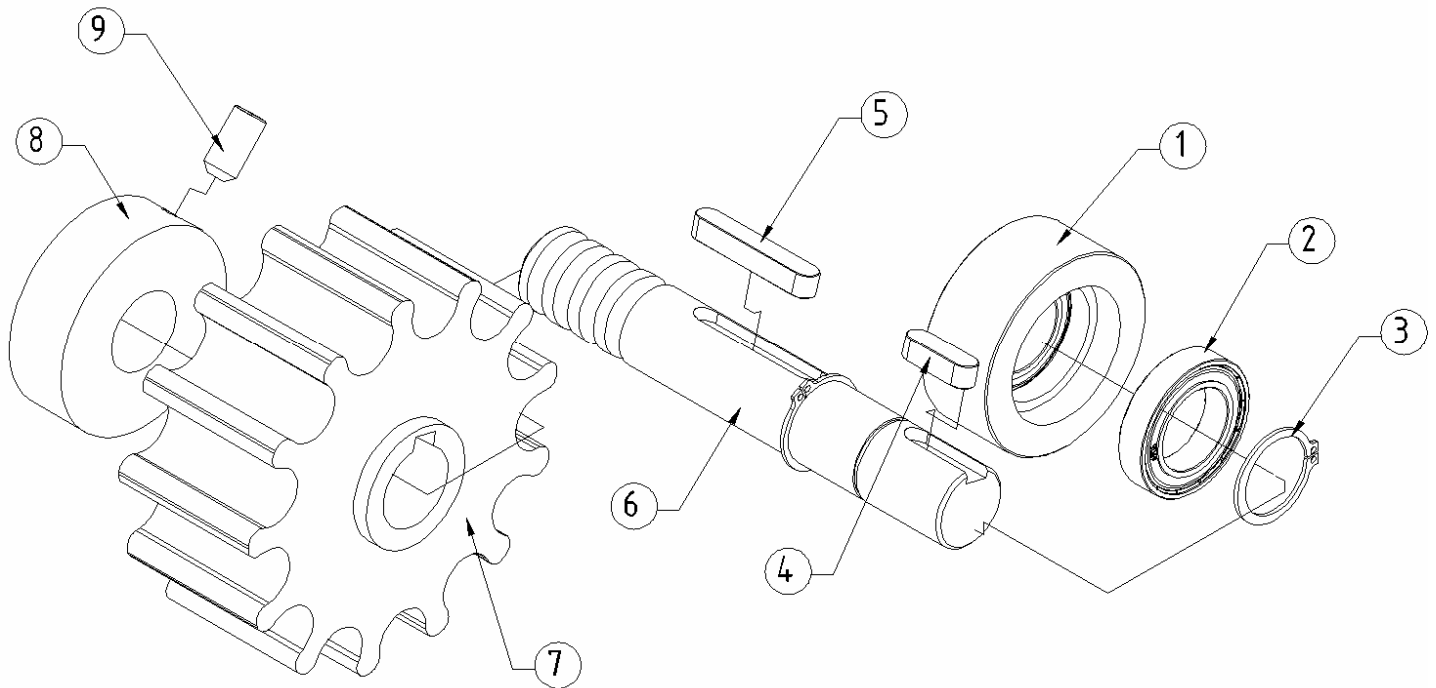
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Transparent door panel	FH1-PL521-019D	1	
2	Hinge	51RX-AS1940	2	
3	Spring washer M5		12	
4	Hexagon socket button head screw	XN1M-M510	6	
5	Magnet base	51G1-002	1	
6	Pan head screws Hexagon	XNAW-M4-16	4	
7	Handle base	FH1-PL521-021C	1	
8	Handle	51WR-127010100CR	1	

Swing Roller Assembly



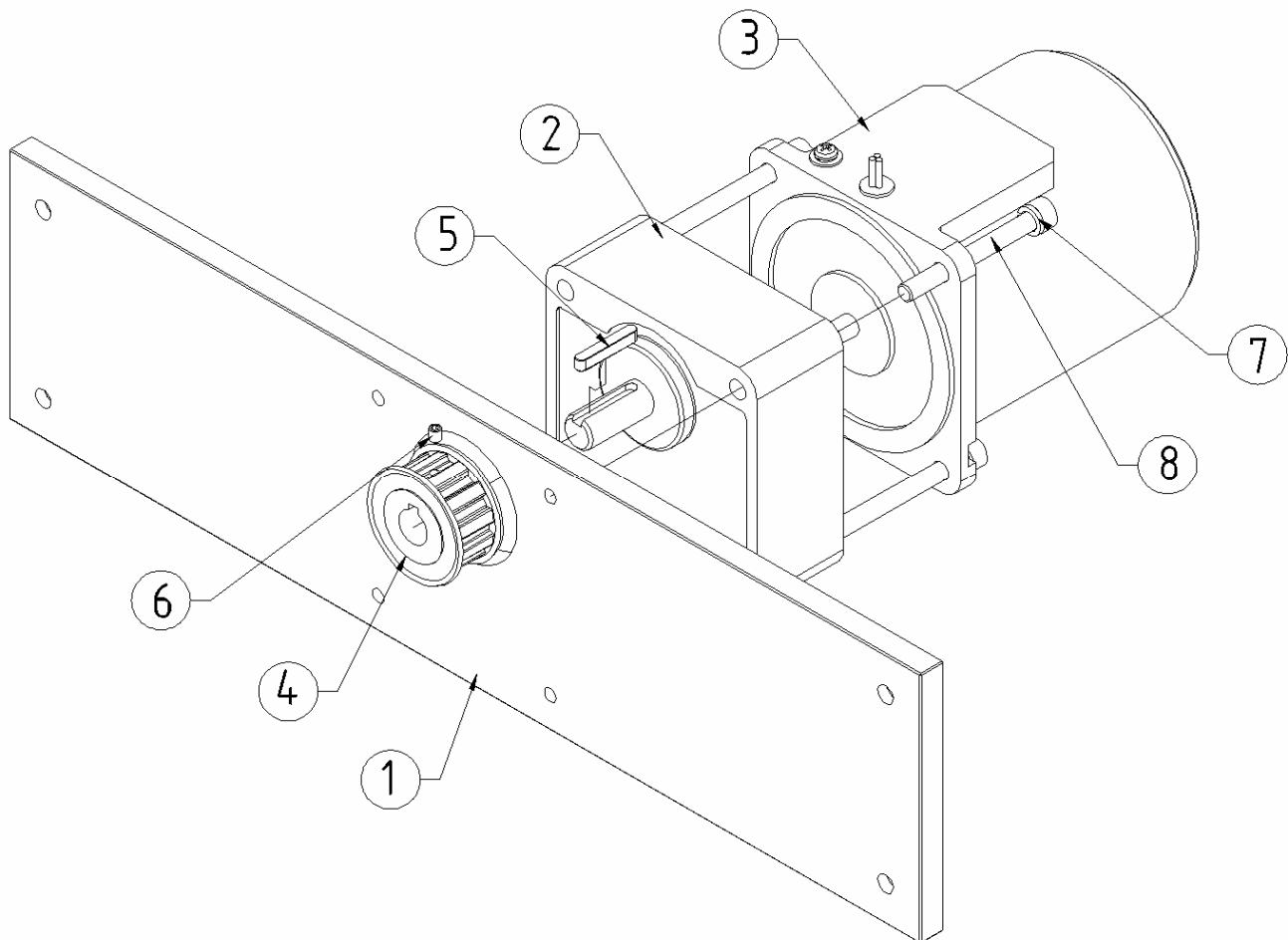
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	swing house bearing	FH1-PL521-003	1	
2	Bearing 6804zz	5TGH-6804ZZ	2	
3	S-ring S20	DCSV-S20	2	
4	swing roller shaft	FH1-PL521-009	1	
5	Bearing	5T5W-RI1212	4	
6	S-ring S12	DCSV-S12	4	
7	Socket Head Cap Screws	XNJW-M690	1	
8	swing shaft	FH1-PL521-008	1	

Star Wheel Assembly



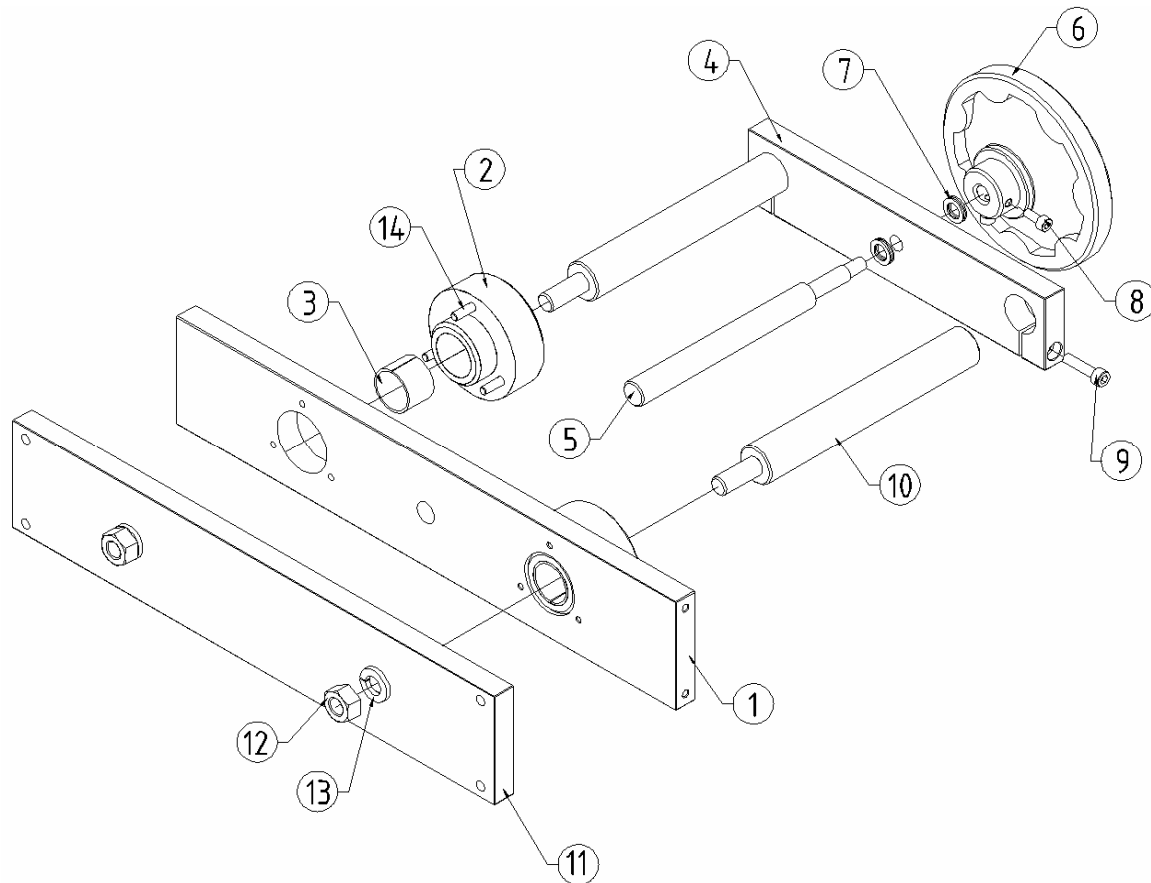
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Star wheel house bearing	FH1-PL521-005	1	
2	Bearing 6905zz	5TGH-6905zz	2	
3	S-ring S25	DCSV-S25	2	
4	Double head round keys	RGM-8725	1	
5	Double head round keys	RGM-8745	1	
6	Star wheel shaft	FH1-PL521-014	1	
7	Star wheel	Part # various depend on product size	1	
8	Star wheel location block	FH1-PL521-015	1	
9	Socket Set Screw	XN5Z-M1020	1	

Feeder Motor Assembly



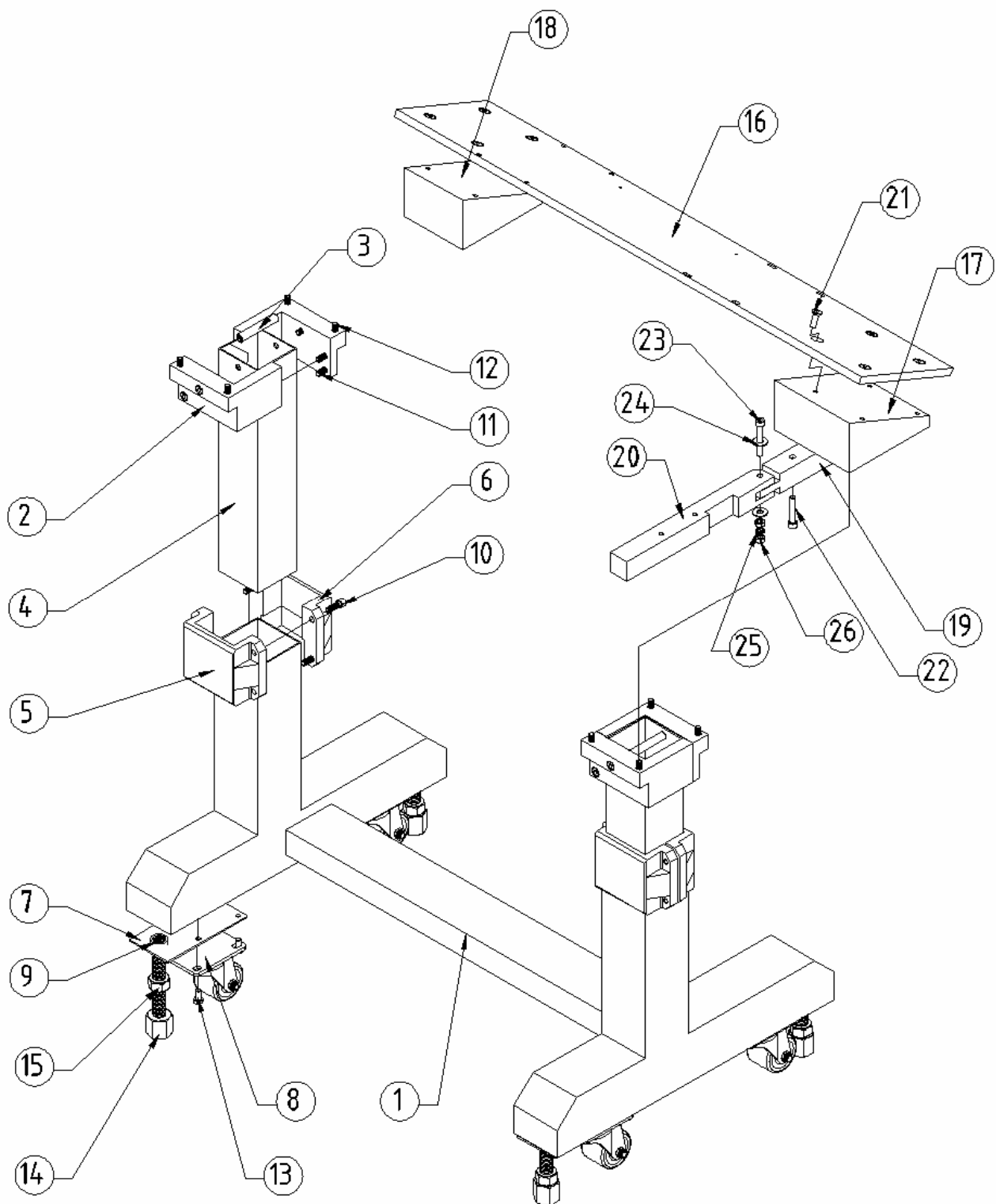
NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Motor fixing base	FH1-PL521-002	1	
2	Gear box MX9G25B	A2RG-MX9G25B	1	
3	Motor M9IX40GV4GG	A2EU-M9IX40GV4GG	1	
4	Pulley 12L	T2Q2X-12L050124	1	
5	Double head round keys	RGM-4425	1	
6	Socket Set Screw	XN5Z-M45	1	
7	Spring washer	2FW0-M6	4	
8	Socket Head Cap Screws	XNJW-M655	4	

Feeder Adjustment Assembly



NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	Adjusting base	FH1-PL521-026C	1	
2	Adjusting base sleeve	FH1-PL521-027	2	
3	Bearing	5TDU-LBF2520	4	
4	Adjusting shaft fixed plate	FH1-PL521-029	1	
5	Adjusting screw	FH1-PL521-028B	1	
6	Hand wheel	QRGX-3043125B10	1	
7	nylon washer	2FN2-101610	6	
8	Socket Head Cap Screws	XNJW-M512	2	
9	Socket Head Cap Screws	XNJW-M625	2	
10	Adjusting shaft	FH1-PL521-025	2	
11	Adjustment plate	FH1-PL521-024B	1	
12	Hex Nuts	XAXR-M12	2	
13	Spring washer	2FW0-M12	2	
14	Socket Head Cap Screws	XNJW-M535	6	

Foot Stand



Foot Stand Parts List

NO	DESCRIPTION	PART NO.	QTY.	NOTE
1	foot stand	FT1-PL501-007	1	
2	conveyor base fixed set	FT1-PL501-002C	4	
3	spacing bar	FT1-PL501-003	2	
4	foot stand adjustment pillar	FT1-PL501-004	2	
5	tube coupler	FT1-PL501-005	2	
6	tube coupler	FT1-PL501-006	2	
7	Caster fixed plate	FT1-PL501-014	4	
8	caster	51RX-2R25	4	
9	Screw nut	FT1-PL501-013B	4	
10	Socket Head Cap Screws	XNJW-M825	8	
11	Socket Head Cap Screws	XNJW-M820	8	
12	Socket Head Cap Screws	XNJW-M830	12	
13	Screw nut	XNKW-M816	16	
14	fixed bolt for foot stand	FT1-PL501-009	4	
15	nut for foot stand	FT1-PL501-008	4	
16	Base plate	FT1-PL521-001B	1	
17	slanted fixture B	FT1-PL521-005	1	
18	slanted fixture A	FT1-PL521-002	1	
19	active pillar for control box	FT1-PL521-004	1	
20	fixed pillar for control box	FT1-PL521-003	1	
21	Pan head screws Hexagon	XNAW-M825	8	
22	Socket Head Cap Screw	XNJW-M845	2	
23	Socket Head Cap Screw	XNJW-M855	2	
24	Washer	XNQC-M8	2	
25	Spring washer	2FW0-M8	1	
26	Screw Nut	XAXR-M8	2	



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