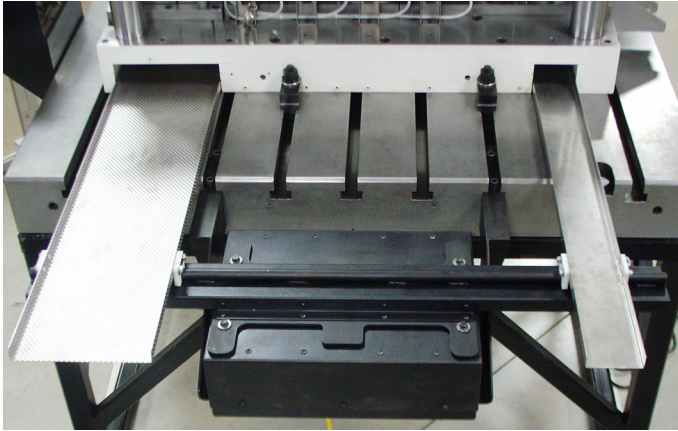# New Pax EGD Conveyor

New Pax EGD Conveyor designed for under die slug/part removal. This is an electrically driven, shaker type conveyor that can easily be moved from press to press. This conveyor

utilizes a patent pending elliptical gear drive that provides a combination of high durability and excellent conveying speed. The conveyor utilizes no air, is inexpensive to operate, and has no belts to wear out. It runs at a fixed speed of approximately 25 fpm with a dry tray. Its simple, flexible tray attachment bracket gives the trays the flexibility of being attached on an angle either slightly above or below the cross bar.

- Maximum Tray Weight is 75 lbs.
- It has a 48" Cross bar but it is available with a bar length up to 72" Multiple trays can be mounted anywhere across the length of the cross bar.
- It is attached to the bolster with the standard T-slot bracket but it can easily be configured for different mounting arrangements.
- The "engine" is 15" deep and 20" wide.

Dorner 2200 SERIES CONVEYORS: iDrive

Overview

iDrive merges advanced drive and control technologies with the compact design of the 2200 Series by integrating the motor, gearbox and motor controller into a single, space saving package. Dorner has literally redefined the application footprint for small product conveyors.

The ground breaking iDrive feature is ideal for a variety of packaging and industrial applications where space is tight or additional room is needed around the conveyor. Capable of widths as narrow as 3 inches and lengths as long as 12 feet with speeds up to 100 feet-per-minute.

iDrive Features & Benefits

- Internally mounted gear motor and control for space savings and tight work spaces
- Reduced integration time required to mount and wire the total conveyor package
- Ideal combination of conveyor and gear motor sizing for small parts handling
- Variable Speed and reversible for maximum application flexibility
- V-guided belts for maintenance-free belt tracking
- Maintenance-free brushless DC motor
- Rack and pinion belt tensioning for fast and accurate adjustments
- T-Slots for fast and simple mounting of automation components
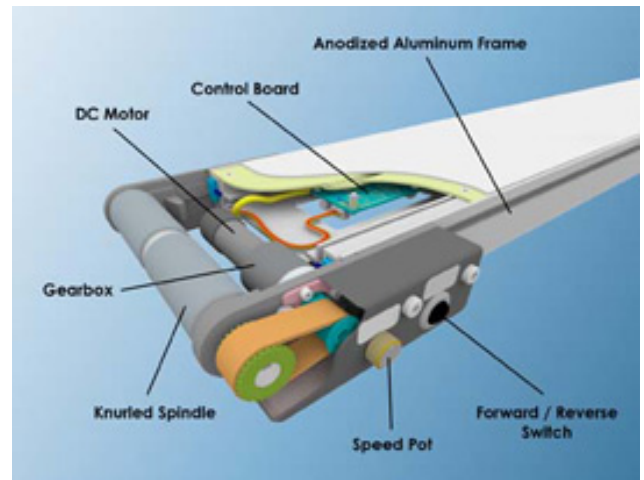
iDrive Conveyor Specifications

Conveyor Dimensions
- Width: 3" to 18"
- Length: 18" to 12 ft

Conveyor Speed
- Variable Speed
- (2) Speed Options: 7 to 70 FPM or 10 to 100 FPM

Conveyor Load Capacity
- 7 to 70 FPM—Up to 30 lbs. non-accumulated, distributed load
- 10 to 100 FPM—Up to 23 lbs. non-accumulated, distributed load

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NEWS

Try HTM Long Range Sensors And Get A FREE 5m Cable

HTM Sensors have three times the range of a standard proximity sensor. They stay out of the way, so they get hit less and last longer. New features include:

- Extended sensing range: M8: 3mm, M12: 6mm, M18: 12mm
- Output LED with 360° view
- Available with a Long or Short body
- Available in PNP and NPN, with a cable, or quick-connect

Get a FREE straight or angled quick-connect sensor cable with every purchase of a LONG Range sensor.

Part #	Description	Cable	Price
LCM1-0803P-ARU4 + CS	M8 with 3mm range	straight	$40.00
LCM1-0803P-ARU4 + CR	M8 with 3mm range	angled	$40.00

Part #	Description	Cable	Price
LCM1-1206P-ARU4 + CS	M12 with 6mm range	straight	$40.00
LCM1-1206P-AARU4 + CR	M12 with 8mm range	angled	$40.00

Part #	Description	Cable	Price
LCM1-1812P-ARU4 + CS	M18 with 6mm range	straight	$40.00
LCM1-1812P-AARU4 + CR	M18 with 8mm range	angled	$40.00

We stand behind the quality of our durable products. Each sensor has a CSA approval and a **Lifetime Warranty**. If our sensors don't last as long as your more expensive sensors, send them back within 30 days and get your money back.

Quick shipping is standard. See other PRI sensors under HTM at http://www.production-resources.com/press_automation_controls/die_protection_sensors.aspx.

Wintriss In-Plant Training

Are you maximizing the benefits of your Wintriss SmartPAC or DiPro 1500 system?

Training for your operators, set-up people, and tool makers can pay big dividends.

Train multiple employees consistently and cost effectively right at your facility.

- Meet your company's specific training requirements by customizing content.
- Address your company's most critical needs through interactive class discussions and team problem solving.
- Assure successful implementation through follow-up consultation with the instructor.
- Four-hour and all-day in-plant training sessions are available. Typical outline follows but each session can be customized to your individual company needs.

Typical Course Content

- Product capability overview
- Die protection types, applications, programming
- Die protection sensors, selecting, installing and testing
- Using the programmable limit switch
- Understanding the tonnage monitor and how to best use the information

Price starting at $800 depending on location.

Did You Know?

Getting The Most Out Of The Smartpac 2 Counters System

Many companies have made the decision to invest in Wintriss SmartPAC Automation Controls to help reduce expensive failures on presses. Unfortunately, many of the built-in features the controls have are under utilized.

The SmartPAC 2 Press Automation system has a very potent counter system that can be used to help eliminate the need to stop the press under normal batch runs. The SmartPAC counter program is made up of a stroke counter, good parts counter, three batch counters and a total hits counter. The stroke counter will increment

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NEWS

Did You Know—Continued from Page 2

each time the ram position passes a predetermined angle position. The good parts counter will increment each time the press strokes and the control does not register either a Die-Protection fault or a Tonnage Monitor fault (if installed). Both counters have presets that will top stop the press when the programmed count is reached. Batch Counters can be made to increment by the Stroke Counter or the Good Parts Counter. Unlike the Stroke and Goods Parts, the Batch counters have three programmable events that can occur when the preset is reached:

1. Top Stop Mode—the press will simply stop at the top of the stroke when the preset is reached.
2. Toggle Mode changes the state of a ProCamPAC relay output when preset is reached.
3. Pulse output mode will turn a relay on for a programmed amount of time up to 9999 msec.

The total hits counter keeps track of cumulative hits on an individual tool basis.

In a typical toggle batch output application, let's say we have a job that calls for 1,000 parts. Under normal circumstances the operator would program his good parts counter preset to 1,000 parts, the Batch counter would be programmed to 100 parts; after the 100 parts are made and the press will top stop, the full bin will need to be removed and an empty bin moved into position before the press can be put back into operation. Alternatively we'll use a batch output programmed to toggle a PLS cam to control a 2 way air solenoid valve. This acts as a part deflector and reduces unnecessary downtime caused by bin changes.When setting up the job the operator will place two empty bins at the exit end of the press. The part deflector is mounted on an exit chute or part out conveyor and directs the parts into an empty bin when the batch count preset is reached. The Cam relay toggles from its current off state to on, the solenoid valve energizes and the arm of the part deflector changes position and now guides the parts into a second empty bin. The press never needs to shut down and the operator or fork lift driver now has time to come and remove the full bin and replace it with an empty bin. After the next 100 strokes the relay toggles back to its original off state, the solenoid de-energizes and the parts are now directed to the replacement bin.

SmartPac2 Upgrade

Limited Time Offer

Honeywell Wintriss Controls and Production Resources are offering a special incentive for customers who upgrade to SmartPAC 2 from SmartPAC 1 or DiPro 1500.

Connect the SmartPAC 2 to your network and get the following benefits:

SmartView—View press status using Internet Explorer.

Displays current job status including parts counts, running time, time to completion, tonnage, and more. Use the following link and click on SmartView demo: http://hpsweb.honeywell.com/Cultures/en-US/Products/wintriss/automation/SmartPAC2automation/smartview.htm

Info Center—Move to a paperless shop and display all your setup data on the SmartPAC 2 screen. You can display setup sheets, part drawings, photographs, and even video clips. The following link will tell you more: http://hpsweb.honeywell.com/Cultures/en-US/Products/wintriss/automation/smartpac2automation/infocenter.htm

Text messaging—Send text messages from the SmartPAC 2 to pagers, cell phones, or email. You can alert maintenance to a machine problem or give advance notice that a die change is pending.

Call us for pricing: (800) 863-3164.

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NEWS

Introducing Shop Edge
Cost Effective ERP Software for Metal Stampers

Shop Edge ERP software can be configured to meet your exact needs. It's specifically designed for metal stampers or those companies with repetitive manufacturing processes. Inventory control and production scheduling form the core package and other modules are shown below.
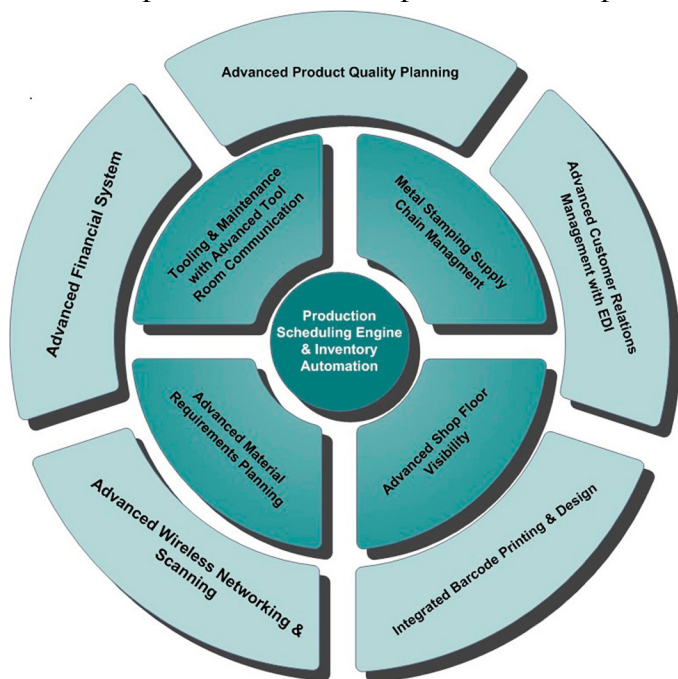
- Reduce excess inventory costs.
- Know how much you have and where your raw material, WIP and finished goods are at all times.
- Improve your scheduling.
- Respond quickly and accurately to changes in customer demand, material shortages, tooling and equipment problems.
- Purge expediting stress from your business.
- Eliminate multiple data sources for your decision making.
- Enjoy the benefits of one true/accurate source of information including full featured accounting.
- Own the software license—avoid exposing your company data on the internet.
- Implement in 30 days.

PRI
Application Engineers

Terry Bolser—Southern Ohio, Northwest Ohio, Central Kentucky
Steve Connolly—Northern Ohio
Phil Haskins—West Tennessee, Southern Kentucky, Mississippi
Chris Jones—Central and East Tennessee, Georgia, Alabama
Chris McKinnell—Mid-Atlantic States

Visit our website:
www.production-resources.com

FYI

Additional technical information is available at no charge on our website: www.production-resources.com. Just click on "OSHA/Safety" or "Tech Information."

Production Resources has Application Engineers available to help you at your facility. We can be reached at:

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