

- Power Presses
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Production Resources January 2019 News

Prime Controls Double Sheet Detection

Double Sheet Detection is an important part of quality control to prevent two or more sheets of metal from entering into a process at one time. Failure to detect double sheets of metal or improper thickness can damage tools and dies, resulting in costly repairs and downtime. Prime Controls systems are created by combining a control and single or dual probes, depending on the application and need.

Steel double sheet detectors use a single probe that will measure a wide range of thickness for steel and other ferrous metals. Typically used for sheet feeders, robots, and destackers in automotive, appliance, and canmaking industries.

All metal detectors are paired with two non contact double sheet probes that can measure a wide range of thickness for all metals. These control systems detect double sheet conditions when metal is able to pass between the two sensors.

Aluminum detectors are paired with a single non contacting double sheet sensor. The system can detect a wider range of aluminum thickness and other non-ferrous metals.

Prime also offers part detectors to detect accurate positioning, presence, or absence of very small parts.



New Customer Service Staff at PRI

Becky Parkey is leaving us after 16 years and we wish her well while she enjoys time with her new grandchild.

Isabel Moran has joined us in the customer service role.
isabel@pri-mailbox.com

Jake Jones has been assisting Becky for several months and will stay on in a customer and product support role. Some of you have likely talked with Jake.
jake@pri-mailbox.com.

Isabel and Jake can be reached at 615-371-3888 or 800-863-3164

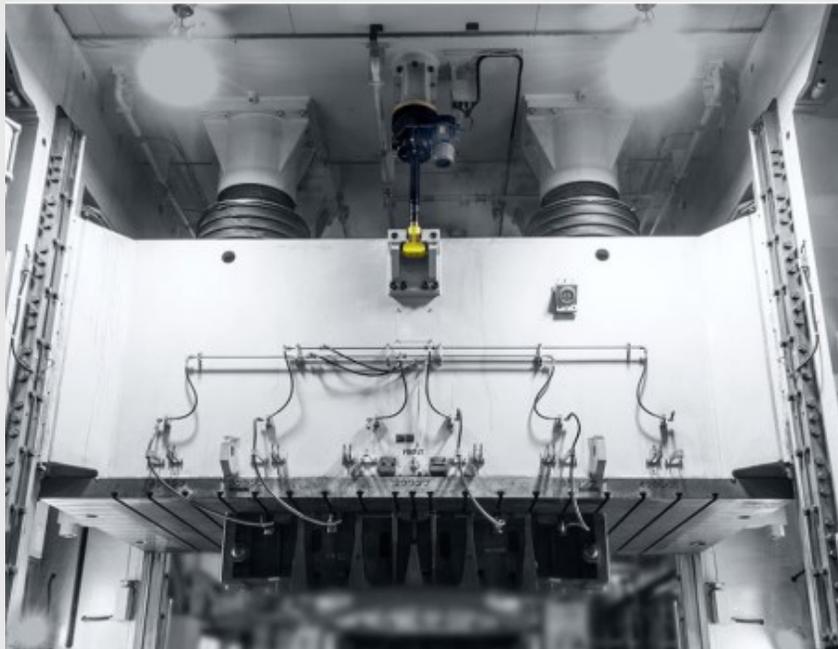
Slide Locks an Alternative to Die Safety Blocks

The traditional practice for protecting metal press stamping operators that have to enter the area between the upper and lower die plates of the press, is to use die blocks. This is a cost-effective way to keep operators safe and comply with OSHA regulations but it is also time consuming, cumbersome, and may be physically demanding. Proper placement of safety blocks and available space is often a problem. Proper height adjustment can be challenging as well. Accordingly, operators often resist using them.

The **Pascal Slide Lock System (SLA)** is an electric slide fall protection system which eliminates the risk of physical injury, accident, or damage to the tool. One of the most significant advantages of the SLA is that the operator can lock the press slide in **any position** between T.D.C. and B.D.C. Furthermore, this can be accomplished with the flick of a switch in a few seconds compared to several minutes to place die blocks.

Slide locks are expensive compared to the die block and retro-fitting requires some skill. Regardless, the cost of slide locks is easily justified, given the safety, ergonomic, and time saving benefits.

The **SLA** comes in 3 different sizes, **SLA32**, **SLA50**, and **SLA80**. **SLA80** can hold an 88 U.S. ton ram and upper die. The SLA32 can handle 35 U.S. tons and the SLA50 can handle 55 U.S. tons. A safety factor is already built into these numbers, so there is no need to add in any more.



New Enhanced Coe Press Equipment Warranty and In Stock Coil Processing Equipment

COE Press Equipment announced the enhancement of its existing 3-2-1 Warranty to an exclusive 5-4-3 Warranty. This new warranty provides five-year limited coverage on components manufactured by COE; four-year limited coverage on mechanical components installed by COE; and three-year coverage on the complete system.

In recent years, COE has made a strategic move toward modular products based upon standard designs. This change has reduced the number of components required, reducing the number of welds and streamlining assembly. This has enabled the company to increase the reliability and simplify the maintenance of the coil processing equipment, as well as accommodating reconfiguration as a customer's need changes.

In Stock Feeding and Coil Processing Equipment

Servo Feeds:

CPRF-S106.....4 in stock

CPRF-S112.....2 in stock with a hold on one

CPRF-S212.....2 in stock

CPRF-S218.....1 now, two more in 25 days

CPRF-S324.....1 in 25 days

Powered Straighteners:

CPPS-250-12.....1 in stock

CPPS-250-18.....1 in 20 days

CPPS-350-36.....in stock...special flat top cabinet

Coil Reels:

CPR-PO-040121 in 7 days

CPR-PO-06018.....1 in 20 days

Call or email Isabel or Jake for more information:
(615) 371-3888 or jake@pri-mailbox.com

MPI Magnetic Conveyors and Sheet Fanners



MPI sheet fanner/separators



MPI mag belt conveyor



beltless slider bed



Electric shaker conveyor

PRI Equipment and Technical Information

Production Resources offers a wide variety of Automation, Safety, and Conveying Equipment. Visit our website www.production-resources.com to learn more.

Our Application Engineers can help you select and implement the right equipment to increase your productivity safely!

Please take advantage of the information on our <http://www.production-resources.com/technicalresourcesandreferenceguides/>

Call Isabel or Jake for more information: (615)371-3888
or email jake@pri-mailbox.com