



PAX PRODUCTS, INC

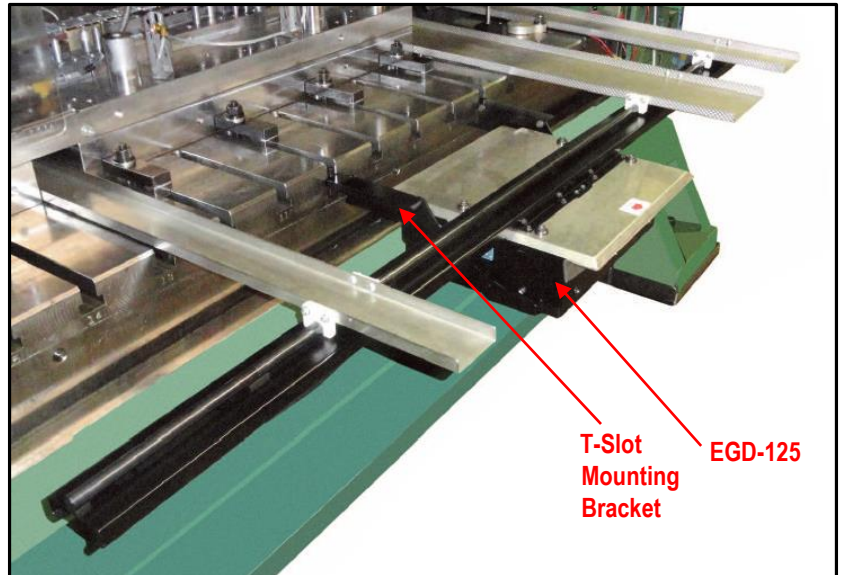
EGD-125 Oscillating Conveyor

Patented

System Features:

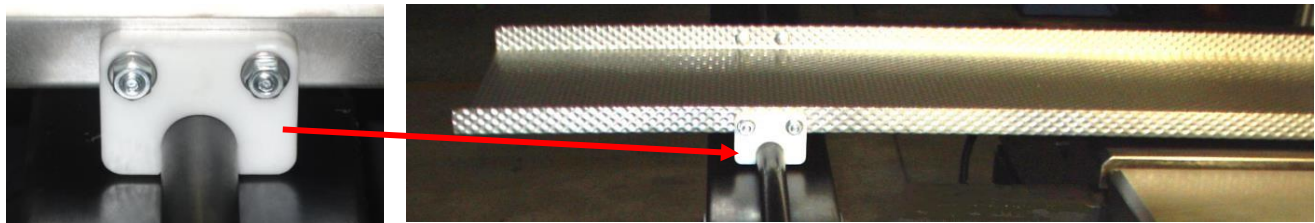
The Pax EGD conveyor is an electrically driven, oscillating type conveyor that utilizes an elliptical gear drive (EGD) to produce a reciprocating motion to convey parts and scrap out of the press area. Utilizing driven elliptical gears in a sealed oil bath provides an extremely reliable, high torque design that has:

- ☆ Robust, Elliptical Geared Drive
- ☆ No Air consumption
- ☆ Simple Tray Attachment
- ☆ No Springs or Free Clearance



System Specifications:

Standard Tray Attachment:



Tray brackets simply snap in place over the round portion of the cross bar without use of tools. The machined, acetal brackets bolt to the side of the conveyor tray and are able to rotate on the cross bar in the event that the tray needs to run on a slight angle.

EGD-125 Conveyor Electrical Specifications:

Standard Input Voltage ----120 VAC, Single Phase, 60HZ (Contact Pax for alternate voltages).
 Control -----Variable Frequency Drive (VFD) is utilized to start and stop the conveyor.
 Motor Type: -----3/8 hp AC, Gear motor (240V-3 phase supplied to motor from VFD)
 Electrical Connection: ----VFD unit has a 12' cord that quick connects to the conveyor. If the unit is arranged for an 120VAC, Single Phase, 60 HZ input; the VFD unit will also have a 7' long cord with a 3-pronged plug for a power outlet.

EGD-125 Conveyor Mechanical Specifications:

Cross Bar Length: -----Standard Lengths are 24" to 120" in 6" increments.
 Max. Total Tray Weight: --125 pounds.
 Max. Part/Scrap Weight: --250 lbs (not including Trays)
 Drive Unit Dimensions: ---7" High x 20" Wide x 15" Deep
 Weight of Drive Unit:-----95 pounds (not including cross bar, options, or packaging)
 Conveying Speed: -----Conveyor operates at approximately 100 cycles per minute.
 Resulting conveying speed may be up to 25 feet per minute depending on the type of part being conveyed and the type and cleanliness of the tray.

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EGD-125 Reference Sketch:

Note: The below sketch and picture are for reference only and are provided to explain the design concepts of this conveyor. The actual conveyor construction varies from what is depicted in the sketch.

