

AUTOMATIC POINTER & DRILLING MACHINE

We deliver products that exceed our customer's expectations. Our systems offer state-of-the-art solutions to the Aerospace and Commercial fastener industries. We continue to innovate with cutting edge designs that our customers rely on.

PCE's precision Automatic Pointer and Drilling Machines provide world-class technology to our customers. Our Automatic PDR 560 offers an innovative patent pending Unibody design that is simple to operate, fast and reliable featuring:

- Sheet metal guards and enclosures with easy access doors
- Improved safety features with programmable safety controller
- Hand wheel jog and adjustments for all axis
- Precision servo controlled spindle slide rapid travel
- Programmable servo controlled cutting feeds and speeds
- Programmable cutting and drilling modes including pecking
- Adjustable cutting head for different diameters w/standard inserts
- Programmable servo operated transfer system
- Common center servo controlled dual jaws clamping system
- LED IP69K internal work lights
- Allen Bradley PLC/Control, Rockwell Automation
- 10" PanelView™ plus7 Performance HMI
- High performance processor CompactLogix 5380
- OEE programmable calculation system capable
- Certified Load cell for clamping force
- Automatic lubrication system & adjustable unloading rail system
- 90 PSI spindle trough coolant system
- 21" diameter vibratory feeder bowl w/noise suppression enclosure



CAPACITY

Shank Diameter:

.100" to .563"

Overall Length:

.625" to 4.0"

RPM Range:

150 to 3,000

Cycle Time:

Up to 85 cycles per minute

Programmable clamping pressure and clamping / unclamping jaws position

AUTOMATIC POINTER & DRILLING MACHINE **PDR560**

SPECIFICATIONS

Hardware

Model: Automatic Pointer and Drilling Machine **PDR560**

Facilities

Power: 480V 60Hz 3 ph 30 AMP
Footprint: 48" x 78" x 70" (1219mm x 1981mm x 1778mm)
Weight: 5200 lbs (2358 kg)
Feeder: Vibratory feeder bowl 21" (533mm) diameter

Software

Display: 10" (254mm) Allen Bradley
PanelView™ plus 7 Performance graphic
Processors: High-performance CompactLogix 5380
Programming Skill Level: Technician or operator
Operating System: Rockwell Automation
Connection: Ethernet
Safety: Guardmaster Programmable Safety Controller

Options

Chip conveyor
ER collet drilling head



Pointer & Drilling Machine interior



10" PanelView™ plus7
Performance HMI



Automatic Pointer & Drilling
machines In-line

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