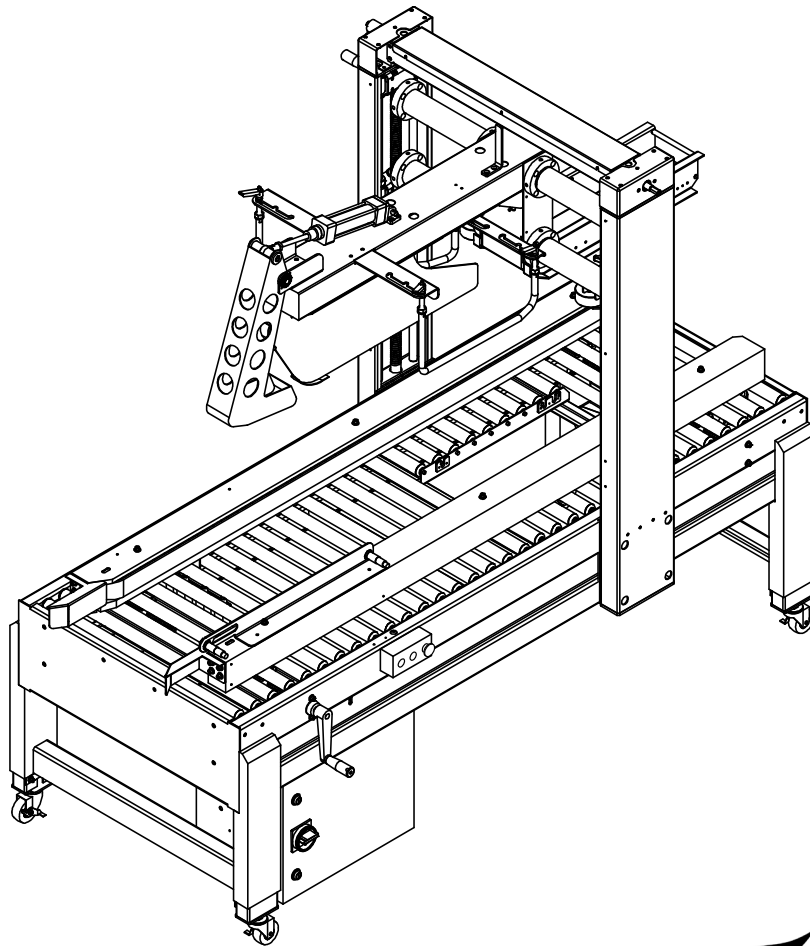


SB-2/3EX-Auto

**Automatic
Case Taping System**

User Guide



EASTEY[®]

SB-2/3EX-Auto

Automatic Case Taping System

User Guide

Revised 04/07/2022

P/N 5001682 Rev D1

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Eastey
7041 Boone Ave. N.
Brooklyn Park, MN 55428

Phone: (763) 428-4846; Fax (763) 795-8867; 1-800-853-9344

www.eastey.com

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Safety

Safety Precautions

Before installing, operating, or servicing this equipment, please read the following precautions carefully:

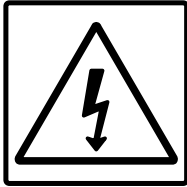
- This machine is equipped with moving belts. Do not place hands near the belts when they are moving as fingers may be pinched where belts enter the frame. We suggest the use of a roller-type exit conveyor or pack table for your cases. Always remove boxes after they clear the exit end of the machine.
- Observe caution when near the tape heads or when threading tape. The tape cutting knives are very sharp, automatically operated, and linked to tape wipe down rollers.
- Always disconnect electrical power before attempting maintenance for any electrical or moving parts. Do not attempt to open or work on the electrical box, junction boxes, or other electrical components of the unit without first disconnecting power to the machine. Electrical shock hazard exists if power is not disconnected.
- Use only the specified power-supply cable. Do not use the power cable to pull or position the machine, as this will damage or break the cable.
- Do not by-pass any factory-designed safety features such as guards, interlocks, switches, etc. Do not operate the machine if such modifications have been made.
- Do not attempt to operate the machine with loads that exceed the limits of use and operation in regards to weight and sizes, or with unstable loads that present a hazard of tipping or falling.
- This equipment is designed for indoor operation in a typical clean, dry factory environment. Do not operate the machine in any extremely wet or oily environment that may exceed operating specifications.
- Do not place hands, head, or any part of the body inside the confines of the machine unless the tape head mechanisms are securely fastened, and the electrical supply is shut off.
- To minimize the potential for personal injury, always be sure that the machine operators and others working on the machinery are properly trained in the correct usage of the equipment and properly instructed regarding safe operation.
- Never provide service or clear a box jam when machine is running. Always stop the machine and shut off power before servicing.
- When feeding a box into the unit, always hold down the box top and present the box to unit. Release hands as soon as the belts begin to take the box.
- Do not wear loose clothing such as ties, scarves, jewelry etc. Long hair should be pulled back and/or covered while operating this machine.

Explanation of Symbols



Caution sign or Safety Alert symbol. Indicates caution, be alert, Your safety is involved. Knowledge of safe operation is required.

Caution indicates a hazardous situation which, if not avoided, could result in minor or moderate injury or damage to equipment or surroundings.



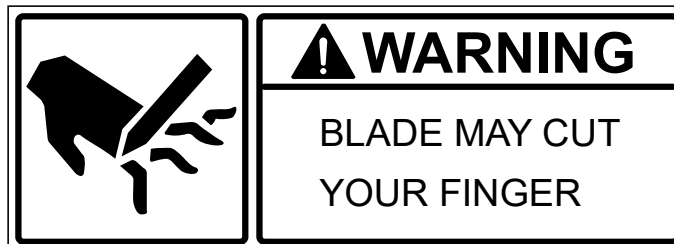
Electrical hazard. Indicates electrical danger. Allow only a trained electrician access to the electrical panel or box.



Warning symbol. Indicates a hazardous situation which, if not avoided could result in death or serious injury.

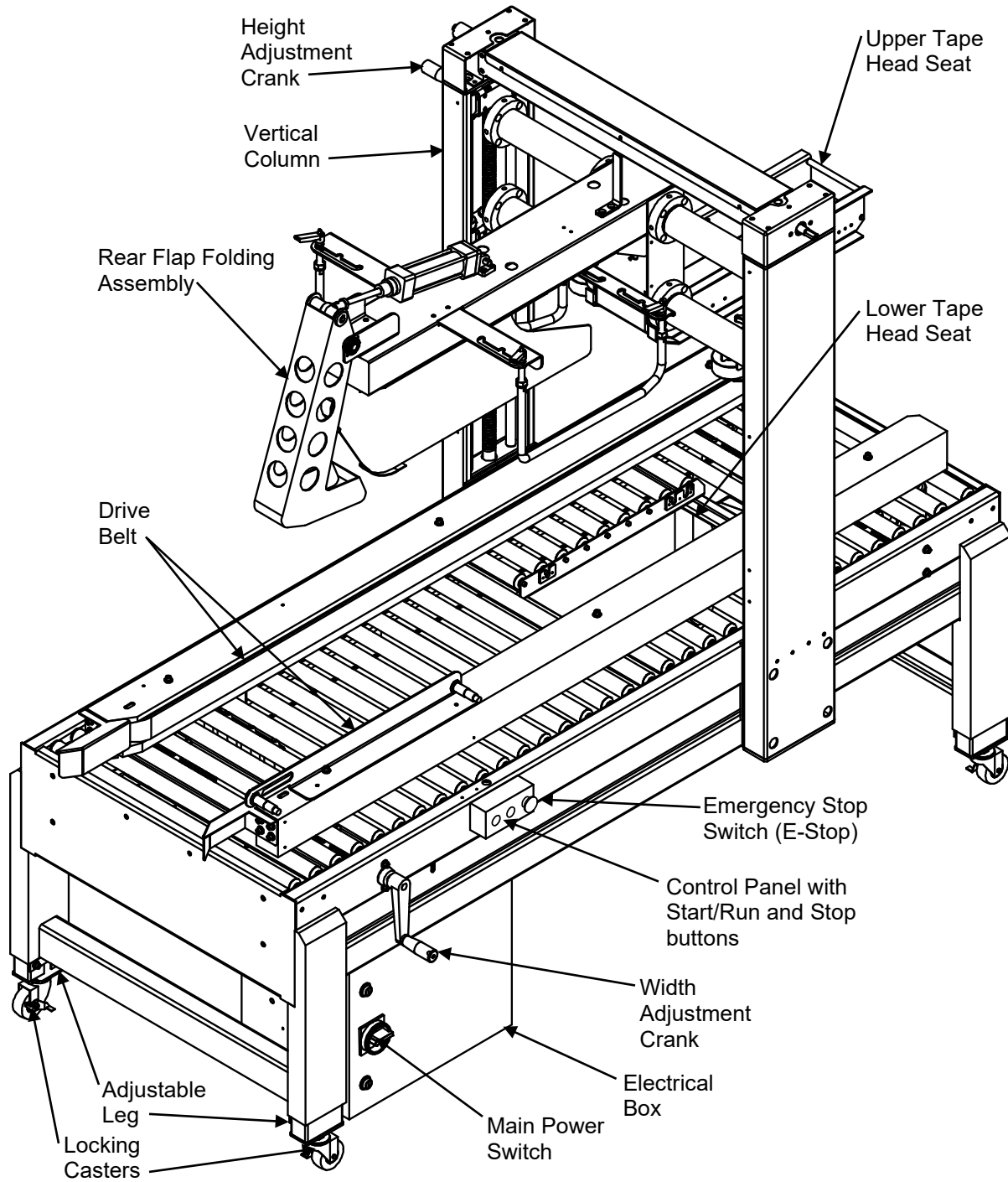
A warning indicates a situation or condition potentially more severe than indicated by a caution message but not imminent as a danger message.

This symbol is associated with warnings for conditions as shown below.



Introduction

SB-2/3EX-Auto Case Taper Overview



Specifications

Model	SB-2/3EX-AUTO
Tape	1.5 inches or 2 inches
Belt speed	75ft/min
Capacity	(L) 4.7 to 24 inches (W) 4.3 to 19.5 inches (H) 4.7 to 19 inches~500mm
Consumption	450W
Machine size	(L) 77 inches (W) 35.5 inches (H) 67 inches
Machine net weight	660 lbs.
Air	80 psi

Electrical

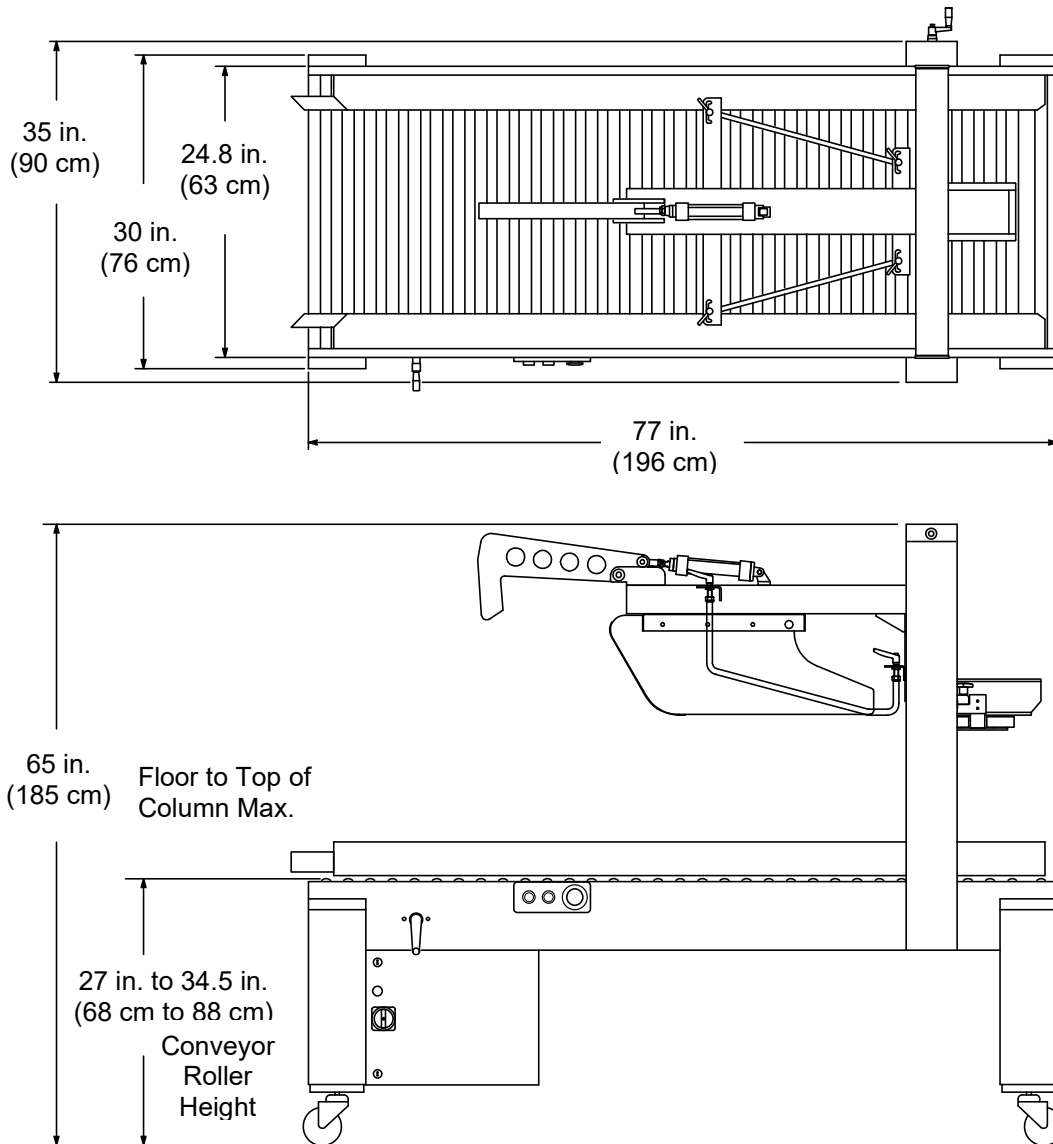
Belt motor	0.18KVA
Machine power use	0.4KVA
Power socket need	0.5KVA

Options

- 3" tape head
- Guard panels with door and transparent windows
- Infeed roller table
- Exit roller table
- Tape low/out sensing with alarm signal light stack

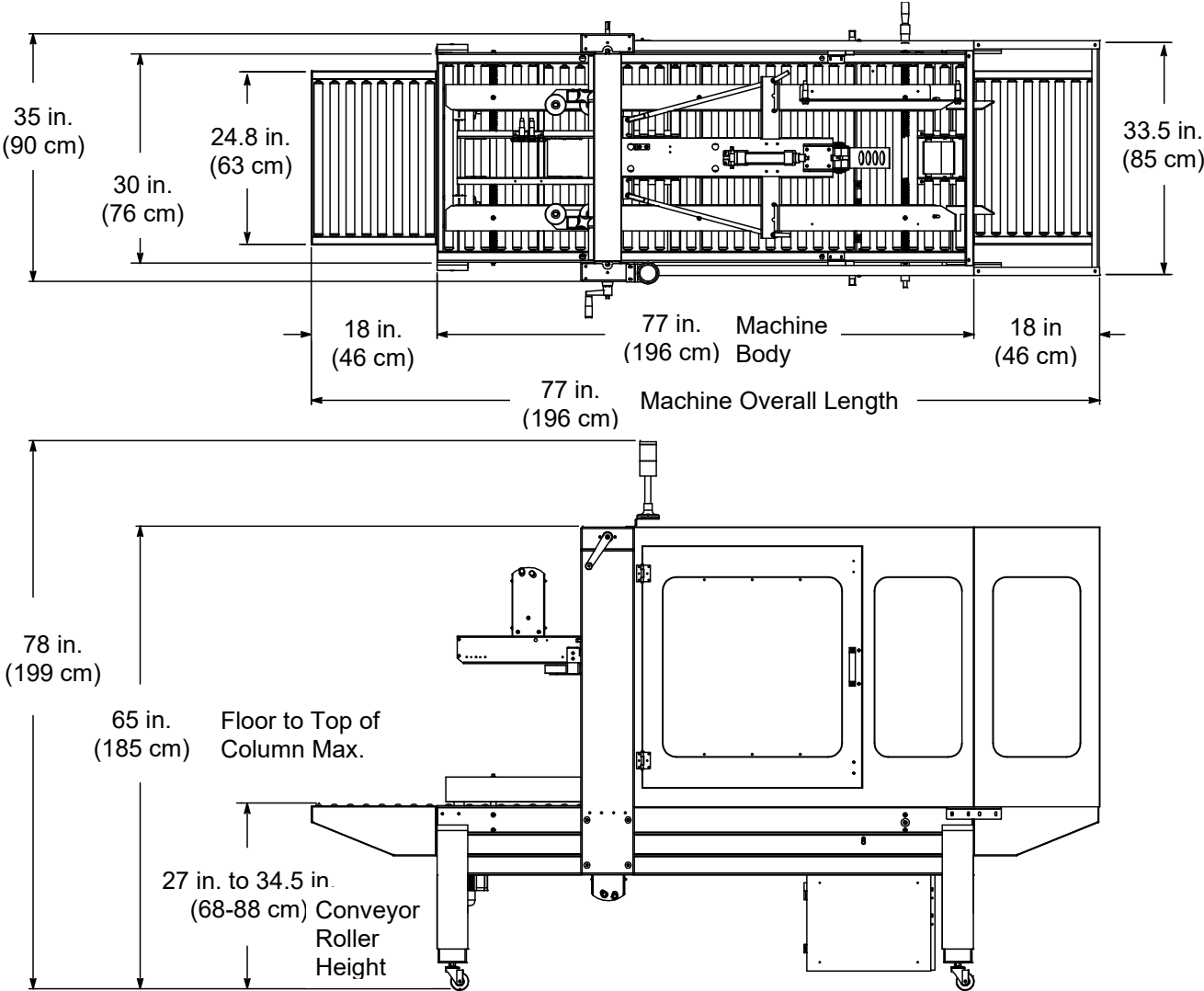
Dimensions

Dimensions shown in inches (and centimeters).



SB-2/3EX-Auto Case Taper is shown above standard, without add-on options.

SB-2/3EX-Auto Case Taper is shown below with optional roller tables at infeed and exit ends, and optional guards with door and windows, and optional alarm light stack.



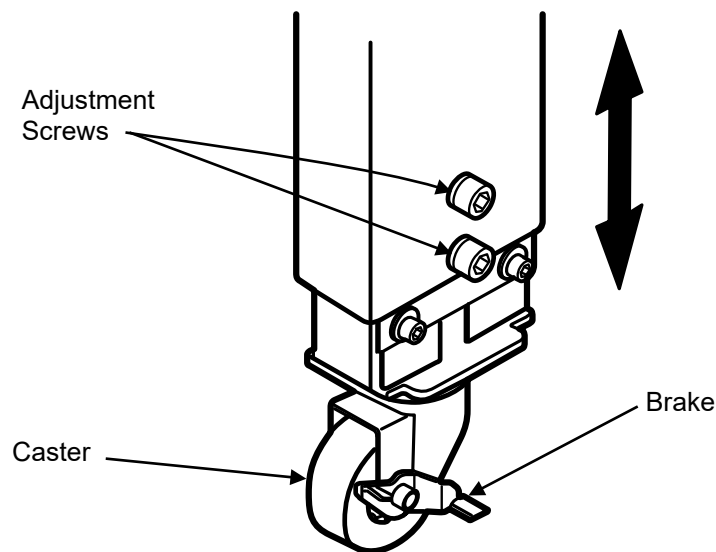
Installation

Carefully remove the outer protective outer shipping materials. Avoid damaging the machine body.

Remove the shipping bolts that secure the case taper to the shipping pallet. Lift the case taper of the pallet.

CAUTION! The SB-2/3EX-Automatic Case Taper is very heavy and will require a forklift, floor crane, or several people to move safely off the shipping pallet. Use proper equipment when lifting the case taper and ensure the case taper is secure and will not shift while being moved or during height adjustment or installation of locking casters.

Four locking casters are provided and optionally may be installed onto the four adjustable support legs. To install casters, thread one caster into the bottom of each leg.



CAUTION! Raise the case taper off the floor to install the casters. Use proper equipment when lifting the case taper. Ensure the case taper is secure and will not shift while installing the casters or adjusting the height.

To adjust the leg height, loosen the screws on each leg and slide the insert up or down as required and then retighten the screws at the required height.

Location Requirements

Move the case taper to the desired location. To lift or move the case taper without casters installed, you will need to use a pallet jack or forklift to lift and move it. If you have installed the casters, release the brake lever on each of the locking casters to move the taper easily over a smooth flat surface. Re-engage caster brake levers when the case taper has been moved to its location.

When installing the case taper please be aware of the following considerations:

1. The mounting surface is flat and level.
2. Conveyor or packing table height.
3. Alignment with packaging line.

When the case taper is positioned in the operating location you will need access to:

1. The Main Power Switch and Control Panel, with Start/Run and Stop buttons and E-Stop.
2. Height and width adjustments.
3. Both upper and lower tape cartridges for tape loading.
4. Air in and supply hose connection.

A packing table may be provided at the infeed end where the packer can fill boxes and position the flaps while feeding the boxes into the machine for closing and sealing. It is also convenient to have a pack table at the exit end of the taper.

It is essential that the table and conveyor be at the machine bed height.

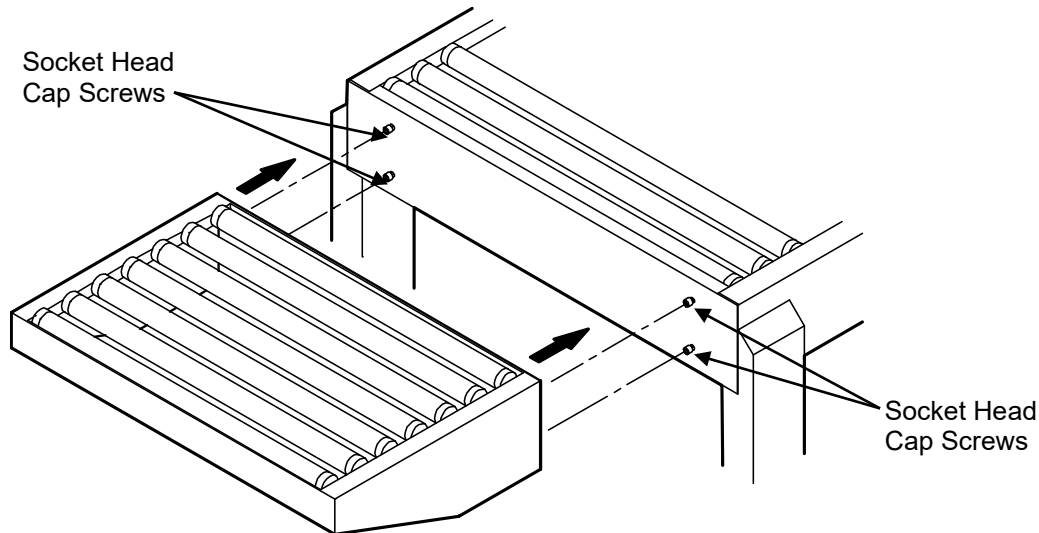
The machine should be placed on a flat, level floor so that it does not rock or move. When placed for operation, securely lock the locking casters. We recommend that the machine be securely locked in place when in operation.

Connect the air supply hose to the filter/regulator assembly on the side of the machine.

Optional Entrance and Exit Roller Tables

The optional infeed and exit roller tables available for the case taper are identical and therefore interchangeable. If they have not been installed from the supplier or have been removed for shipping, install them as follows.

1. Temporarily loosen socket head cap screws at the locations shown in the following illustration.



2. Align the keyhole slots in the table flanges with the loosened cap screw heads and position the end table so rollers are level with the case taper rollers.
3. Re-tighten cap screws loosened in the first step to secure table.

Next Steps

Follow instructions in the Operation section for instructions to load the tape cartridges in the upper and lower tape heads.

If tape heads have not been loaded with tape, load the upper and lower tape heads with tape. (One roll each; follow instructions provided in the Tape Cartridge User Guide.)

Refer to the Adjustments section for instructions to make necessary height and width adjustments that must be made for operation of the box taper.

Refer to the Operation section for instructions to power up, operate, and shut down the machine.

Operation

Loading the Tape Cartridges

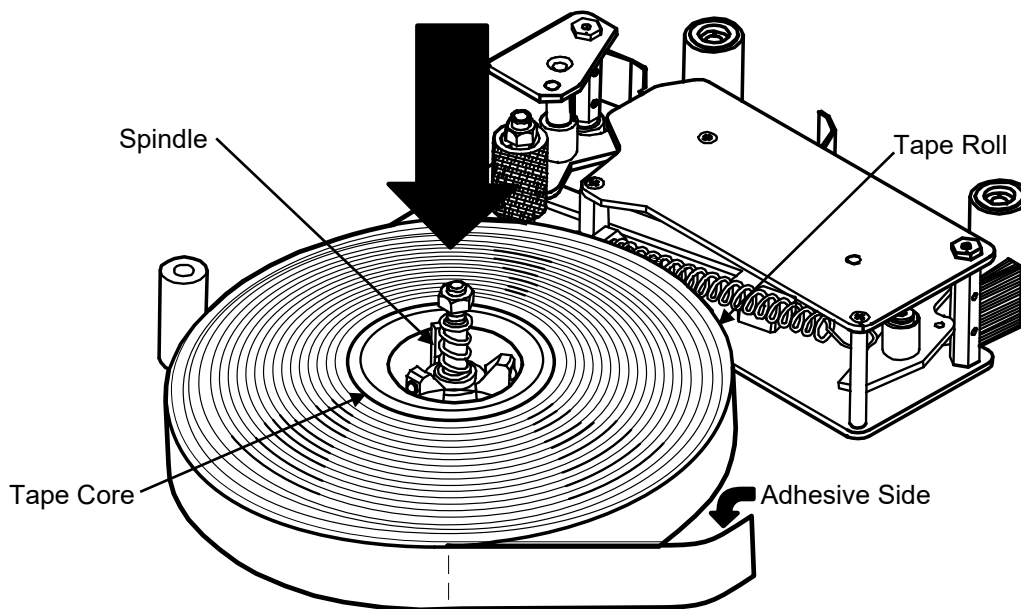
Turn the main power switch to “Off” and disconnect the power.

CAUTION! To avoid personal injury, remove the tape cartridge before loading tape.

When handling the tape cartridge be careful to avoid contact with the tape cutting blade.

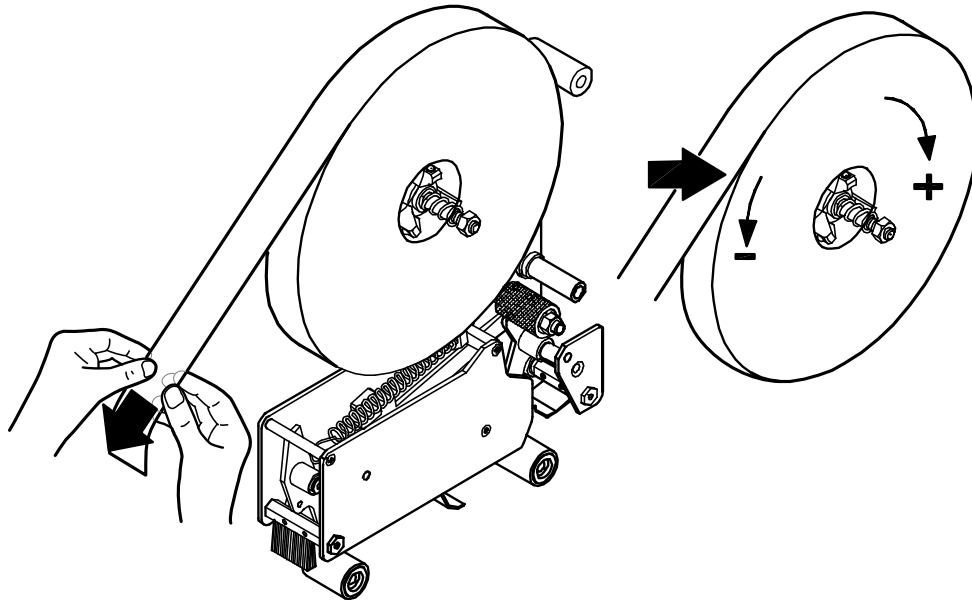
After the taping cartridge has been removed push the tape roll onto the tape core assembly.

NOTE: Make sure the tape roll is pushed all the way on the spindle assembly.



Check Tension

Check the tape for correct tension.



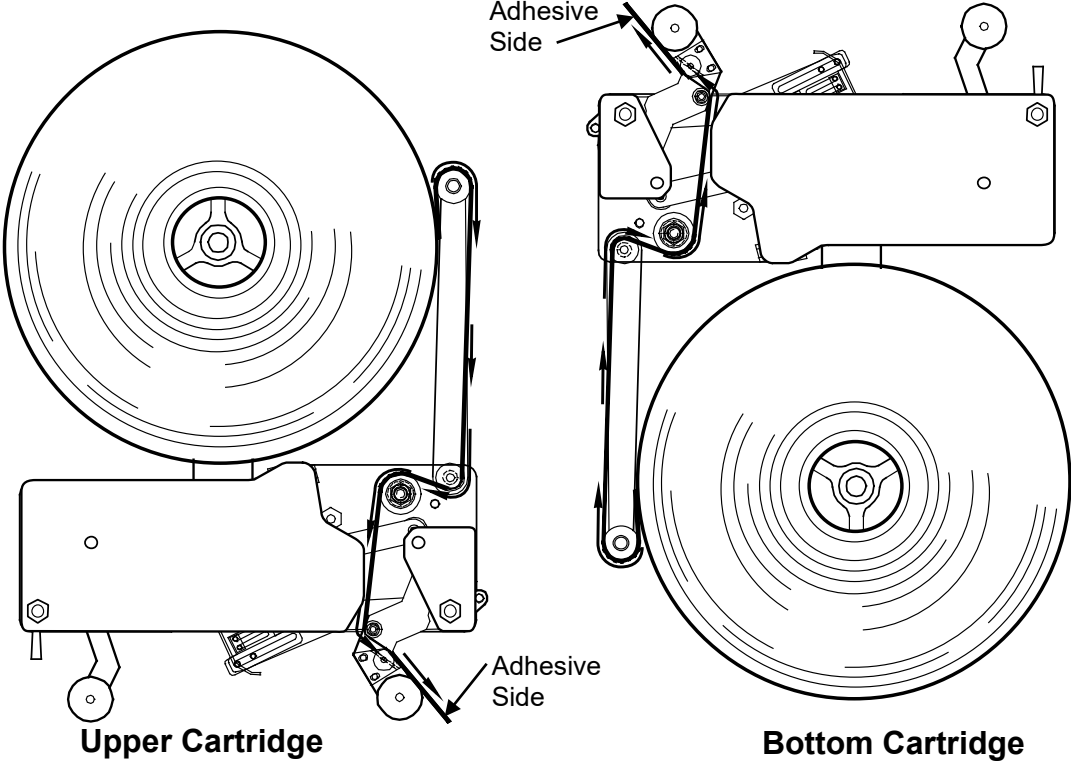
Tighten or loosen the tape core holder to adjust tension.

Thread Tape

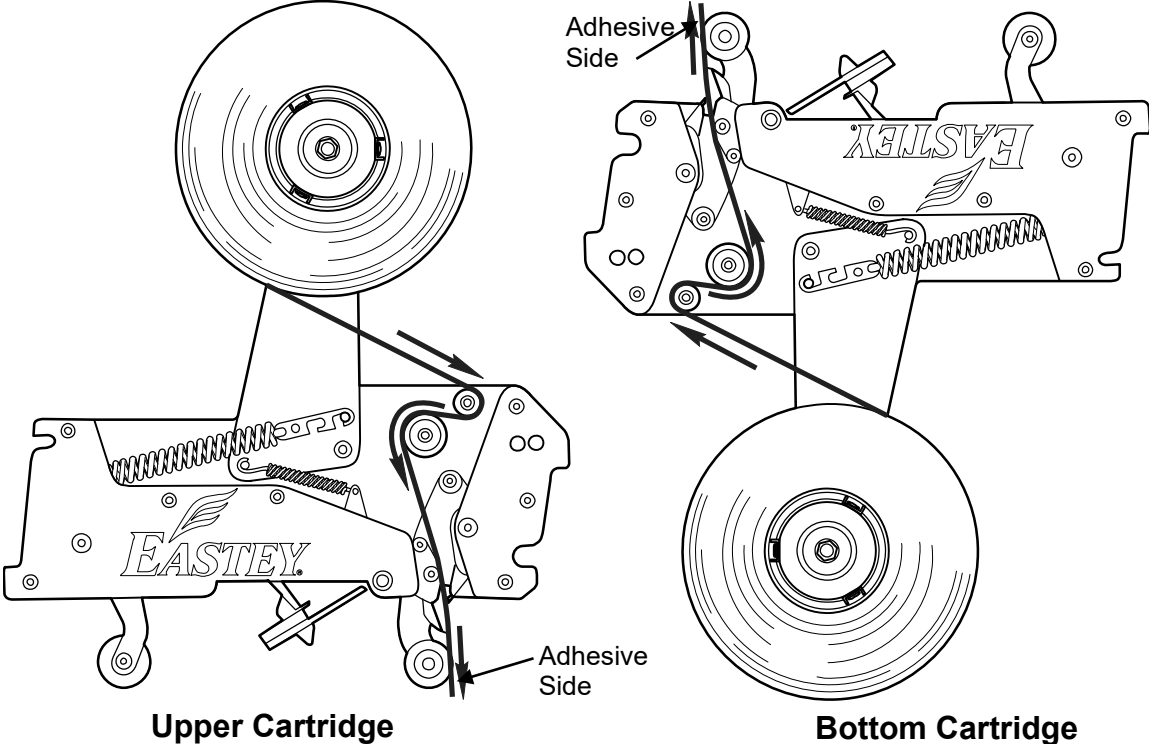
Carefully thread the new tape through the rollers in the tape head as shown in the applicable diagram in the Tape Head User Guide provided with the tape head.

For convenience, diagrams for threading tape in the Eastey-EX Tape Head and EZ-EX Tape Head are provided on the following page. Follow the diagram that applies for your tape head, depending on the tape head model and position on the taper.

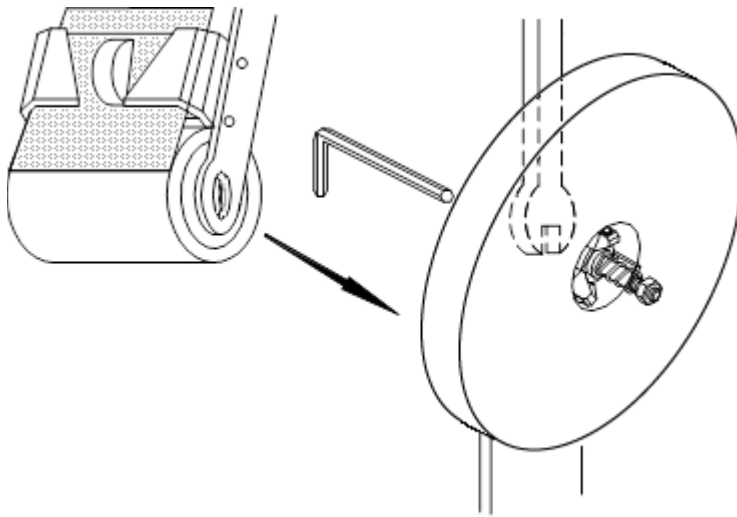
Easteey-EX Tape Head



EZ-EX Tape Head



Center Tape — Eastey-EX Tape Head only



Make sure the tape is centered on all the rollers.

There are several rollers in the tape cartridge where the tape alignment should be checked to verify the tape stays on center as it is being dispensed.

Return the tape cartridge to the operation position.

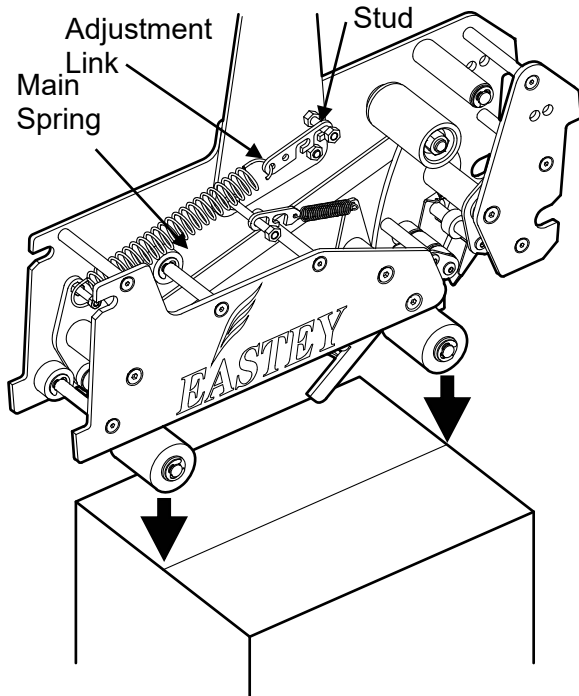
Main Spring Adjustment

When setting tension for the rollers, consider the amount of pressure on the box flaps required to make the seal. Cases completely filled to the top with product may require more pressure on top and bottom seams when applying tape than partially-filled cases, where excessive pressure could possibly crush the case.

For sealing light weight boxes, decrease the main spring tension. For heavier boxes, increase the main spring tension.

Both Eastey-EX and EZ-EX tapeheads have a main spring, which may require tension adjustment for the particular application for which you will be using the case taper.

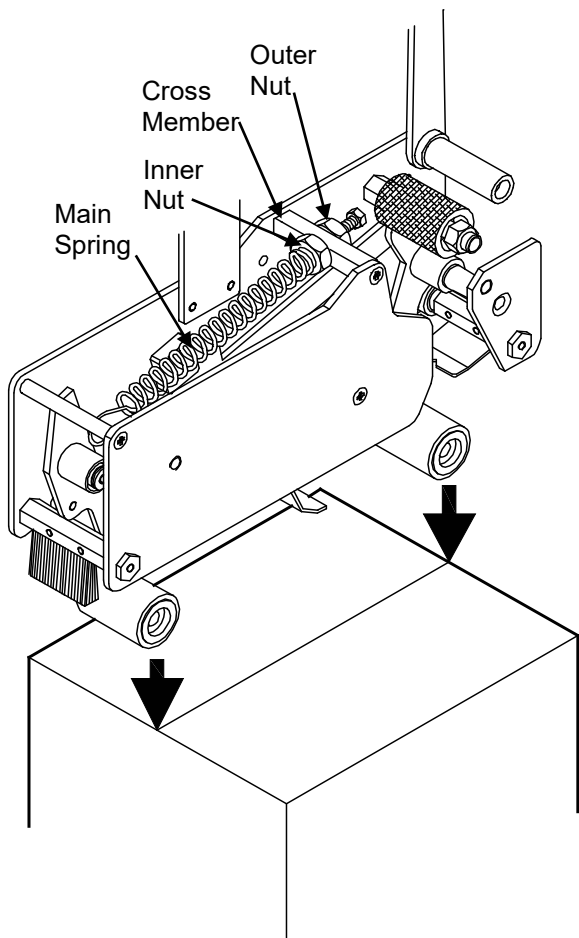
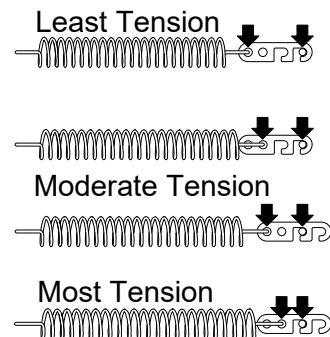
For quick reference and convenience, basic information for adjusting main spring tension for the Eastey-EX Tape Head and EZ-EX Tape Head is provided on the following page. For more information about setting the tape head tension, refer to the User Guide provided with the tape heads that are being used in the case taper.



Eastey EZ-EX Main Spring Adjustment

For the Eastey-EZ tape head, there is an adjustment link at the end of the main spring that links the spring to the stud post.

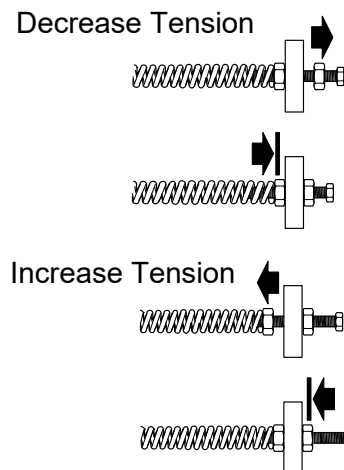
Spring tension is determined by which part of the adjustment link is hooked onto the stud post on the connecting arm, and by which hole in the adjustment link the main spring is hooked onto.



Eastey-EZ Main Spring Adjustment

For the EZ-EX tape head, there are two adjustment nuts, one to each side of the top crossmember where the threaded rod of the adjustable end of the main spring passes through the crossmember.

The adjustment nuts are used together to set the main spring to the required tension and to secure the spring at the set tension.

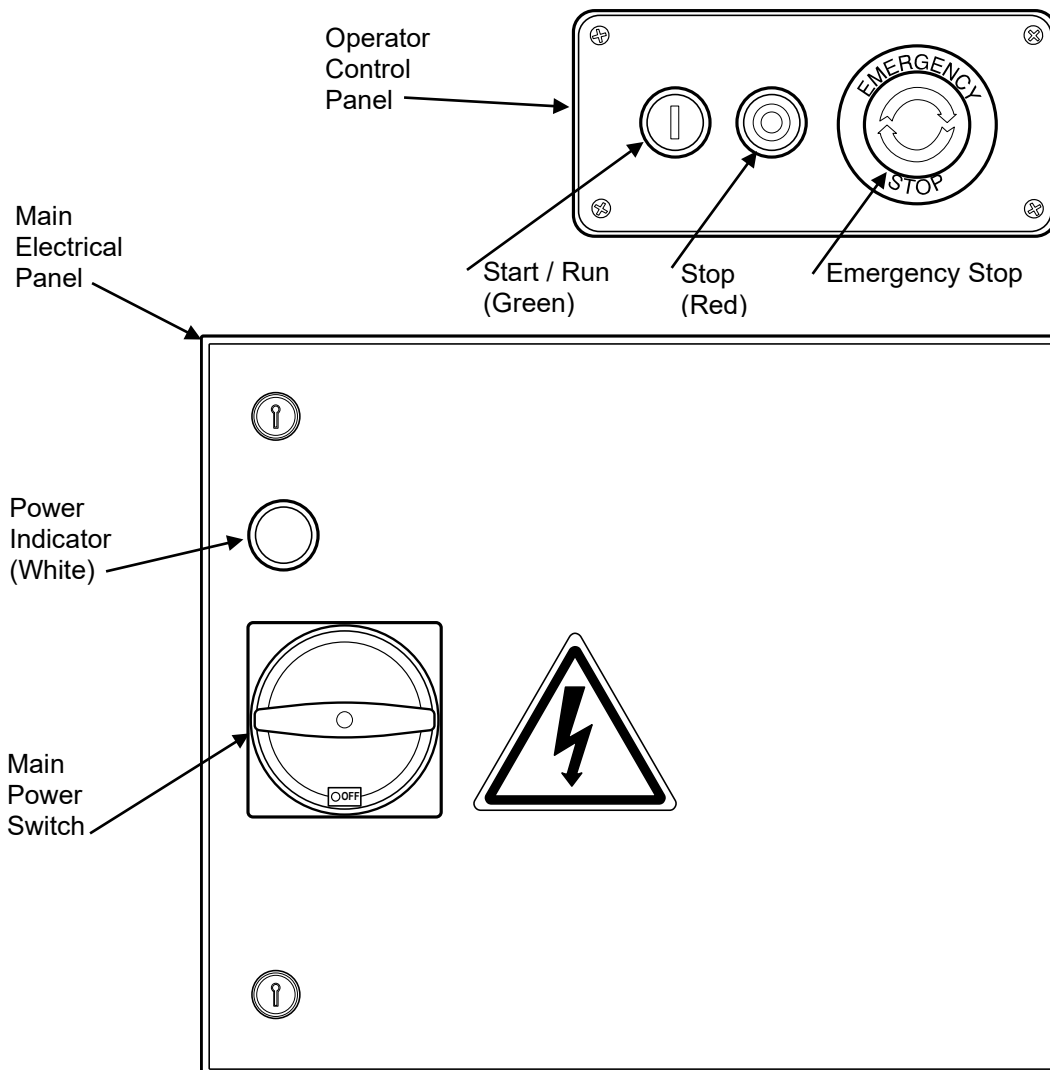


Power and Control Panel

Plug the power supply cord into a properly wired and grounded outlet.

CAUTION! When the power is turned on be aware of moving parts and belts

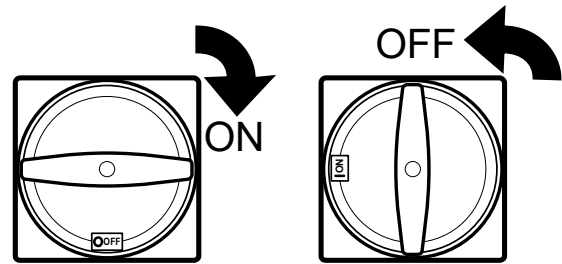
The main power switch and control panel are located on the operator's side of the automatic case taper. The main power switch is located on the door of the electrical panel. The power indicator light is located above the main power switch. The control panel is located on the same side of the machine above the main electrical panel.



NOTE: The door of the electrical panel must be closed securely for the main power switch to be operational.

Power Switch Operation

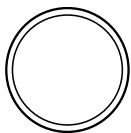
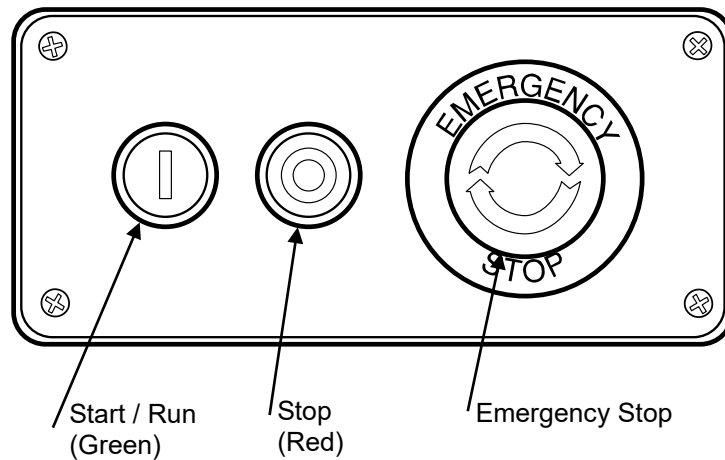
Turn the Power Switch one quarter turn clockwise to turn on power. Turn the Power Switch one quarter turn counterclockwise to turn power off.



When the main power switch is in the ON position the power indicator lamp will be illuminated.

Control Panel Operation

Press Start button on the control panel to begin automatic taper operation.



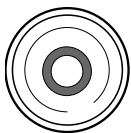
Power Indicator Lamp (White)

- On when case taper is in operation.
- Off when case taper is not in operation.



Start / Run Button (Green)

Press the Start button to start motors and belts.



Stop Button (Red)

Press the Stop button to stop motors and belts.

**Emergency Stop Button (Red with Yellow label)**

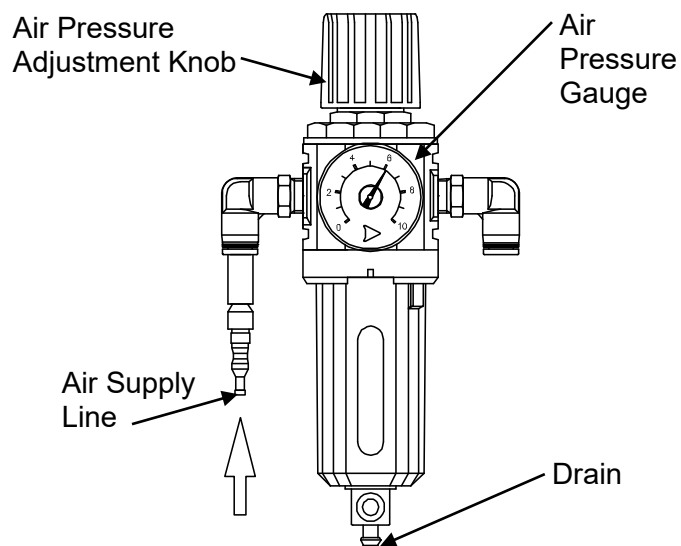
- Press the red Emergency Stop button for emergency stop.
- To reset the Emergency Stop button once the emergency condition has been cleared and it is safe to operate the machine again, press the Emergency Stop button in while turning it approximately a quarter-turn in the direction of the arrow.

Adjustments

Air Pressure unit

The air pressure is pre-set at the factory to 80 PSI. The air pressure can be changed up or down for specific requirements. Make air pressure setting changes only in small increments.

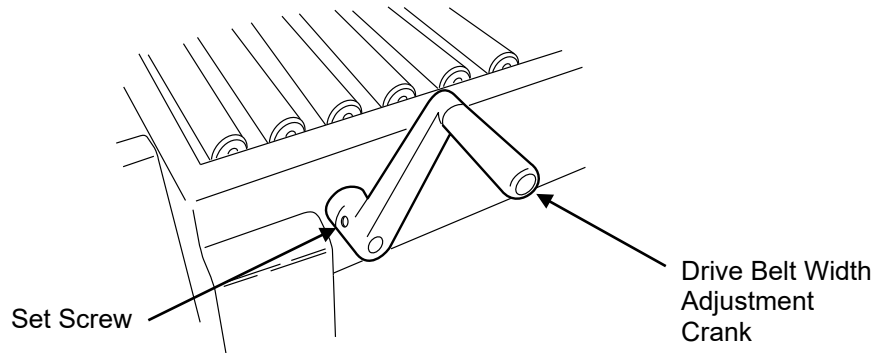
Inspect the unit periodically to make sure the drain system is functional and properly lubricated.



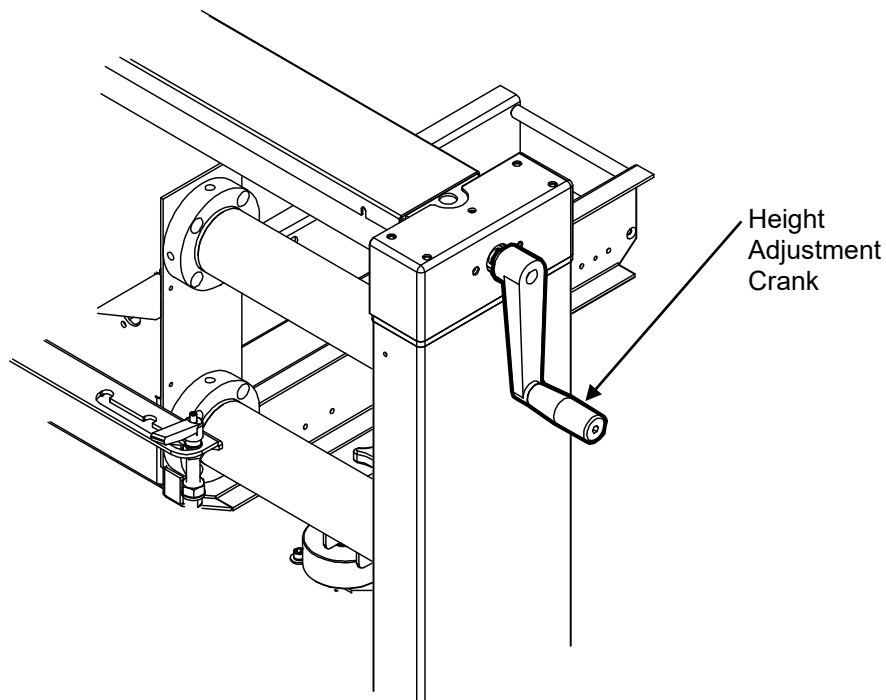
Height and Width Adjustment

With the power off, place an appropriate size case in the Case Sealer.

Use the drive belt width adjustment crank to set the drive belt width to the correct box width.



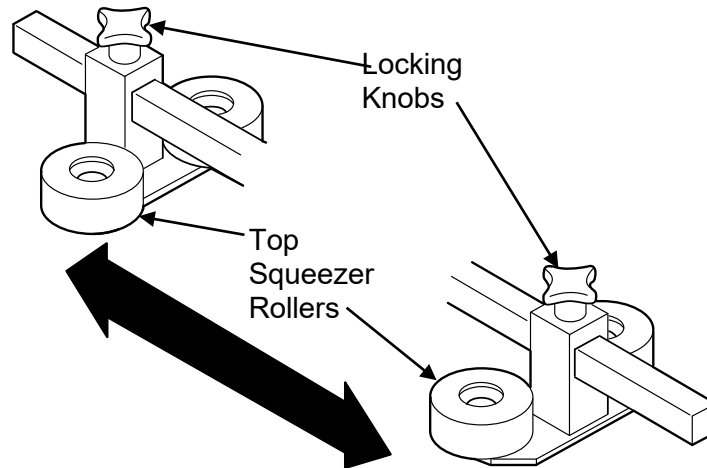
Use the height adjustment crank to set the upper tape head to the correct box height.



The height and width cranks can be mounted on either side of the machine by loosening the set screw and removing the crank. Mount the crank on the opposite side and re-tighten the set screw.

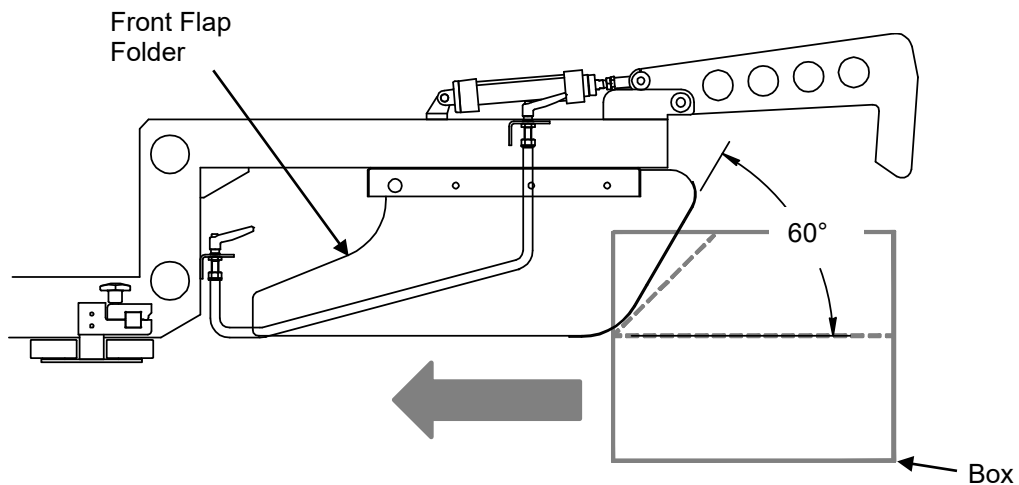
Top Squeezer Roller Width Adjustment

Loosen the locking knobs on the top squeezer alignment rollers to set the top width to the correct box width and re-tighten the locking knobs. This will ensure the box stays centered.



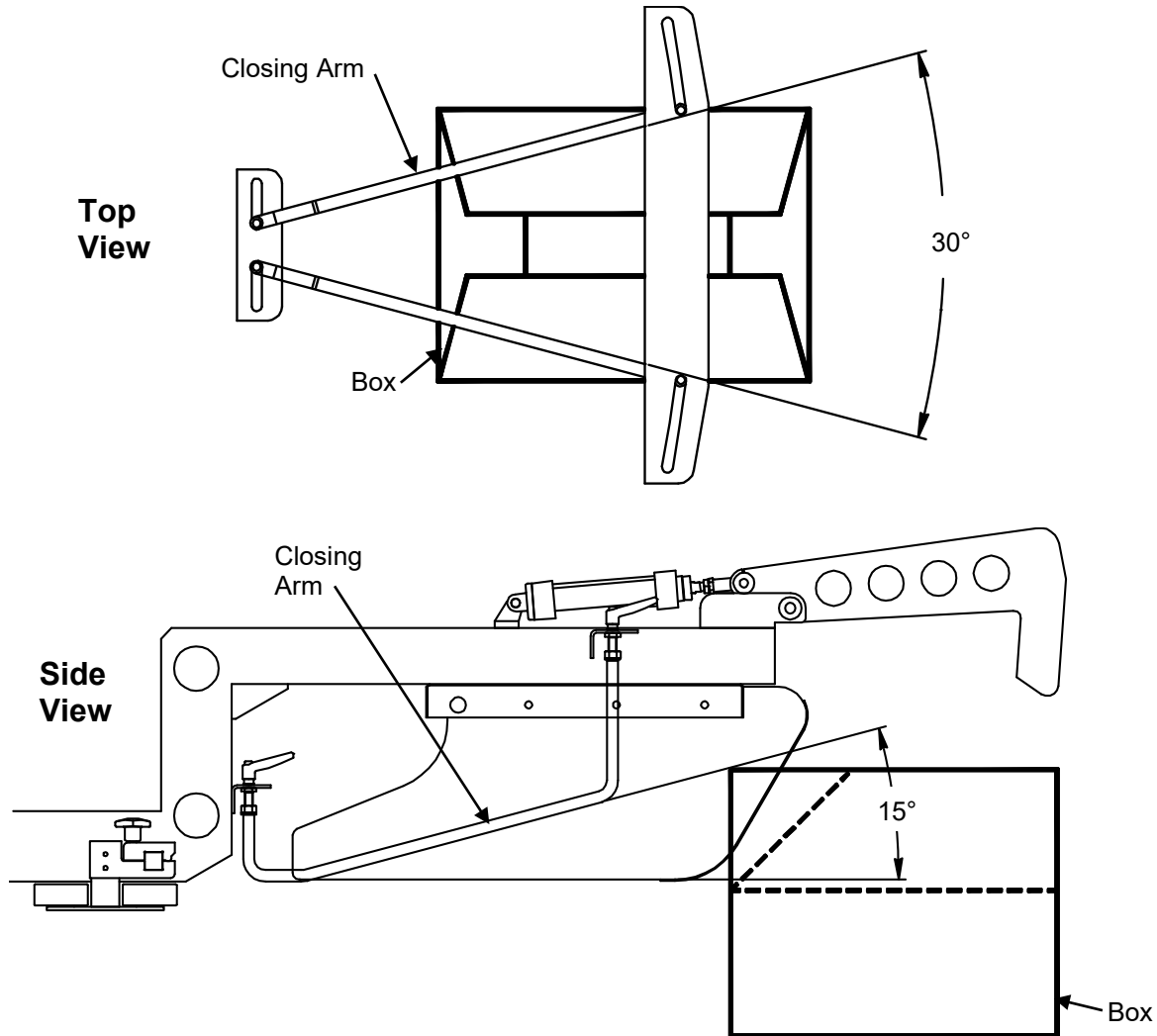
Flap Closing Guide Adjustment

When front cardboard flap touches the front flap folder, the front flap will be folded to 60° initially, and then folded flat as the box moves under the front flap folder.



Side View

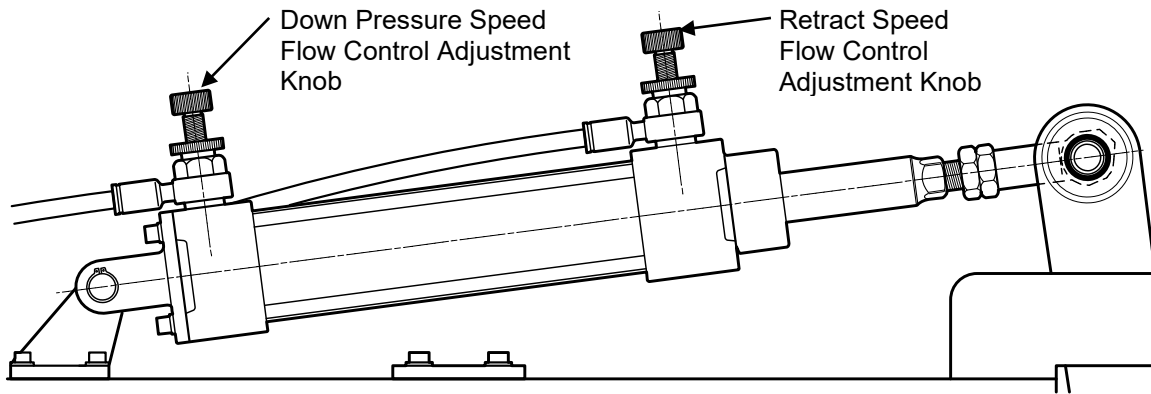
Side flaps will be closed as the box moves forward under the two closing arms. The ideal angle of the two closing bars is 30° apart in horizontal plane (width), and at 15° incline from horizontal. The closing arms are set to an incline angle of 15° , but: arms are moveable and adjustable in both the height and width axes.



Rear Flap Closer Speed Adjustment

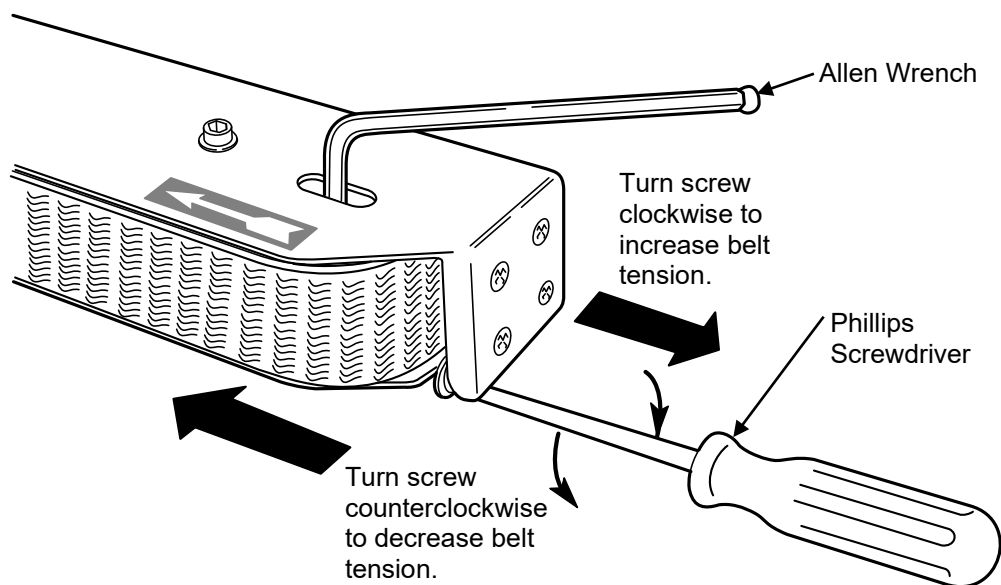
NOTE: Flow controls for extension and retraction of the rear flap closer are pre-set at the factory and should not require adjustment. If you need to change the speed of the rear flap closer, make changes in small increments. Adding too much pressure can cause the closer arm to go down too fast and too hard.

There are two small air flow control knobs on the cylinder that allow speed adjustment of the rear flap closing arm. The knob at the cylinder base adjusts the down speed and the knob at the cylinder rod end controls the retraction speed. To reduce the speed of cylinder action, turn the knob clockwise to restrict airflow. To increase the speed of cylinder action, turn the knob counterclockwise to allow increased airflow.



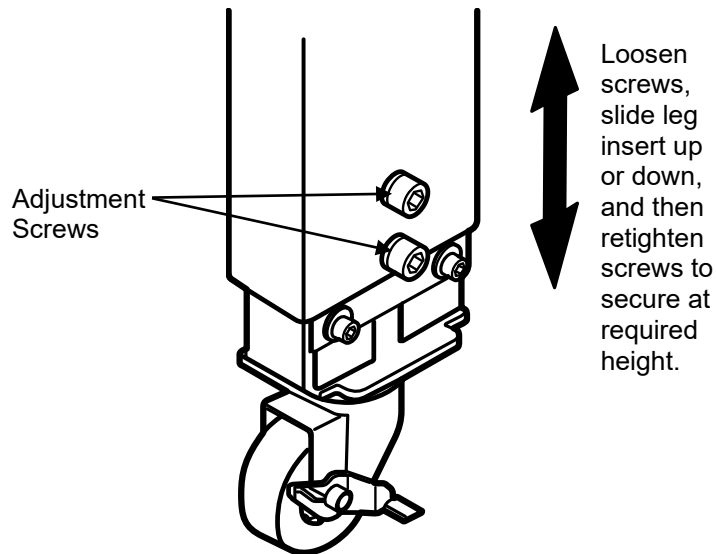
Belt Adjustment

It is not necessary to remove the drive belt cover to adjust the drive belt. To adjust the belt, use an allen wrench and loosen the socket head cap screw that locks the idler position. Adjust the belt to a suitable tension by turning the adjustment screw with a phillips screwdriver. Re-tighten the socket head cap screw when belt is at required tension.



Machine Body Height Adjustment

To adjust the leg height, loosen the screws on each leg and slide the insert up or down. When the leg is at the desired height, retighten the adjustment screws to secure the leg height.



CAUTION! Ensure the case taper is secure and will not shift while adjusting leg height.

Tape Head Adjustment — Refer to Tape Head User Guide.

Refer to instructions in the Tape Head User Guide that is provided with the tape head for instructions regarding adjustment information for the tape head.

Maintenance

The SB-2/3EX-Automatic Industrial Case Taping System will provide many hours of maintenance free operation. There are a few items that may require attention from time to time.

Rollers

Make sure rollers stay clean and grease free. If you should have to clean the rollers simply wipe them down with a clean lint free cloth. If a more thorough cleaning is necessary wipe the rollers down with a mild detergent and water and let dry. **Never use harsh or abrasive cleaners or chemical agents when cleaning the rollers.**

Cutting Knives

Occasionally inspect the cutting knives to ensure they are clean and free of adhesive residue. Make sure the cutting knife is sharp by inspecting cuts in the tape. Cuts should be straight and neat. If the quality of cuts is eroding, the knife blade is dull and should be replaced.

Changing Knife Blades — Refer to Tape Head User Guide

Turn off and unplug the taper. It is not necessary to remove either tape head to change the blade. Refer to the Tape Head User Guide provided with the tape head for instructions for changing the knife blades.

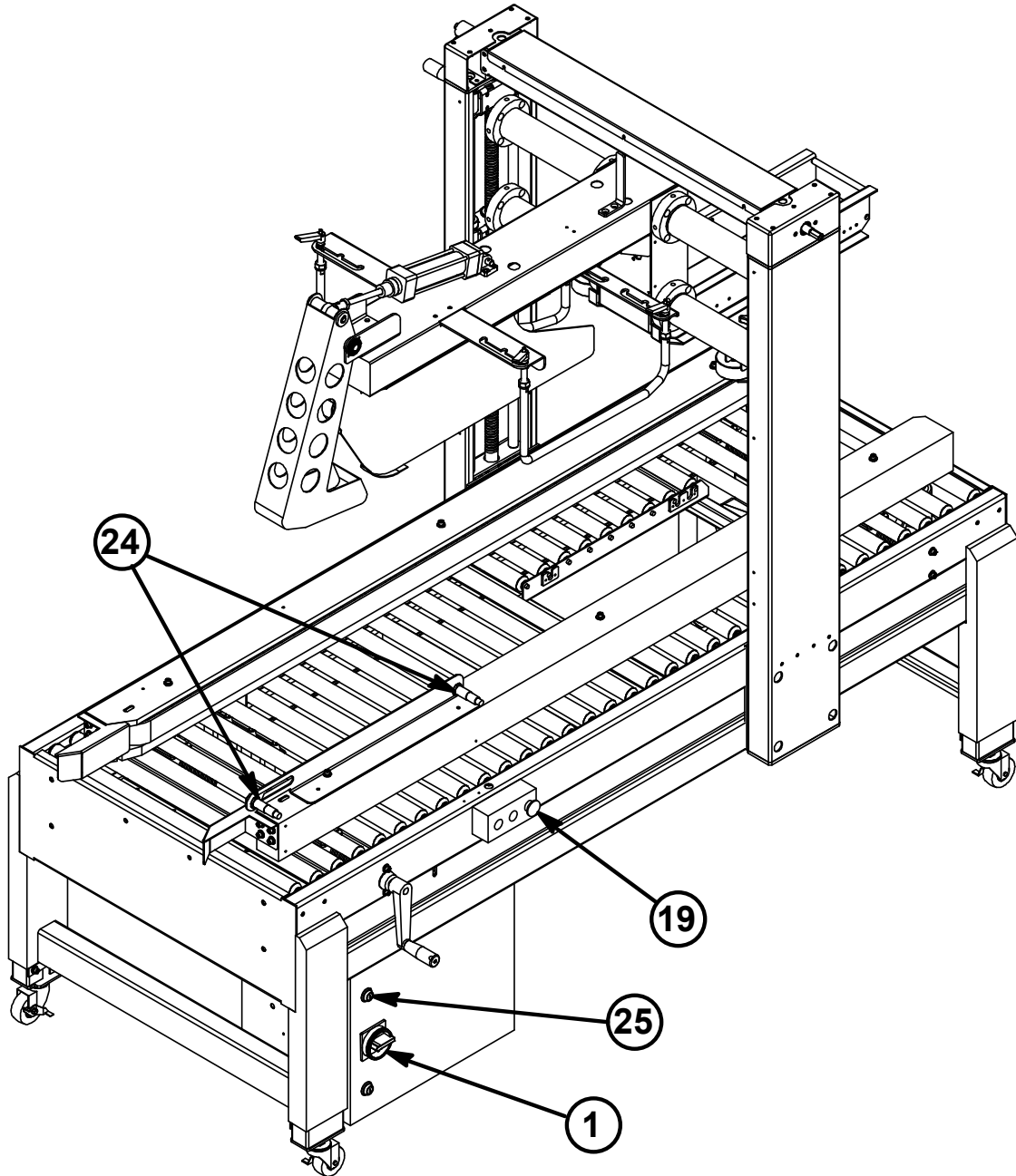
CAUTION! Always be aware of the cutting edges while replacing the knife blades. Handle the knife blades carefully.

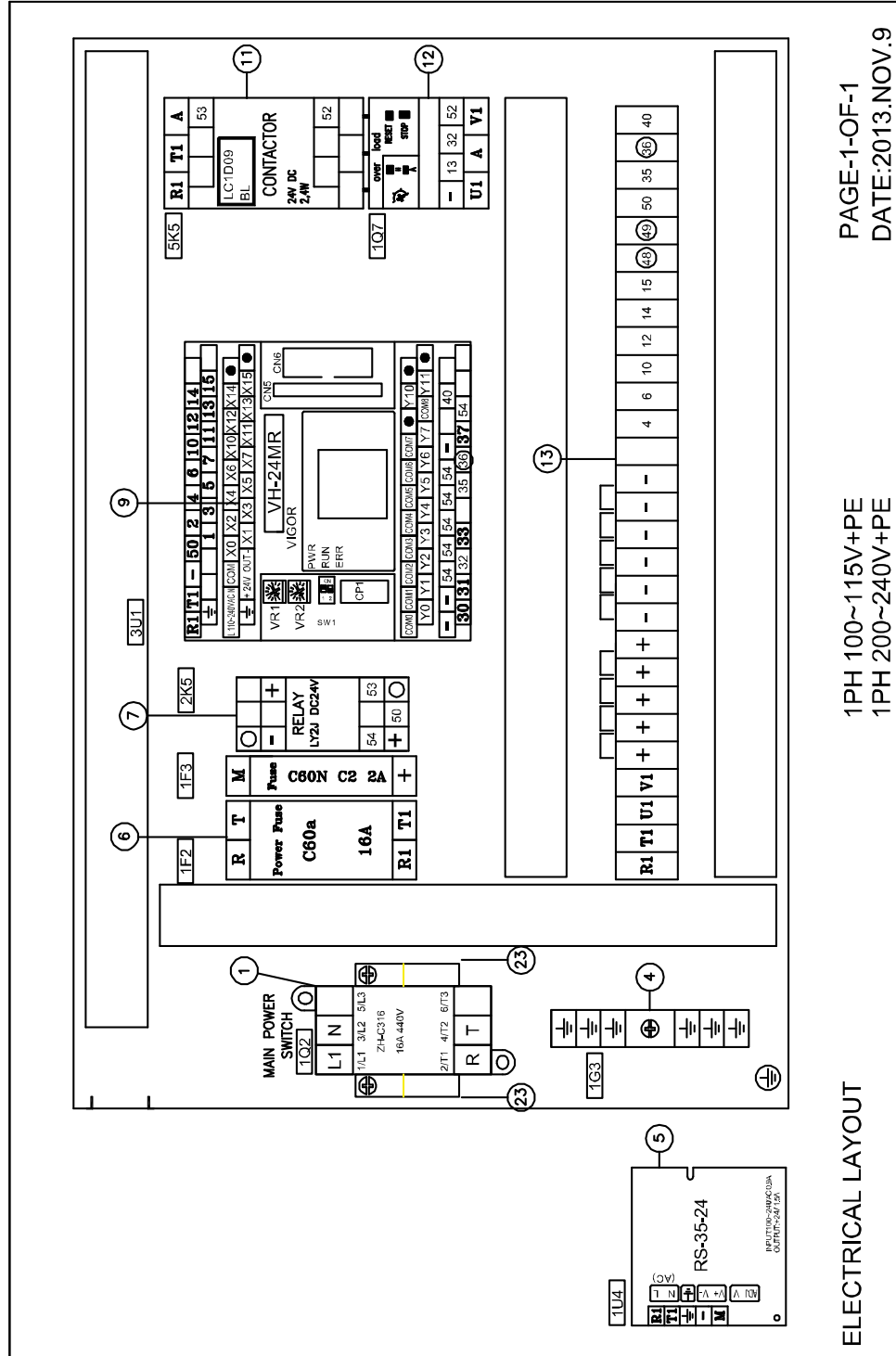
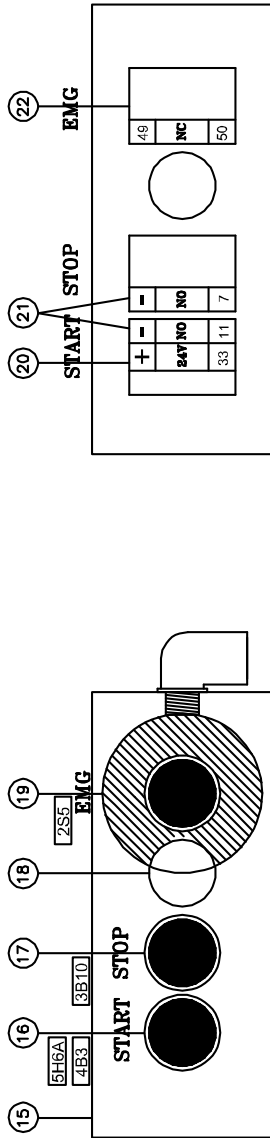
Troubleshooting

Problem	POSSIBILITIES	Solution
If machine is not operating.	The air pressure may not be sufficient.	Adjust the air Pressure.
If the air cylinder on the flap closing system does not work.	Kinked hoses and/or wiring.	Reposition the hoses & wiring.
If the indexing gate (stopper), doesn't operate.	a) Bent or twisted hoses & wiring. b) Defective infeed or exit photo eyes sensors.	(a) Re-position hoses & wiring. (b) Adjust the position of photo eye, or replace with a new one.
If the machine cannot tape boxes.	The side belts are not correctly adjusted for the box size.	Use the width adjustment crank to adjust the side belt width.
Start Button Indicators	START button flashes 1 time.	Normal operation.
	START button flashes 2 times.	The motor is overloaded.
	START button flashes 3 times.	STOP button is on or wiring may be discounted. Check wiring.
	START button does not flash.	(a) Turn on the power, power indication light will be on. (b) Release the E-STOP.

Parts List

Electrical





PAGE-1-OF-1
DATE:2013.NOV.9

1PH 100~115V+PE
1PH 200~240V+PE

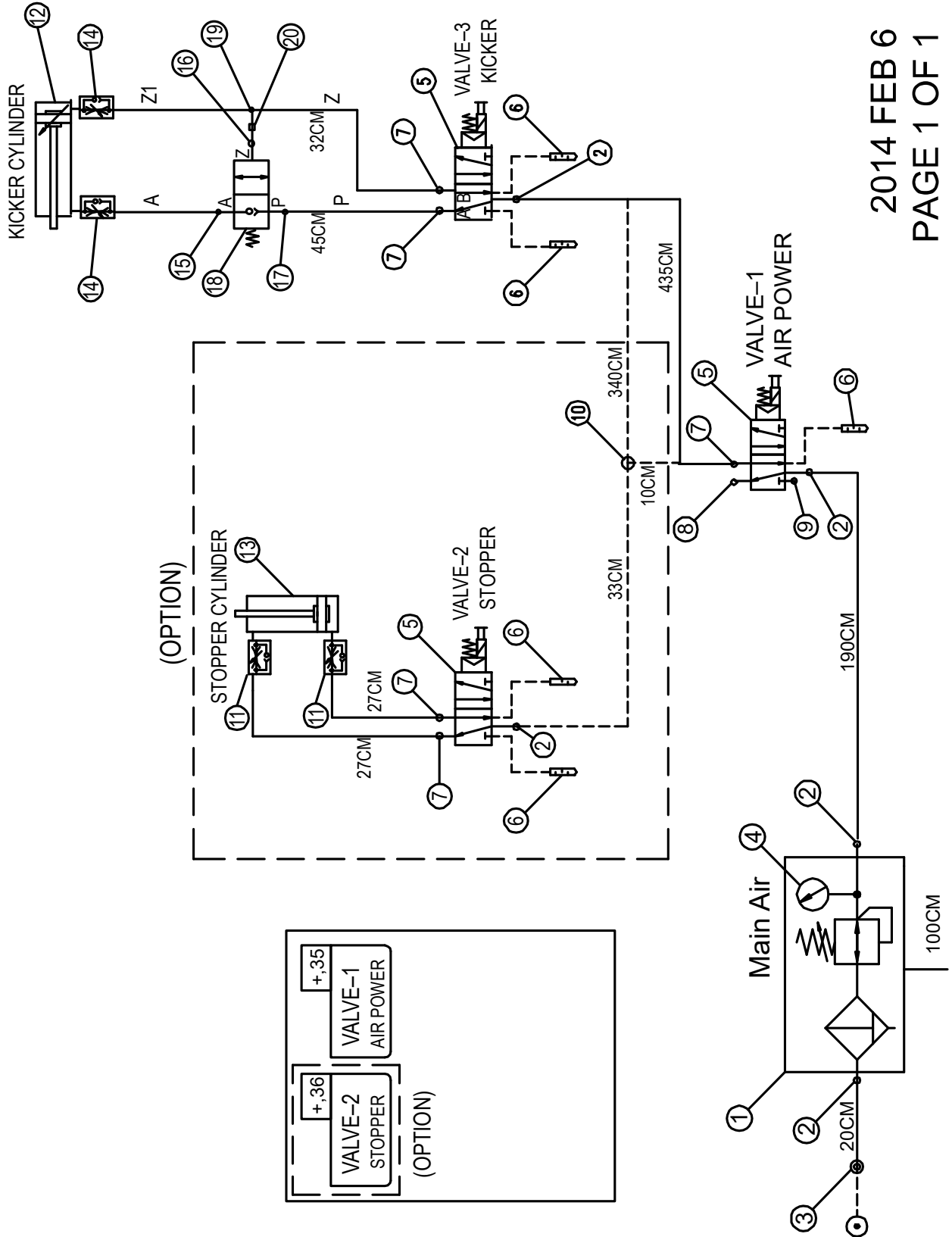
ELECTRICAL LAYOUT

ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
1	5001873	SEPARATED POWER → ON/OFF (5001873, item 1 includes items 2 & 3)	P0311-020000700 71710001-01	1

34 Illustrated Parts List

ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
2		LINE SHANK (Included in item 1)	71710001-02	3
3		LINE SHANK UNITS (Included in item 1)	71710001-03	3
4	5001915	TERMINAL BLOCKS TB6P	70560601	1
5	5005269 5001916	POWER SUPPLY RS-25-24 POWER SUPPLY NES-35-24	P0307-010001100 72810005	1
6	5005270 5001705	CIRCUIT BREAKER IK60N2PC16A POWER FUSE C60A2PC16A (FUSE 10A GL)	P0305-010001100 72571601	1
7	5005271 5001704	CIRCUIT BREAKER IC60N1PC2A POWER FUSE C60N1PC2A (FUSE 2A GL)	P305-010001500 72570201	1
8	5001917 5005273	RELAY LY2 DC24V FIXED REED PYCA1	7270R301 72710001	1
9	5001918	RELAY SEAT LY2	7270B301	2
10	5001803	PLC VIGOR VH-24MR	73002002	1
11	5005275	CONTACTOR LC1-D096BL (DC24V)	72600001	1
12	5001760 5001760-V1 5005277	THERMAL OVERLOAD RELAY (110V)(4~6A) THERMAL OVERLOAD RELAY (220V)(2.5~4A) THERMAL OVERLOAD RELAY (380-400V)(1-1.6A)	71570002-02 71570003-02 72600004	1
13	5001919	TERMINAL POST 28P	7055TC10	1
14	5005278	TERMINAL POST 1P	7055TC01	1
15	5001874	ON/OFF SWITCH BOX	71840002	1
16	5001824	AUTO RUN GREEN LAMP→COVER	7150AW03	2
17	5001978	BUTTON RED	7155AL01	1
18	5005279	SLEEVE φ22	7030HP22	1
19	5002104	EMG.SWITCH	7155AS02	1
20	5001884	AUTO RUN GREEN LAMP	7151VM02	1
21	5001992	(START)(STOP)BUTTONSEATCONTACTOR(NOx1)	7158ZE01	1
22	5001891	EMG. BUTTON SEAT CONTACTOR NCx1	7158ZE02	1
23	5005280	PLATE TBR-F	71000001	2
24	5001706	PHOTO SENSOR CDR-10X	7360CD01	2
25	5005033	LAMP XB2BVB1C	7150BVB1	1
26	5001762	AUTO RUN White LAMP → COVER	7150AV01	1
27	5005281	AUTO RUN White LAMP → SEAT	7150AV02	1
28	5001824-L	AUTO RUN White LAMP → LAMP	7150CE24	1

Pneumatic Parts

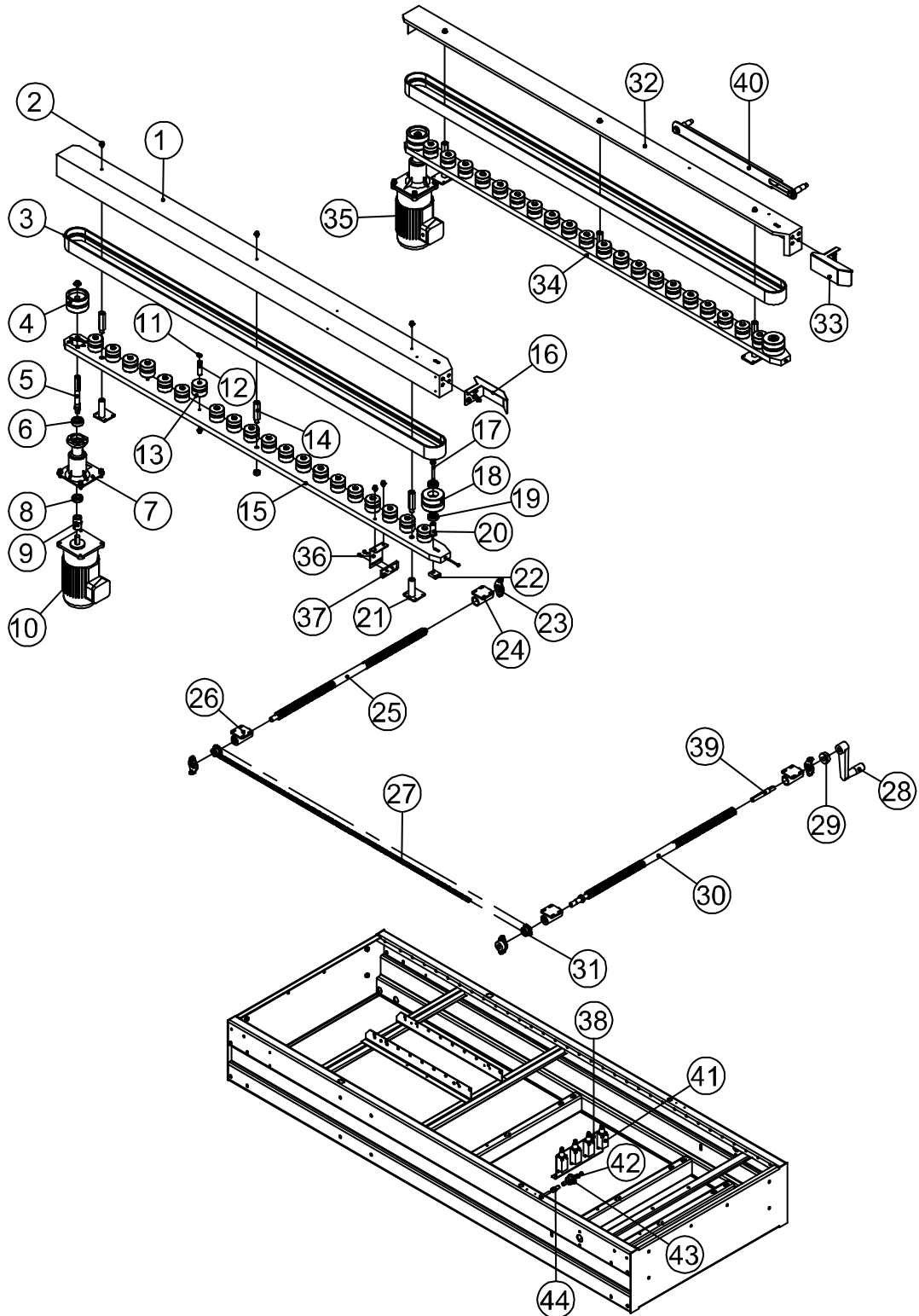


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ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
1	5005282 5001820	AIR F.R.L UNITS (MAFR300L-8A-D)	P405-0000110 81110002	1
2	5001820-1	FITTING ELBOW QUICK CCNNECTOR (PL8-02)	81060105	5
3	5001995	FITTING CCNNECTOR (MPP-20 EZ-CF)	81060100	1
4	5001820-2	PRESSURE GAUGE	81040001-1	1
5	5001734	SOLENOID VALVE	81090001	3
6	5002101	BRASS SILENCER	81100101	5
7	5001996	FITTING CONNECTOR (PC8-02 EZ-CF)	81060120	5
8	5005283	PLUG (1/4")	81150001	1
9	5005284	PLUG (1/8")	81150002	1
10	5001999	CCNNECTOR (PE8)	81050005	1
11	5002100	CCNNECTOR (JSC8-01A)	81060127	2
12	5001809	ISO CYLINDER(MCQV2-11-40-100)	81010002	1
13	5001810	ISO CYLINDER (MCMA-11-32-30A)	81010113	1
14	5001573	CONNECTOR JSC8-02A	81060133	2
15	5005285	CONNECTOR PLF8-02	81060146	1
16	5005286	CONNECTOR PL6-M5	81060146	1
17	5005287	CONNECTOR PG8-6	P0401-001180	1
18	5001834	CONNECTOR PC-1/4	81096001	1
19	5030770	CONNECTOR PY8	P0401-001170	1
20	5005235	CONNECTOR BCN-0201	81060202	1

Side Belts

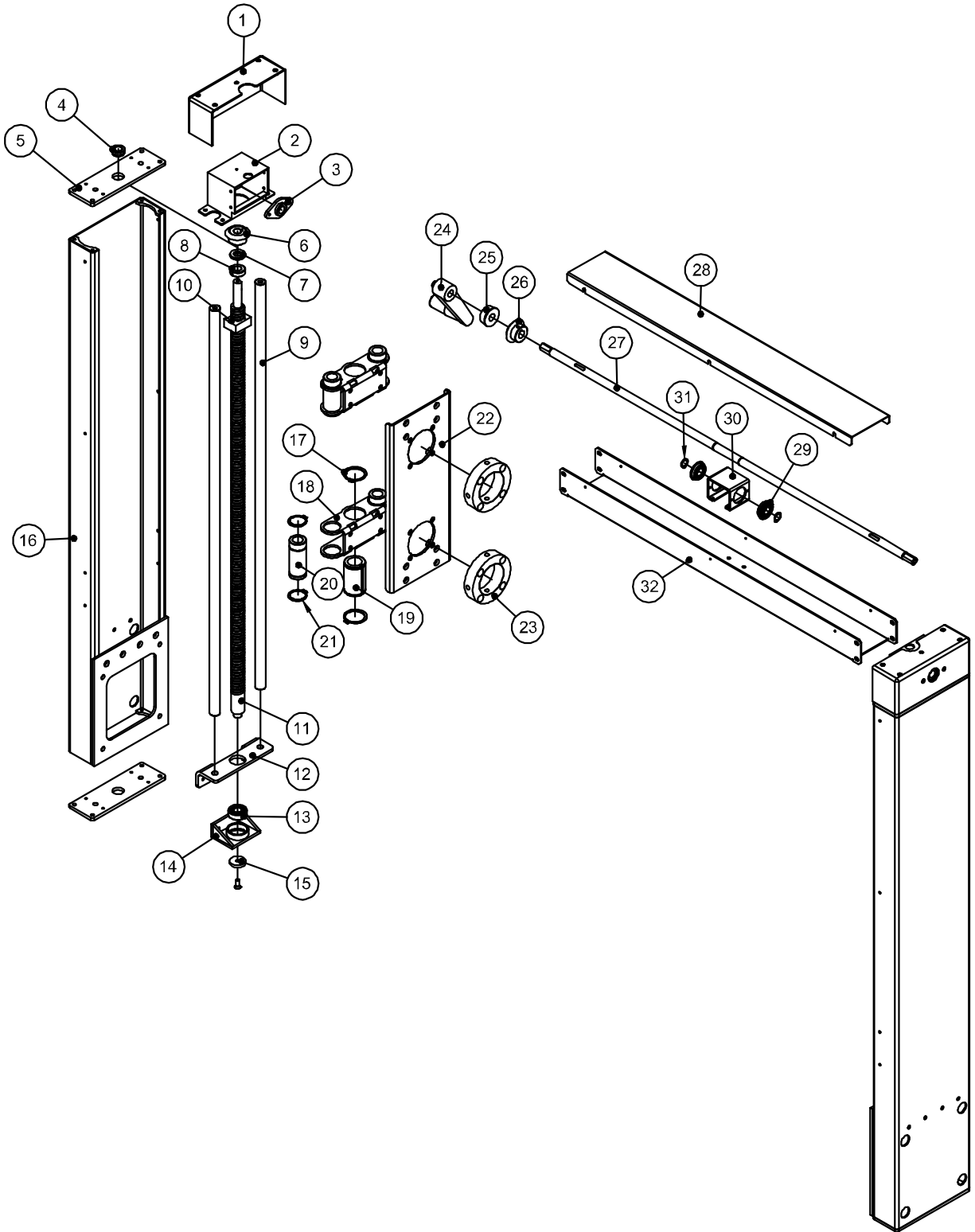


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ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
1	5005288	BELT COVER	KA110887L0	1
2	5005256	SCREW M6*12L	10250612	6
3	5001030	BELT (SET)-SB2/3EX-AUTO	CE300500	1
4	5001715	PULLEY DRIVER	CA301900	2
5	5001711	MOTOR SHAFT	CA30250A	2
6	5001701	BEARING 6203	30302031	2
7	5001757	MOTOR SEAT	CA302900	1
8	5001700	BEARING 6003ZZ	30300030	2
9	5001712	UNIVERSAL JOINT	CA303000	2
10	5001714	MOTOR 110V/60HZ, T18:1	745111L1	1
	5001714-V1-60	MOTOR 220V/60HZ, T18:1	745122L1	1
	5001714-V1-50	MOTOR 220V/50HZ, T15:1	745122L2	1
	5005289	3-PHASE MOTOR 220V/50,60HZ, T18:1	745122L3	1
	5001714-V2-50	MOTOR 240V/50HZ, T15:1	745124L2	1
	5001714-V3-50	MOTOR 380V/50HZ, T15:1	745138L1	1
	5005290	MOTOR 400V/50HZ, T15:1	745140L1	1
11	5002207	RING S-14	11301400	40
12	5001878	PULLEY SHAFT	CA301400	40
13	5001877	PLASTIC PULLEY	CA301300	40
14	5001926	SPECIAL SCREW	CE300800	6
15	5005291	SUPPORT COLUMN	CE3002L0	1
16	5001752	GUIDE PLATE	CA3010L0	1
17	5002196	SCREW M8*70L	10100870	2
18	5001703	PULLEY FOLLOWER	CA301100	2
19	5001700	BEARING 6003ZZ	30300030	4
20	5001886	PULLEY SHAFT	CA301200	2
21	5002108	SUPPORT SHAFT	CE300400	4
22	5001880	ADJUSTMENT BLOCK	CA301800	2
23	5001921	SHAFT SEAT	CA302000	4
24	5004101	SPINDLE SUPPORT	CA3015L0	2
25	5002154	SPINDLE WIDTH ADJUSTMENT	CA300800	1
26	5002155	SPINDLE SUPPORT	CA3015R0	2
27	5005292	CHAIN #35x328	3240535D	1

ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
28	5005293 5001710	HANDLE CRANK ARM	P1112-0000-60A CA201500	1
29	5001977	HANDLE RING	CA303200	2
30	5002153	SPINDLE WIDTH ADJUSTMENT	CA300700	1
31	5001854	CHAIN SPPOCKET 12T	CA302200	2
32	5005294	BELT COVER	KA110887R0	1
33	5001753	GUIDE PLATE	CA3010R0	1
34	5005295	SUPPORT COLUMN	CE3002R0	1
35	5001713	MOTOR 110V/60HZ, T18:1	745111R1	1
	5001713-V1-60	MOTOR 220V/60HZ, T18:1	745122R1	1
	5001713-V1-50	MOTOR 220V/50HZ, T15:1	745122R2	1
	5005296	3-PHASE MOTOR 220V/50.60HZ, T18:1	745122R3	1
	5001713-V2-50	MOTOR 240V/50HZ, T15:1	745124R2	1
	5001713-V3-50	MOTOR 380V/50HZ, T15:1	745138R1	1
	5001713-V4-50	MOTOR 400V/50HZ, T15:1	745140R1	1
36	5005297	ADJUST SEAT	KA11086900	1
37	5005298 5005299	IMPACT PLATE	P01-011170A KA11086800	1
38	5005300	LIMITS SEAT	KA11086700	1
39	5002156	SHAFT	CA300900	1
40	5005301	PHOTO SENSOR ADJUST SEAT	KA11088800	1
41	5005198	LIMIT VL-8112	7350TZ08	4
42	5001896	BUSH Ø10 x Ø12 x 10L	CT212100	2
43	5004115	CHAIN WHEEL	CA201600	1
44	5004116	CHAIN WHEEL SHAFT	CA201700	1
	5001713-C3	MOTOR CAPACITOR (For200~220V) 8uf	P0318-040002400	2
	5001713-C	MOTOR CAPACITOR (For100~110V) 16uF	75550002	2
	5001713-C4	MOTOR CAPACITOR (For 230V~240V) 6uF	P0318-040002600	2

Vertical Column with Height Adjustment

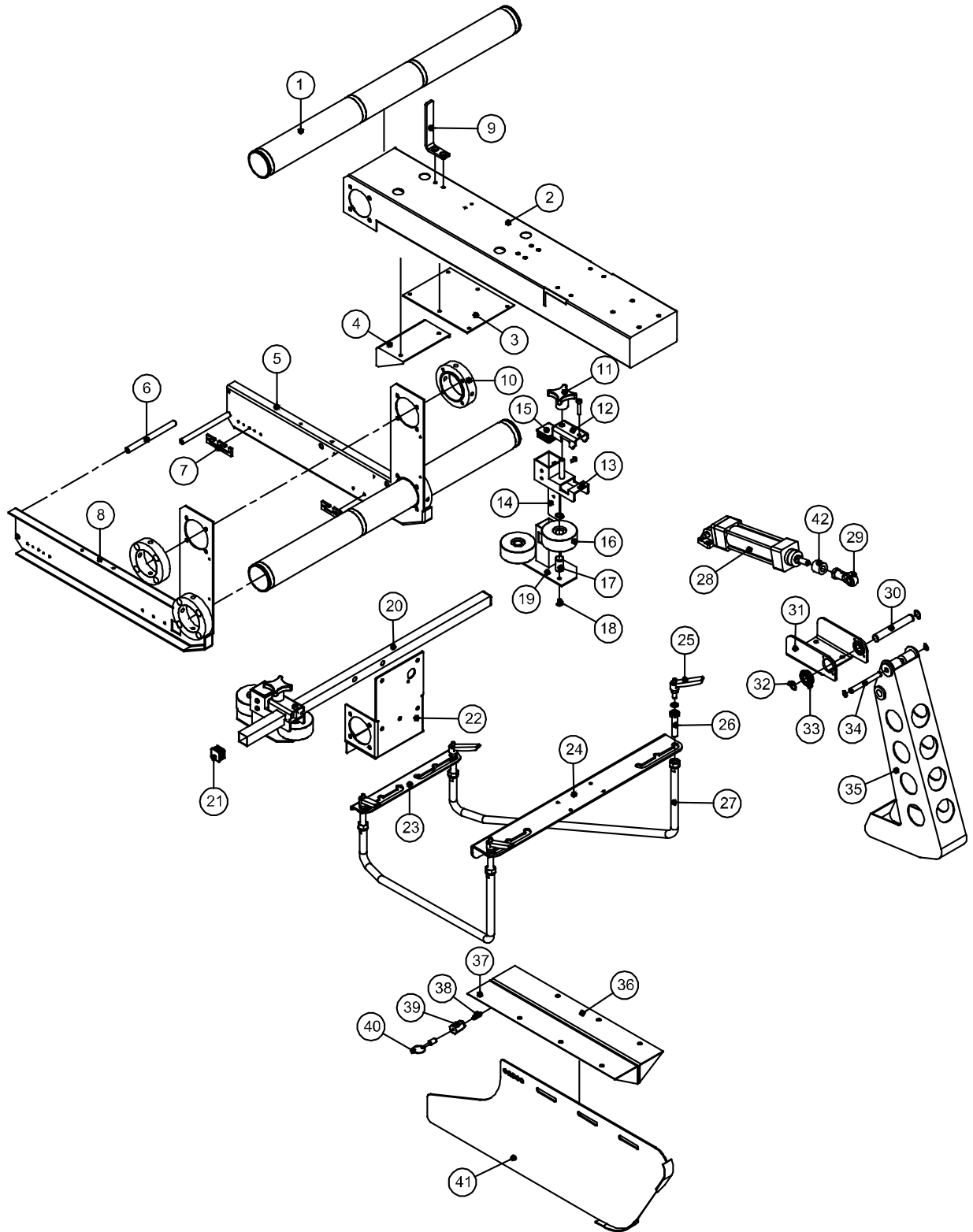


ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
1	5005305	COLUMN COVER FRAME	KA11109200	2
2	5005306	FIX SEAT	KA11109000	2
3	5001921	SHAFT SEAT	CA302000	2
4	5004083	COPPER RING	CA200200-01	2
5	5005307	TOWER FRAME COVER	KA11108800	4
6	5001853	GEAR (S45C) M=1.5, T=30	KA31003900	2
7a	5005308	BEARING AXK1528	30361528	2
7b	5004084	WASHER AS1528	3036AS05	4
8	5004176	SWITCH CAM	KA03009600	2
9	5005309	SHAFT	KA03053900	4
10a	5001845	SCREW (RIGHT)	CA230900	1
10b	5001846	SCREW (LEFT)	CA2309L0	1
11a	5001850 5001850	COLUMN SCREW (RIGHT)	P02-007370A KA030538R0	1
11b	5001851 5001851	COLUMN SCREW (LEFT)	P02-007380A KA030538L0	1
12	5005311	FIX SEAT	KA11108900	2
13	5001852	BEARING 6202ZZ(CWB)	30302020	2
14	5005312	COLUMN BEARING SEAT	CE201000	2
15	5005313	WASHER	KA1100370	2
16	5005314	COLUMN	KA11108700	2
17	5005315	C-RING S-40	11304000	4
18	5005316	BRACKET	KA11109300	4
19a	5001847	SCREW (RIGHT)	KA030542R0	2
19b	5001848	SCREW (LEFT)	KA030542L0	1
20	5005317 5001802	LINEAR MOTION BEARING LM-20UU	3110LM20L 3110LM20	8
21	5005035	C-RING S-32	11303200	8
22	5005318	BRACKET BASE	KA11109400	2
23	5005319	SWITCH CAM	KA03054100	4
24	5001710-1	CRANK HANOLE	KA0400370	1
25	5001977	HANDLE RING	CA303200	2

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ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
26	5001920	GEAR (POM) M=1.5, T=30	KA31005700	2
27	5005320	TRANSMISSION SHAFT	KA03054000	4
28	5005321	COVER FRAME (TOP)	KA11109600	1
29	5002111	BEARING 6002ZZ=NR(CWB)	3030002N	2
30	5005322	FIX SEAT	KA11113100	1
31	2005323	C-RINGS-15	113001500	2
32	5005324	COVER FRAME	KA11109500	1

Flap Guide and Upper Tape Head Seat Assembly

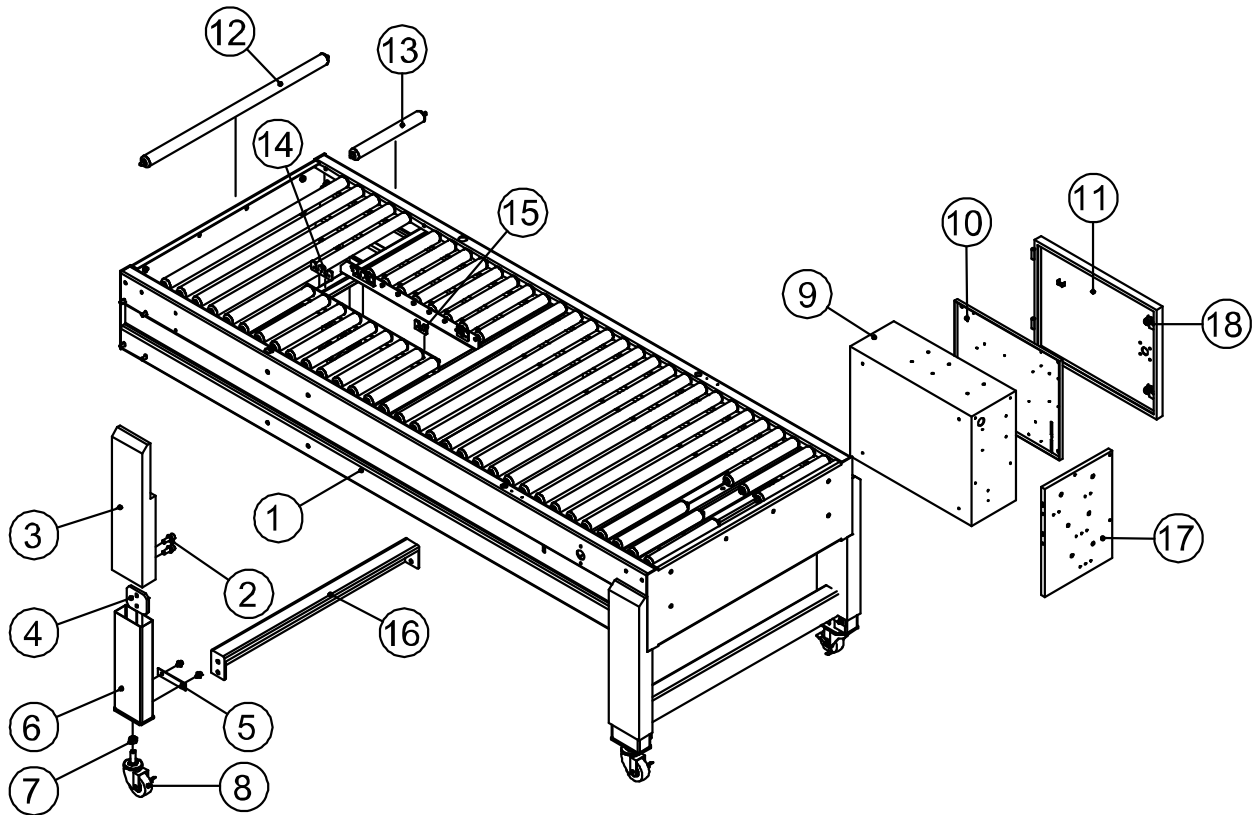


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ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
1	5005325	SUPPORT BAR	KA03065400	2
2	5005326	FOLDING DEVICE SEAT	KA11084800	1
3	5005327	SUPPORT PLATE	KA11085200	1
4	5005328	SUPPORT SEAT	KA11086100	1
5	5005329	UPPER TAPE HEAD SEAT (LEFT)	KA110853L0	1
6	5005330	CONNECT BAR	KA03065600	2
7	5001696B	B PLATE	CA100300	4
8	5005331	UPPER TAPE HEAD SEAT (RIGHT)	KA110853R0	1
9	5005332 5005333	TUBE FIXED SEAT	P01-011530A KA11090400	1
10	5005334	FIXED RING	KA03054100	4
11	5001709	HANDLE KNOB M10x63	CA101600	2
12	5005335	LOCKING COVER	KA11086400	2
13	5005336	LOCKING SEAT	KA11086200	2
14	5005337	LOCKING PLATE	KA11086500	2
15	5005338	RUBBER COVER	91350003	2
16	5001708	COMPRESSION ROLLER	CA100600	4
17	5001702	COMPRESSION ROLLER SHAFT	CA100700	4
18	5002163	SCREW M6x12L	10140612	4
19	5001813	COMPRESSION ROLLER SEAT	CA100500	2
20	5005339 5004105	SUPPORT BAR	P02-0280500 CA101000	1
21	5005340	RUBBER COVER 1"	91350001	2
22	5005341	CONNECT SEAT	KA11085500	1
23	5005342	FOLDING DEVICE SEAT	KA11086000	1
24	5005343	FOLDING DEVICE BRACKET	KA11085800	1
25	5002211	FIXED HANDLE	KA04006800	4
26	5002212	FIXED SCREW	KA03042900	4
27	5002213	FOLDING DEVICE	KA03042000	2
28a	5001809	CB ISO CYLINDER MCQV2-11-40-100	81010002	1
28b	5002110	CB CYLINDER BASE MCQV CB-B40	81070003	1
28c	5005344	CB PIN-CB-AL40	81070003-1	1

ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
29	5001726	ROD END PHS12EC M12x1.25	81060002	1
30	5005345	ARM SHAFT	KA03041900	1
31	5005346	FOLDING ARM SEAT	KA11085600	1
32	5005347	C-RING S-15	11301500	1
33	5001725	BEARING 6002ZZ-NR(CWB)	3030002N	2
34	5005348	CYLINDER CONNECT SHAFT	KA03041800	2
35	5005349	FOLDING ARM	KA11085700	1
36	5005350	FLAP DIVIDER SUPPORT	KA111161R0	1
37	5005351	FLAP DIVIDER SUPPORT	KA111161L0	1
38	5005352	PRESS SPRING	KA04010100	1
39	5005353	FIXED SEAT	KA03055300	1
40	5005354	FIXED PIN	KA03055200	1
41	5005355	FLAP DIVIDER	KA11085400	1
42	5005356	BUFFER	KA30013000	1

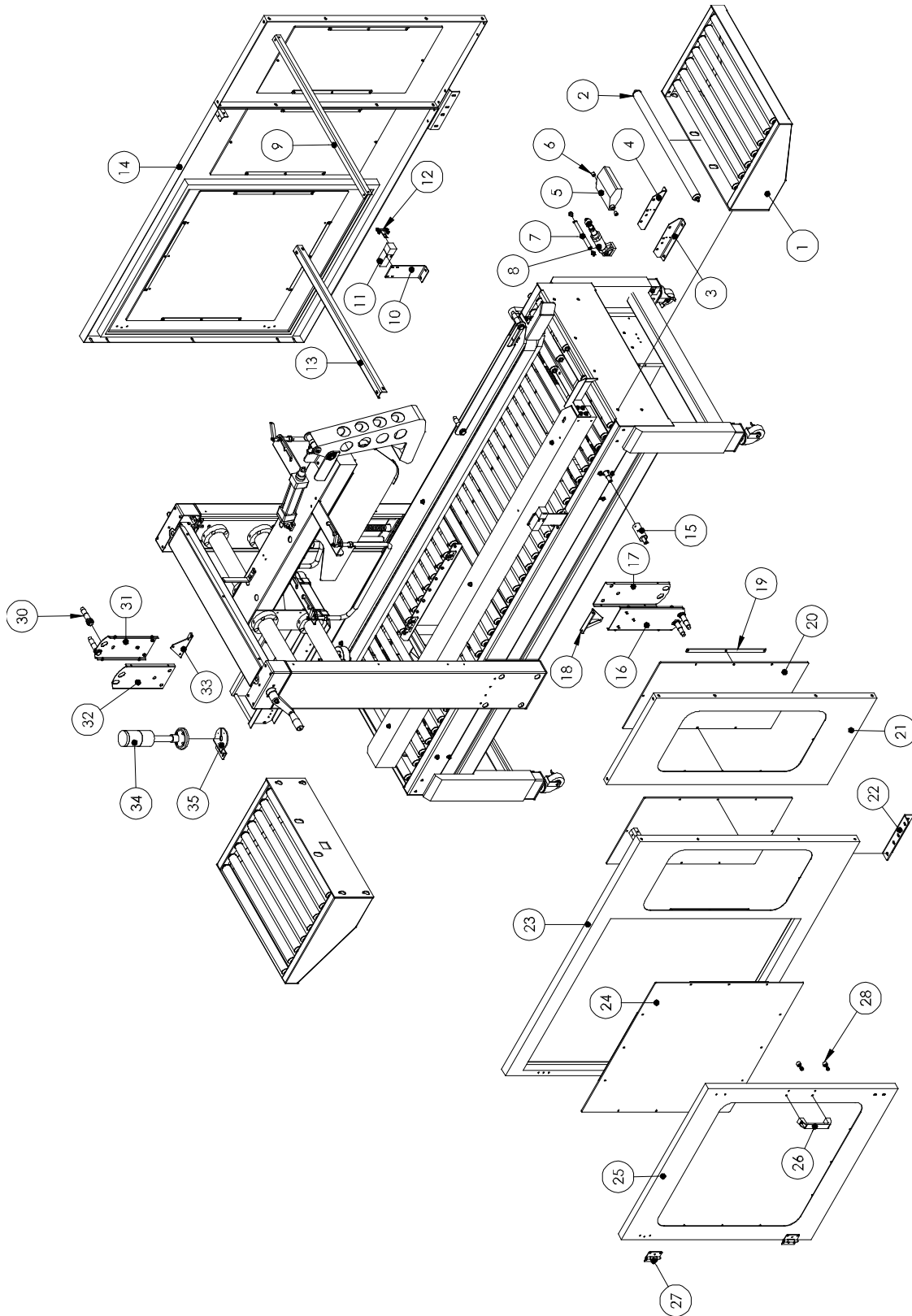
Machine Body



ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
1	5005357	MACHINE FRAME	KA11087200	1
2	5005256	SCREW M6*12L	10250612	8
3	5005010	MACHINE LEG	KA11087000	4
4	5005257	CLAMP	KA11084000	4
5	5005258	FIXED PLATE	KA11083900	4
6	5005011	ADJUSTABLE LEG	KA11080900	4
7	5005299	NUTN 1/2"	10301201	4
8	5001912 5001707	CASTER	KA04012600 9202H501	4
9	5005358 5005359	CONTROL BOX	P01-014530A CC400200	1
10	5005360	WIRING PLATE	CC400500	1
11	5002199	CONTROL BOX DOOR	CC400300	1
12	5001716	ROLLER(LONG)	CA302400	24

ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
13	5001718	ROLLER(SHORT)	CA302300	18
14	5004131	B-PLATE	CA33070A	2
15	5004132	A-PLATE	CA33060A	2
16	5005361 5005362	STABILIZER, LEG	KA11087300 CE-2013-04	2
17	5005363	RADIOTUBE PLATE	CC302700	1
18a	5002200	LOCK	PA201800-01	2
18b	5002129	KEY	PA201800-02	2
18c	5005364	PLATE	PD400610	2

Optional Door

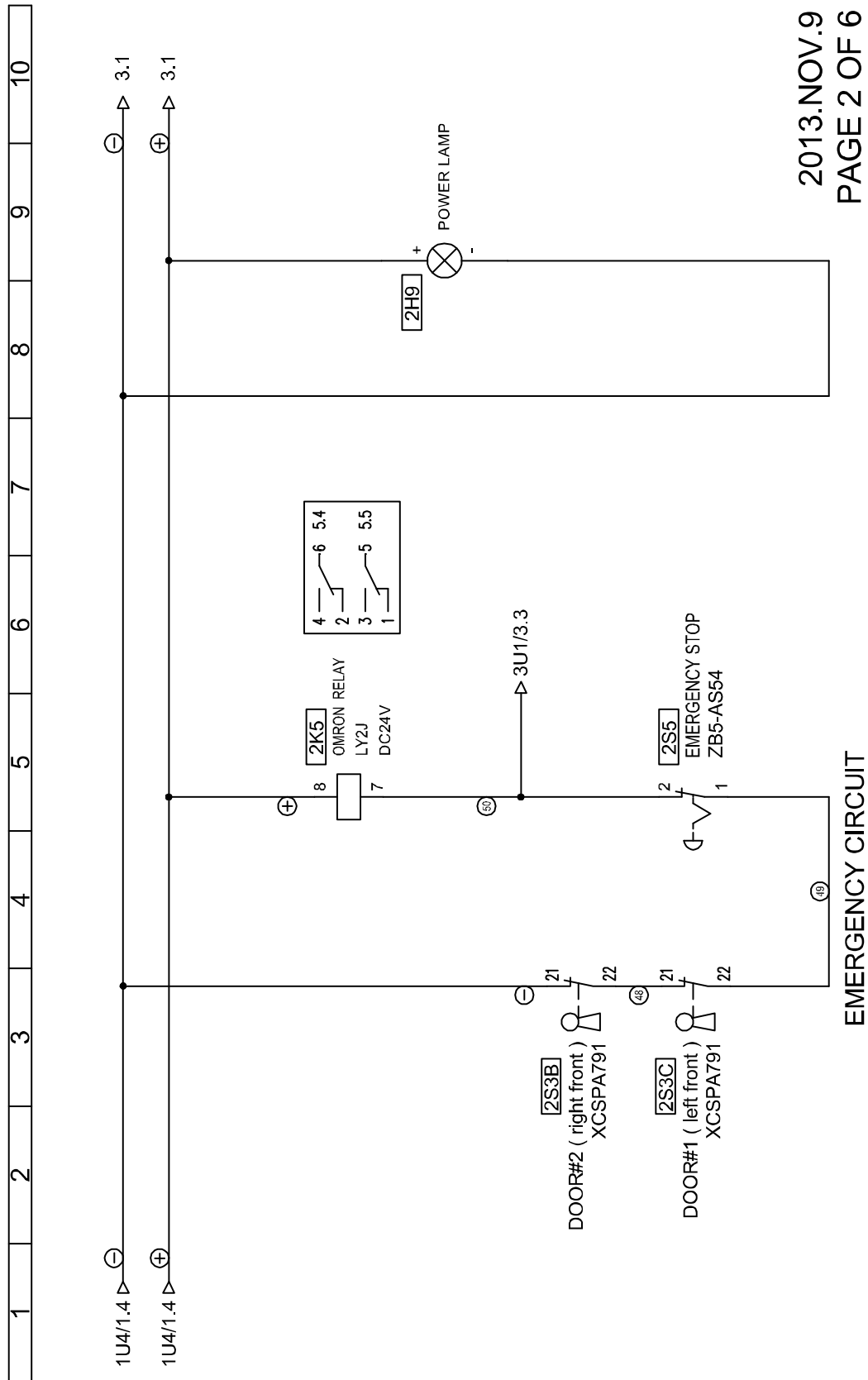


ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
1	5005365	INFEED/OUTFEED TABLE FRAME	CC430100	2
2	5001720	ROLLER ASSY.	CA400200	10
3	5005366	INDEXOR SEAT (L)	KA110878L0	1
4	5005367	INDEXOR SEAT (R)	KA110878R0	1
5	5005368	INDEXOR SEAT	KA11088200	1
6	5005369	BUSHING LFB-1010	31001012	2
7	5005370	INDEXOR SEAT SHAFT	CC301900	1
8a	5005371	U-SHAPE SLING BRACKET+SDB SHAFT M32	81070001	1
8b	5005372	BUFFER TUBE	KA3000800	1
8c	5001810	MINI CYLINDER	81010113	1
8d	5002145	ROD END PHS10 M10x1.25	81060001	1
9	5005375	DOOR SUPPORT	KA11087700	1
10	5005376	SAFETY SWITCH SEAT	KA11124000	2
11 & 12	5005154	SAFETY SWITCH XCSPA791 (items 11&12a)	PB400400	2
11	5005264	SAFETY SWITCH	7365P002	2
12a	5005265	SAFETY SWITCH KEY	PB400400	2
12b	5005377	SPRING 0.5 X 6.2 X 17,8 (SUS)	PA202100	4
13	5005378	DOOR SUPPORT	KA11087600	1
14	5005379	SAFETY DOOR FRAME(R)	KA110879R0	1
15	5001865	EXTENDED SHAFT BUSH	CE301700	2
16	5005380	PHOTO EYE SENSOR SUPPORT (INNER)	KA1106780	1
17	5005381	PHOTO EYE SENSOR SUPPORT (OUTTER)	KA1106790	1
18	5005382	FIXED SUPPORTING SEAT	KA1106770	1
19	5005383	PLATE	KA1103770	16
20	5005384	ACRYLIC WINDOW PANEL	KA30018900	4
21	5005385	DOOR	KA11088100	2
22	5005386	SUPPORTING PLATE	KA11087400	1
23	5005387	SAFETY DOOR FRAME (L)	KA110879L0	2
24	5005388	ACRYLIC DOOR WINDOW PANEL	KA30018800	2
25	5005389	DOOR	KA11088000	2
26	5005390	DOOR HANDLE	CE400700	2

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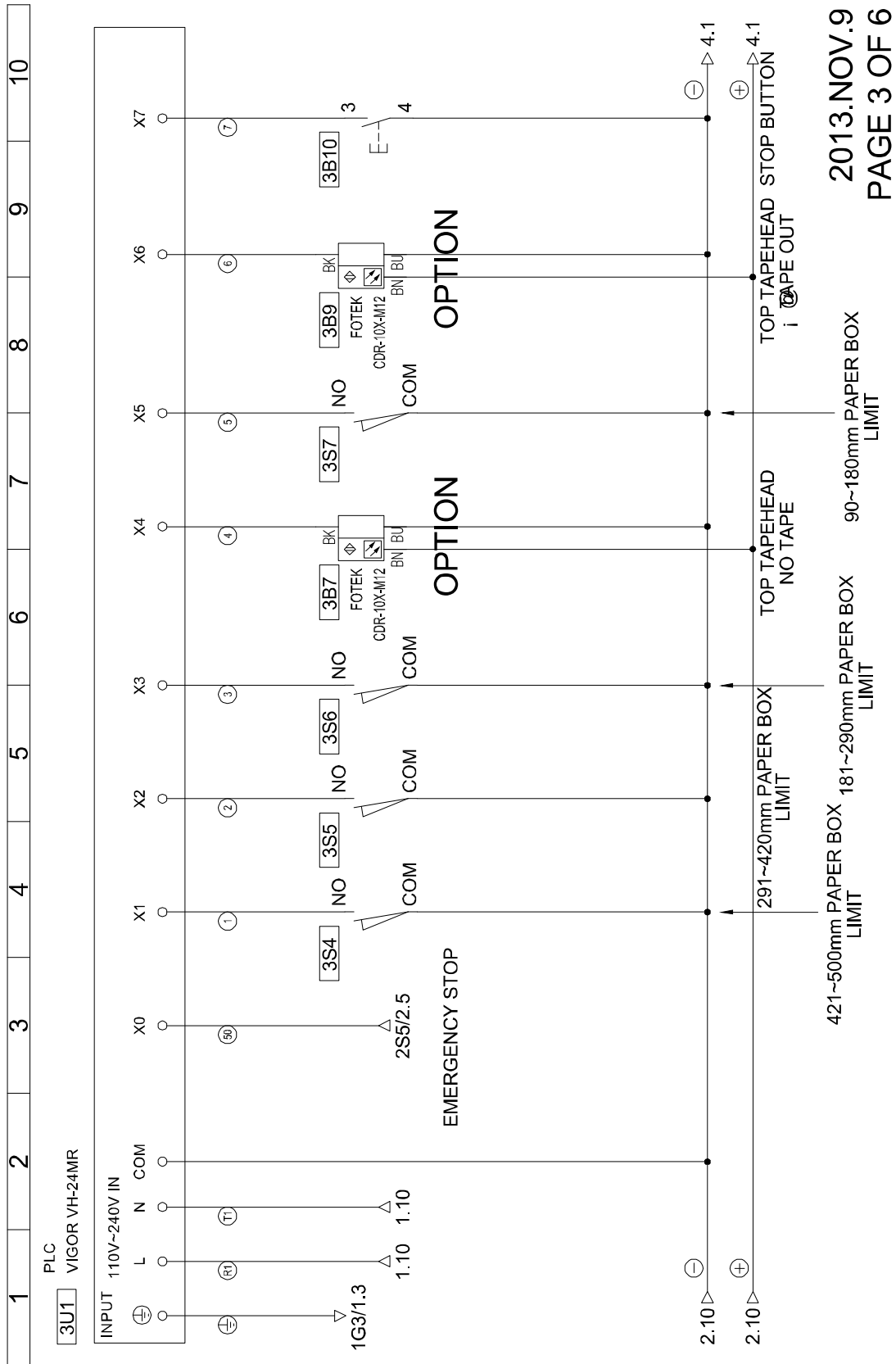
ITEM	PART NO.	DESCRIPTION	REFERENCE	Q'TY
27	5005391	HINGE (R)	PD400520	2
28	5005392	HINGE (L)	PD400520-L	2
29	5005393	MAGNET	CE401000	4
30	5001706-1	PHOTO EYE SENSOR	7360CD02	4
31	5005394	PHOTO EYE SENSOR SUPPORT (INNER)	KA11056010	1
32	5005395	PHOTO EYE SENSOR SUPPORT (OUTTER)	KA11056110	1
33	5005396	SUPPORTING FIXED SEAT	KA1106770	1
34	5005397	ALARM LIGHT SET	KA0000410	1
	5005398	ILLUMINATED units XVMC33 (Green) (option)	KA0200060	
	5005399	ILLUMINATED units XVMC34 (Red) (option)	KA0200060	
	5005400	ILLUMINATED units XVMC35 (Orange) (option)	KA0200070	
	5005401	BASE unit XVM-C29B (option)	KA0200080	
	5005402	Fixing bases XVM-Z02 (option)	KA0200090	
	5005403	LEDs LC1-EDBS5W/24V (option)	KA0200100	
	5005404	ALARM LIGHT TOWER (option)	KA0000410	
35	5005405	ALARM LIGHT SEAT	KA11109100	1

Electrical Schematic Continued

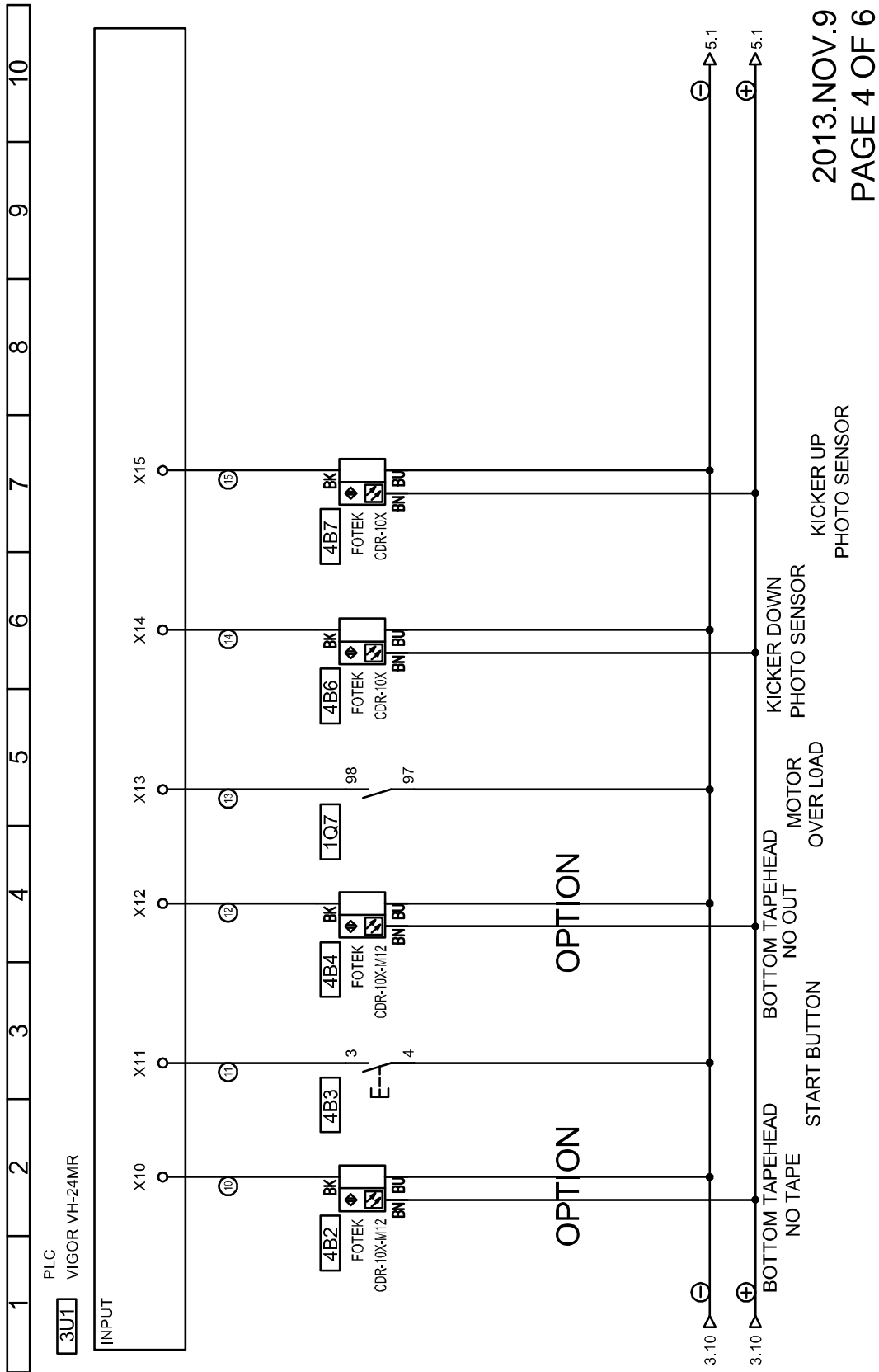


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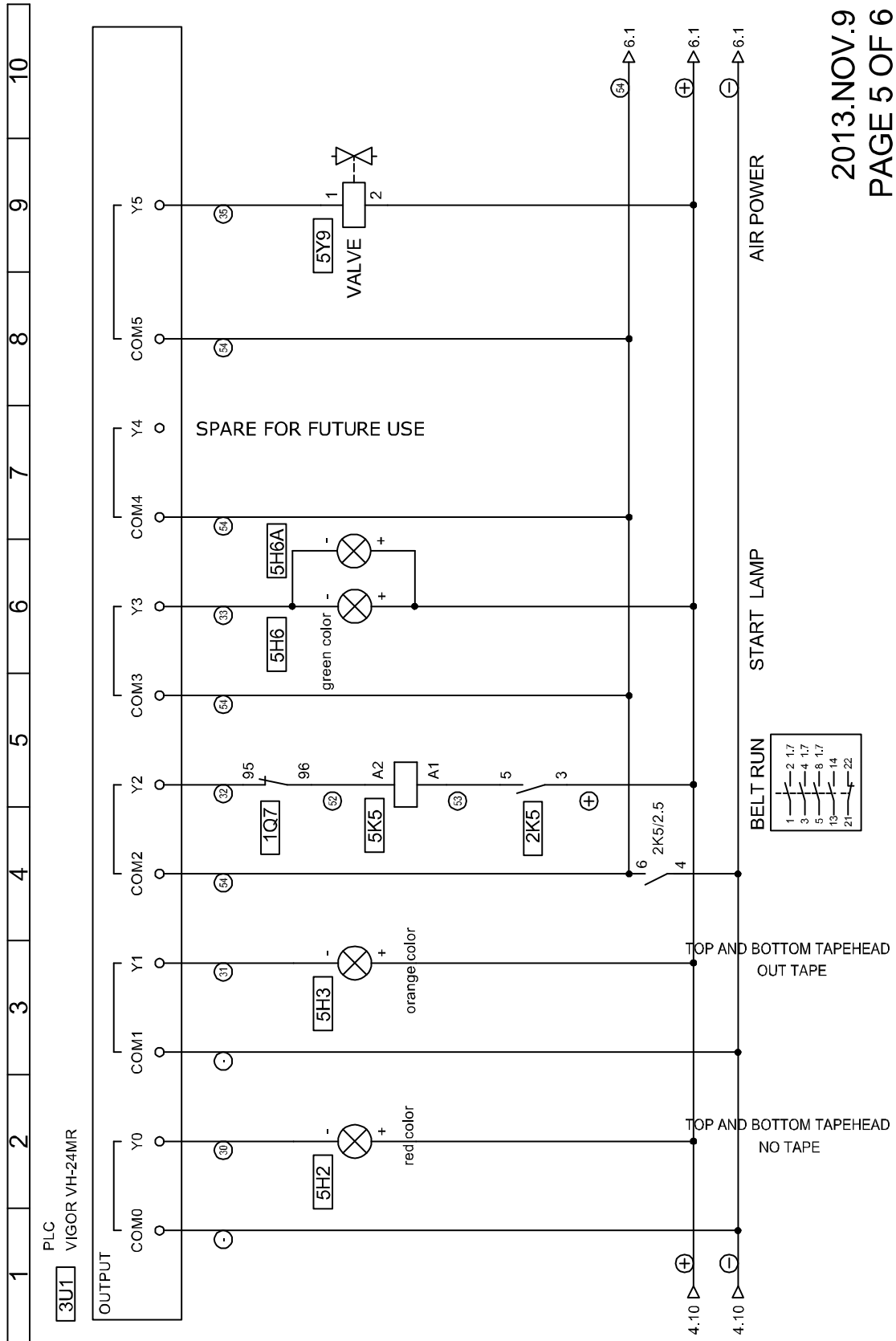
Electrical Schematic Continued



Electrical Schematic Continued

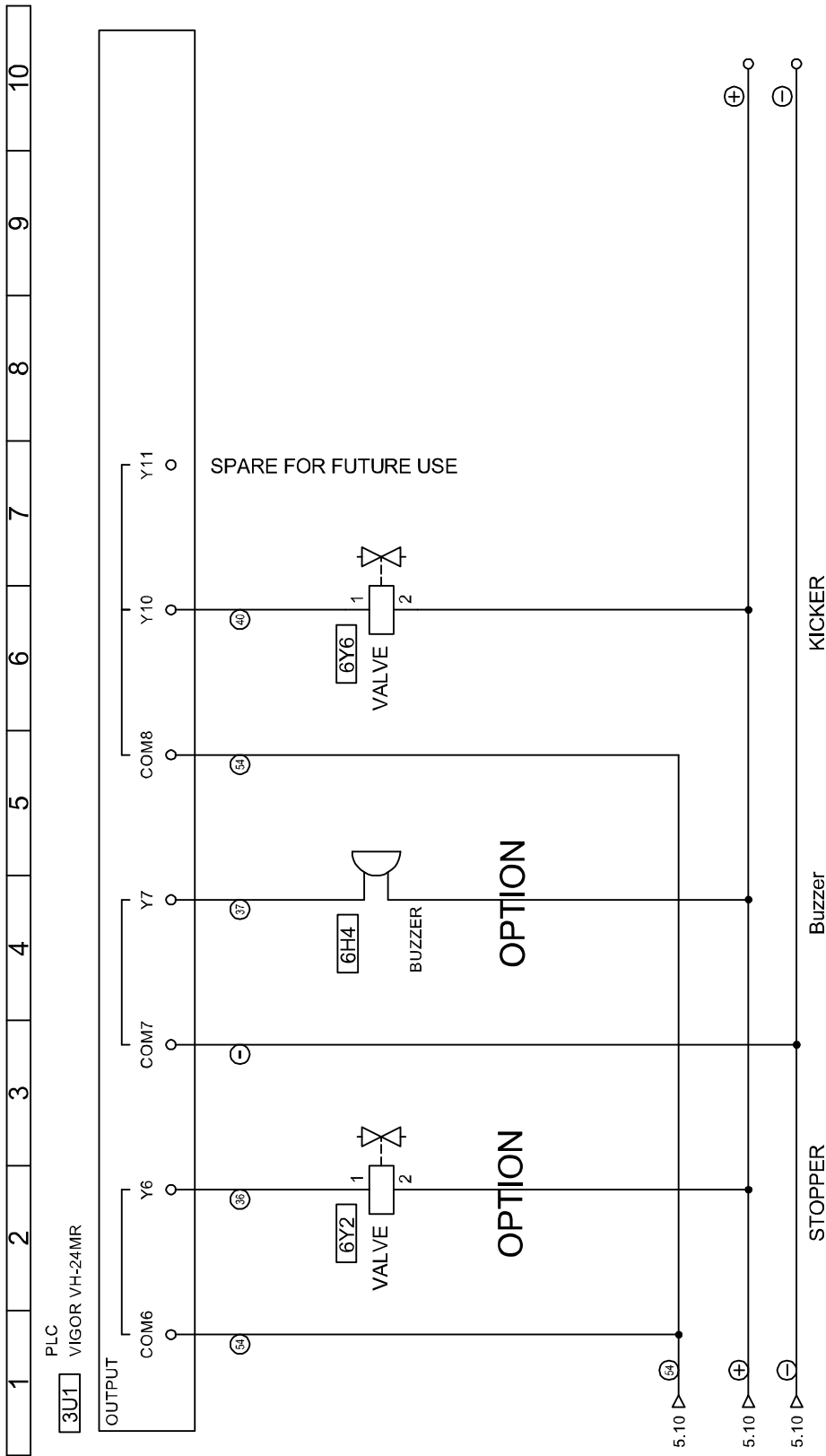


Electrical Schematic Continued



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Electrical Schematic Continued



Warranty Statement

SB-2/3EX-Automatic Case Taper

Warranty Statement

Eastey warrants that all of the products it ships will be in good working order and free from defects in material and workmanship and will conform to the published specifications for that product.

Warranty Period

Drive motor(s): 1 year

Gear reducer: 1 year

Tapehead: 1 year (Except for moving parts which are subject to normal wear, tear and replacement which are warranted to be free from defects in material and workmanship.)

All other parts: 1 year (Except for moving parts which are subject to normal wear, tear and replacement which are warranted to be free from defects in material and workmanship.)

Taping Quality

Taping quality achieved in a given application is dependent on the installation, the material handling, and the maintenance provided. Eastey makes no warranty that the print quality achieved in an application will be the same as that achieved on a test piece in our laboratory.

Shipping Policy

Customer pays all incoming shipping. If the item is defective and under warranty, Eastey pays return shipping charges for least costly method. If expedited shipping is desired, customer must furnish his shipping account and shipping fees will be charged to that account.

Warranty Verification

If you conclude that a product may be defective and may be covered by warranty, obtain a Return Material Authorization number by calling our technical support number (toll free at 1-800-835-9344, or 763-428-4846 or Fax 763-795-8867 or e-mail info@eastey.com). Once an RMA number has been obtained, return the defective item to Eastey. Eastey will analyze the product and, if found to be defective, we will, at our option, replace or repair the item. If the item is found to not be eligible for warranty, you will be notified and may decide on disposition. Defective products will be replaced or repaired as promptly as possible.

Warranty Eligibility

The warranty provided by Eastey is only to the original buyer.

Limited Warranty

THE ABOVE WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.

Disclaimer of Damages

REGARDLESS OF WHETHER ANY REMEDY SET FORTH HEREIN FAILS OF ITS ESSENTIAL PURPOSE, IN NO EVENT WILL EASTEY BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, INDIRECT OR SIMILAR DAMAGES, INCLUDING LOST PROFIT OR LOST OPPORTUNITIES OF ANY TYPE ARISING OUT OF THE USE OR INABILITY TO USE THESE PRODUCTS EVEN IF EASTEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Customer Support

Eastey Technical Service

For help setting up or operating the SB-2/3EX-AUTO Automatic Case Taper, please contact Eastey Technical Service at one of the numbers listed below.

Toll-Free Phone	800-835-9344
Phone	763-428-4846
Fax	763-795-8867
E-mail	info@eastey.com
Web	www.eastey.com

Thanks again for your purchase of Eastey products. We are pleased to be a part of your packaging needs.



EASTEY®