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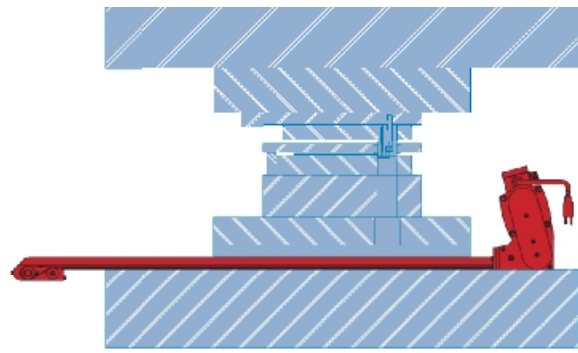
LOCAL REPRESENTATIVE:



A Conveyor Designed for Stamping

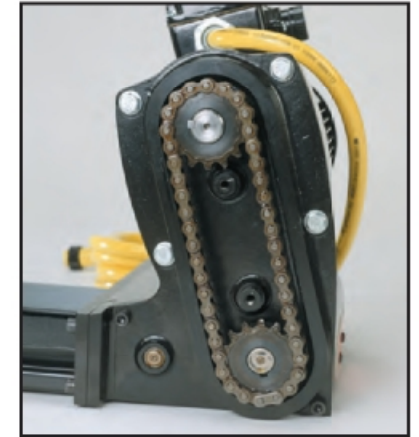
Are you having problems with conveyors that can't survive in the stamping environment ... that don't fit your under-die applications ... that require frequent maintenance and repair? So were we! That's why we designed the Pax Low Profile Conveyor. It's specifically designed for on-bolster, under-die part and scrap removal.

The Pax Conveyor was developed in our own stamping facility. It is designed to survive in the harsh metal stamping environment. Experience has shown very little downtime due to typical belt problems such as separating, cutting, fraying or breaking.



The Pax Low Profile Conveyor requires only 2-1/2" clearance between die and bolster.

The motor end of the conveyor is designed to set on the bolster, inside the bed area of the press. This eliminates the need for extra guarding and does not interfere with existing guarding.



The drive train consists of a heavy-duty, totally enclosed, fan cooled drive motor with a spur gear reducer and roller chain drive. The cast aluminum end assembly is an integral part of the chain drive housing, pulley support and motor mount.



U.S. Patents: 5,904,240
6,186,318

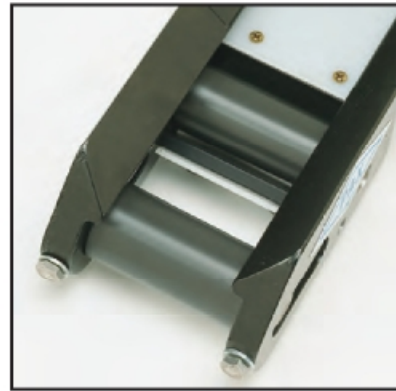
Light weight, modular design utilizes a formed steel tray that is a minimal cost component to replace should damage occur. Length of the conveyor can be changed simply by replacing the steel tray, belt and polyethylene strip.

The conveyor is designed for quick set-up. Just place the conveyor under the die and connect one electrical connector for 115 VAC power, and connect the sensor lead (when optional sensor is used).

All pulleys are hard anodized, with hardened steel shafts. A large drive pulley insures good driving friction and low belt tension under all conditions. Sealed needle bearings are used on all pulleys, and a grease fitting is supplied at each end of the pulley so that the bearings may be flushed of any contaminated grease or lubricant.



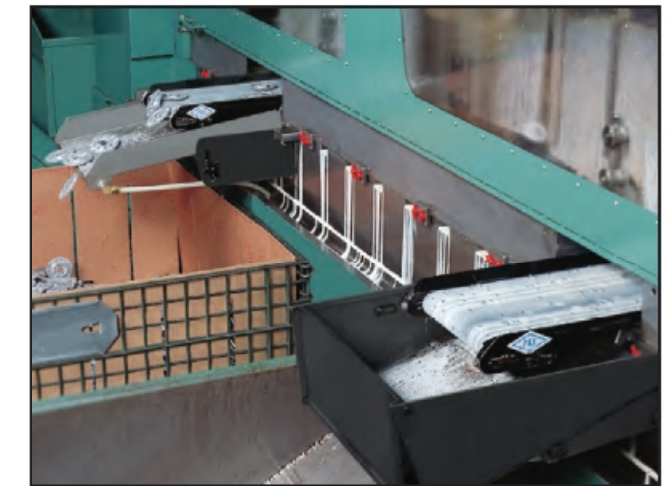
A Conveyor Designed for Stamping



Heat treated aluminum castings are utilized, where possible, for heavy duty, rugged support, long life and reduced weight.

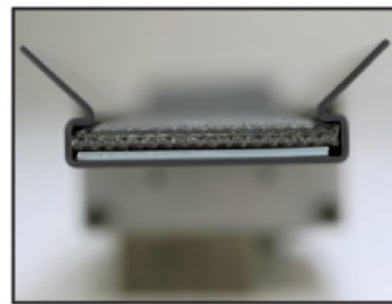


A rugged, woven polyester PVC belt rides on a strip of high density polyethylene to reduce wear and friction. This structure exhibits excellent wear life and is well-suited to the hostile stamping environment, especially where in-die lubricants are present. Stretching, swelling, fraying and separating are greatly reduced. The belt is connected with stainless steel lacing and pin, and the belt can be changed in less than five minutes. It can also be reversed to extend belt life. Adjustments are minimal and easy to accomplish.



Once installed under the die, there is only 3/8" from the bolster to the top of the belt. This extremely low profile allows plenty of clearance for parts and scrap as they drop through

the die and onto the belt. Belt edges are covered by flared sides of the pan, preventing scrap from working under the belt and assisting with guiding material onto the belt.



Specifications and Dimensions

Model Number Example:

Width (04 = Four-Inch Conveyor Width)

Length (06 = Six-Foot Exposed Belt Length)

A 04 06 - S L 040

Belt Speed (029 = 29 F.P.M.) (059 = 59 F.P.M.)
 (034 = 34 F.P.M.) (069 = 69 F.P.M.)
 (040 = 40 F.P.M.*) (080 = 80 F.P.M.)
 (046 = 46 F.P.M.) (092 = 92 F.P.M.)
 (054 = 54 F.P.M.) (108 = 108 F.P.M.)

- Type** (A = Top Drive*)
 (B = Inverted Drive, Belt Driven Towards Motor)
 (C = Inverted Drive, Belt Driven Away From Motor)
 (D = Special)
 (E = Right Angle Drive, Belt Driven Towards Motor)
 (F = Right Angle Drive, Belt Driven Away From Motor)
 (G = Extended Top Drive, Belt Driven Towards Motor)
 (H = Extended Top Drive, Belt Driven Away From Motor)

Stopped Belt Sensor (S = Sensor)
 (N = No Sensor*)

Drive Hand (L = Left-Hand Chain Drive*)
 (R = Right-Hand Chain Drive)

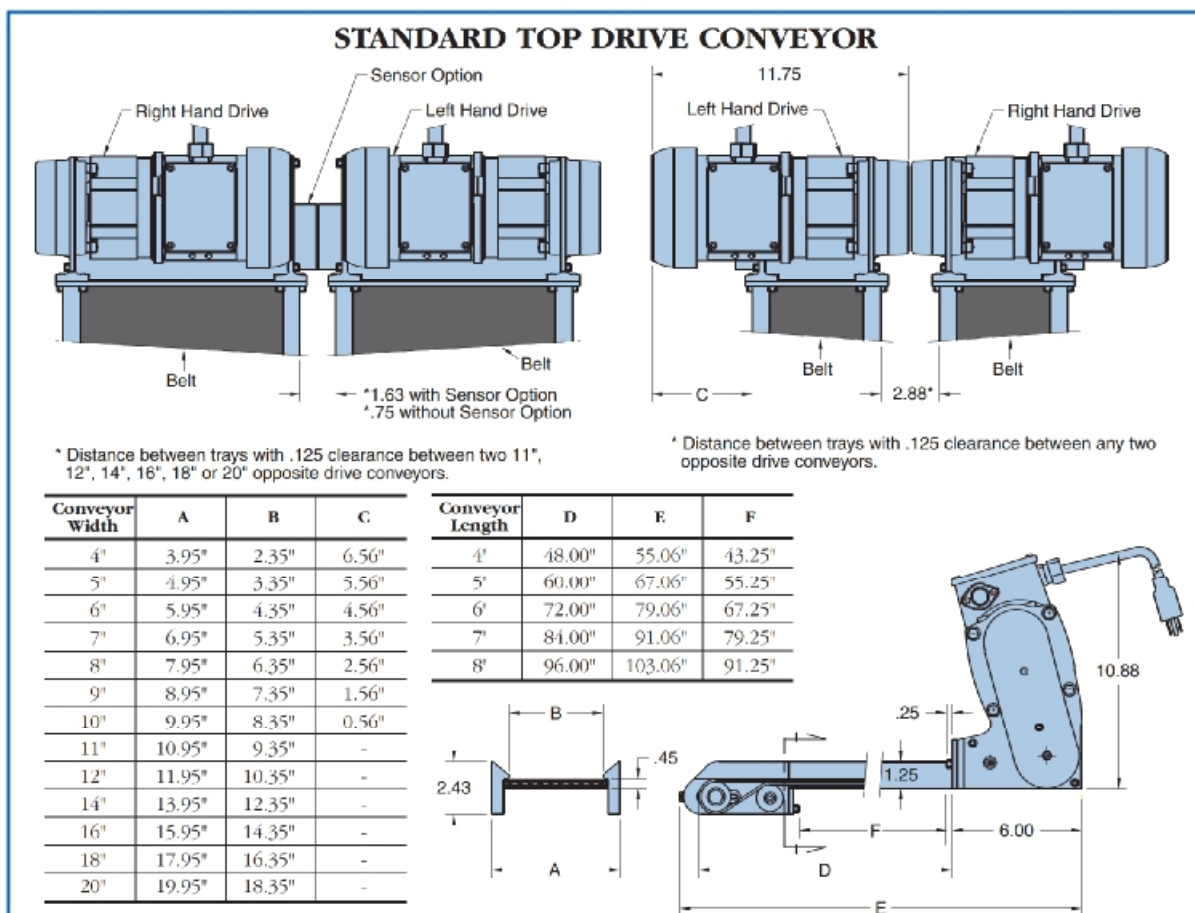
Note: Not all belt speeds are available for all conveyor models.

* Standard conveyor configuration

Conveyors are available with standard left-hand chain drive and motor assembly or an optional right-hand chain drive and motor.

Conveyors are provided in widths from 4 to 11 inches, in one-inch increments; and 12 to 20 inches in two-inch increments.

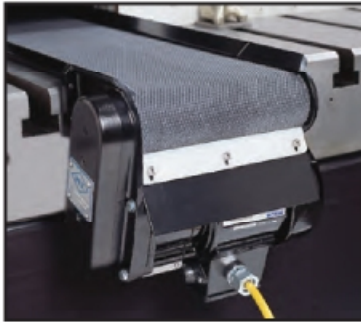
Standard lengths range from 4 feet to 8 feet, in one-foot increments, measured over the length of the exposed belt. (For configurations other than standard, please contact the factory.)



Note: For dimensions of Inverted, Right Angle and Extended Top Drive configurations, please request drawing from Pax Products, or go to www.paxproducts.com.

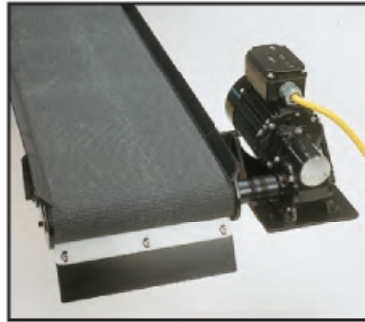
Optional Equipment

■ Inverted Drive



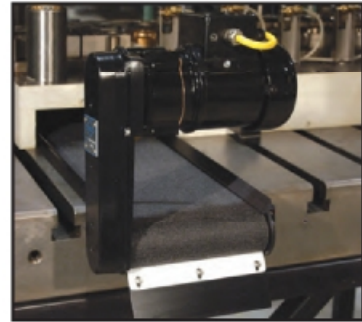
Shown With Wiper

■ Right Angle Drive



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■ Extended Top Drive



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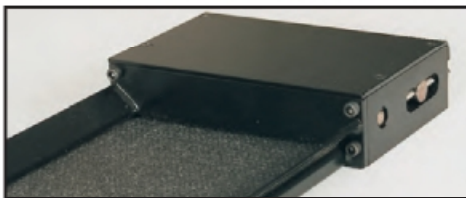
The OPTIONAL Inverted Drive, Right Angle Drive and Extended Top Drive may be required in applications where space limitations are present, and where there is a need to drive the belt toward the conveyor motor end. This configuration may also be arranged to move material away from the motor. Please specify before ordering.

■ Stopped Belt Sensor



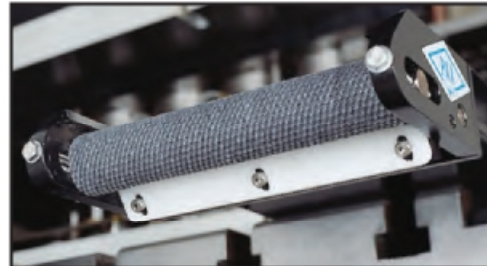
The OPTIONAL Stopped Belt Sensor is used in conjunction with the press control die protection circuit. The press control can stop the press when the signal it is receiving from the stopped belt sensor indicates that the belt has stopped. This prevents or minimizes any damage to your die or conveyor that would have been caused by a stopped belt.

■ Flush Mount Tension End



The OPTIONAL Flush Mount Tension End may be required in applications that do not allow the conveyor to be inserted completely through the die. It is also well suited for removing parts and scrap off the end of dies. This option requires the use of either an inverted, extended top or right angle drive (belt travel towards drive end), which includes the self-adjusting wiper. Overall height of the tension end is reduced to 2.00".

■ Wiper



The OPTIONAL Self-Adjusting Wiper may be required in applications where there is a possibility of small slugs adhering to the belt. The wiper greatly reduces the chance of small slugs entering between the belt and tray and causing additional problems. This option is available for both the tension end and drive end of the conveyor.

NOTE: *Wiper is standard when ordered with inverted, extended top or right angle drive/belt driven toward motor.*

■ Other Available Options

- 480/3 Phase Motor
- Variable Speed Motor & Control Box
- Adjustable Support Stands
- Grease Gun
- Special Conveyor Lengths

