

*****PENK'CONVEYOR

INSTALLATION AND REPAIR MANUAL



6873 Martindale
Shawnee, Kansas 66218
Phone 913-441-4788 Fax 913-441-1711
www.jembaggingcales.com

INCLINE CONVEYOR

INSTALLATION INSTRUCTIONS

Positioning of the conveyor

- Install the conveyor with higher end towards the discharge end of the line. The conveyor will travel from the operator's right to the operator's left.

Installing Electrical Supply

- The units have been supplied for either 110 volt/single phase, 220 volt/single phase, 220 volt/3 phase, 380 volt/3 phase, or 460 volt/3 phase power. The voltage for which the unit has been wired is shown on the specification sheet and marked on the motors. Be sure that the input voltage matches the voltage requirement of the equipment.

SET-UP AND OPERATION

Pre-operation Checks

- Apply electrical power to the unit.
- Turn the on/off switch located on the control box to the "on" position.
- The conveyor should now be running from the operators right to their left.
- If the conveyor is running in the opposite direction, and the unit has been supplied for 3 phase electricity, remove the electrical power from the unit. Swap any two legs of the incoming 3-phase power. Re-apply the electrical power to the unit, and the conveyor will run in the opposite direction.

MAINTENANCE

- Inject general purpose grease every 200 hours of operation, into the grease fittings of the 2 bolt flange mount bearings on the head pulley and the two take-up bearings on the tail pulley. 1 to 2 pumps from a grease gun is all that is required. **DO NOT OVERGREASE.** This will cause premature bearing failure.

NOTE: The bearings and gear box have been lubricated at the factory prior to shipment. However, in transit, occasionally lubrication has been lost. Check carefully for any signs of loss of oil in the first hours of operation. (Do not use equipment if in low oil condition).

TROUBLE SHOOTING

Belt Not Tracking

- Adjustments are on the tail end of the conveyor through adjustable bearings. If the belt is tracking to the top side of the conveyor, tighten the bearing on the top side. Check the alignment of the conveyor belt closely when first installed as belt mis-tracking can occur during transportation. The tightness of the belt should be set so that the operator could pull up from the center of the belt 2" to 4" (50 to 100 cm) easily by hand.
- Conveyor is not planed and leveled.

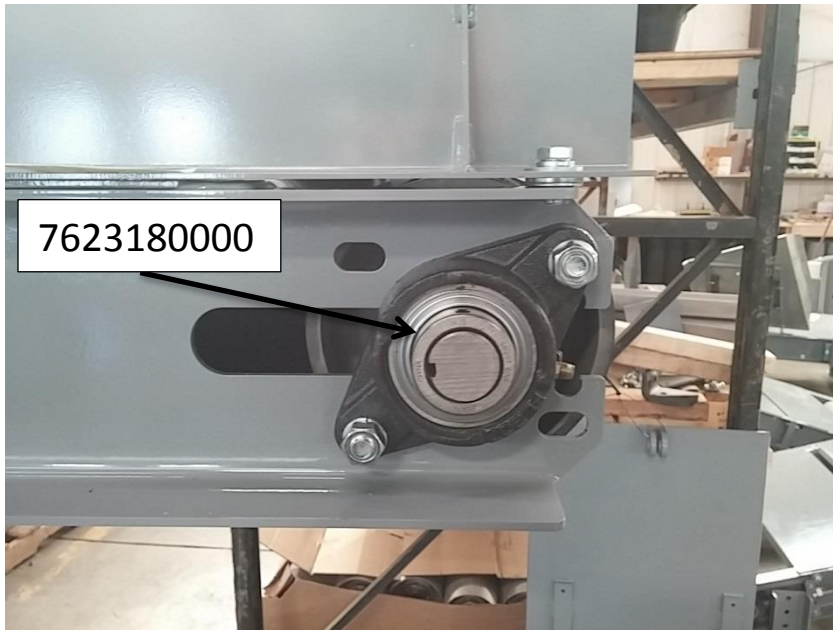
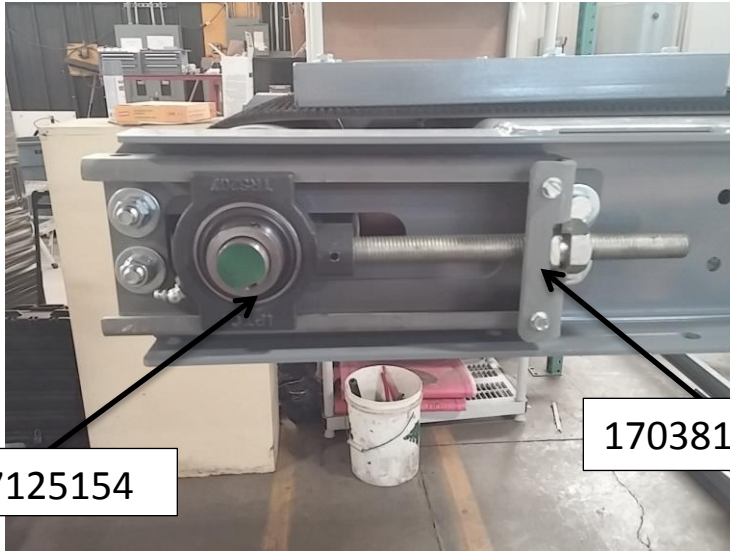
Conveyor running too fast or too slow:

The current gear box and motor combination may not be right for your application. If you need a slower speed, a gear box with a ratio of 40:1 may work better for you than a ratio of 30:1. Or, if your application requires a faster conveyor speed, a lower ratio might work best.

Unit does not function when turned to "on" position

- Check the AC Power Supply. Is the circuit breaker turned on?
- Check for loose wire connections.
- If the unit still fails to function, call JEM International at (913) 441-4788.

PART #	DESCRIPTION
0012110125	Motor - 1.5 HP
1760262311	Head Pulley
1760262320	Tail Pulley
3600350000	Enclosure
3700010002	Conveyor end rail 2 ft slider bed
3700010004	Rails 4 ft head & tail
3700010006	Plate reinforcement SS
3700080002	Motor Plate Incline
3700090002	Rollover Plate
3700090012	Leg, set, tall 10' incline
3700100000	Conveyor Main Body
3700560441	Connector Body
3700600008	Gear Box
3800110000	Belting - 24" 2 Ply Blk Roughtop
3800110020	Belting V cleat
5022750004	Belt Lacing, 36" SS
17038110	Take up Frame
17125154	Take up Bearing
7623180000	Bearing - Head Pulley
17GV2ME08	Starter, MMP 2.5-4 amps
17LC1D09F7	Contactore TE 110 V Coil 9A 1 NO
17SDS114	Bushing SDS 1-1/4"





Drive
3700619960

Speed control
adjustment

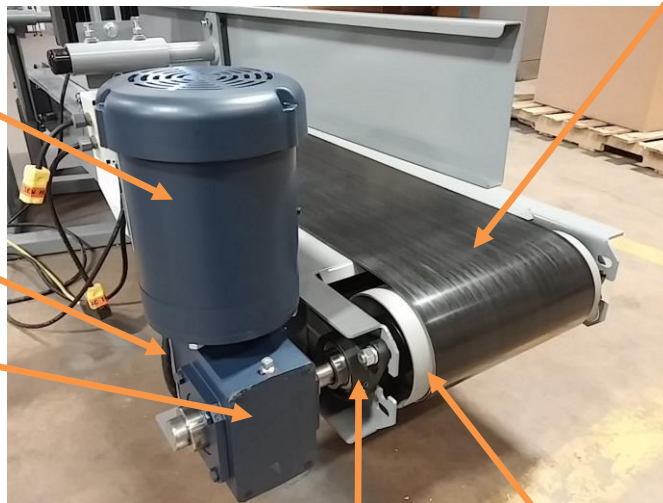
Start stop switch

110 plug for portable
sewing head

Motor
0012110125

Gear box bracket
12PBC013A

Gear box
3700600008



Belt
3800030002

Bearing
7623180000

Head Pulley
1760262311