proven productivity

CLAMP SOLUTIONS

superior support
Benefits - Series GRM
- 3 sizes, 13 jaw styles
- Modular-designed tips
- 5 million trouble-free cycles
- Fully field-repairable
- Easy mounting Panel Present Detection communicates when a panel is present
- Optional Double Sheet Detection prevents multiple panels from entering the press
- Many accessories available

Benefits - Series PNC
- Provides cost effective solution for stamping identification characters into parts or metal
- High clamp force produces characters in draw quality steel at 70 psi [4.8 bar]
- Operates quietly in less than .24 seconds
- Many accessories available

Benefits - Series PFC
- Ideal for heavy parts clamping
- Rugged cam design provides consistent clamping force throughout a wide power window
- Wide jaw throat accommodates large parts with simple tooling
- Tooling surface has dowels and threads to North American Automotive Metric Standards NC blocks

Benefits - Series PS
- Pneumatic slide and clamp are powered with only one external valve
- Clamp jaws stay open until slide is fully extended
- Clamp can be spherically adjusted to match panel
- Uses standard Series GRM Clamps and accessories
- Clamp jaws remain closed if pressure is lost
Benefits
• Superior part holding
• Cam design provides widest range of high clamping force in its class
• Available in four bore sizes
• Multiple output shaft options for mounting arms on either or both sides
• Weld field immune switch option provides consistent position sensing

Series PEC
Superior part holding in assembly and welding environments

PA/PB/PC Swing Arm
Benefits
• Simple design, compact size, for low weight, long life, and high clamp force make these clamps ideal for part holding or transfer
• Series PA are available in five sizes
• Series PB are available in four sizes
• Series PC have tapered rod end for easy arm angle adjustment
• Available in left and right rotations

Series PA
Work holding in a welding environment

Series PB
Wide variety of automated part holding and transfer applications

Series PC
MRO drop-in replacement unit opportunity

PLK/PLKD Pin Locating
Benefits
• Enclosed finger protects against weld slag and contamination
• Short pin length ideal for blind applications
• 5 or 10 mm clamping strokes
• Available in four standard pin sizes
• NAAMS™ mounting
• Open or closed position sensing with industry standard AC or DC weld field immune switches
• Lightweight construction facilitates mounting on robots
• Series PLKD’s main pin retracts fully into part support

Series PLKD
Pin retracts below part support

Series PLK
Part clamping in weld areas

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The Clamp Division has been a part of PHD’s team since 1998. Our base product is the GRM Clamp which can be specialized in numerous ways, and that’s just the beginning. We have also designed products ranging from number stamping clamps to heavy and light part lifters. But what makes the Clamp Division unique is our commitment to providing the customer what they want, when they want it.

Every Clamp Division product has been proposed by a customer and carefully designed around their needs. By meeting with the customer, we are able to quickly provide prototypes and beta models the customer can test on-site. Clamp Division engineers keep in contact with the customer throughout the entire process, making adjustments to the actuators as needed. Using this consultive approach allows the Clamp Division to create a product ahead of the competition that has a great need in the industry. It’s proven success time and time again.