Metal Form Products

The PressMaster PM 1.5

Control-Reliable, Clutch / Brake Controller with Automation.

The cost-effective, compliance solution

The PressMaster PM 1.5 is a control-reliable clutch / brake system that uses state of the art technology to incorporate press automation features such as Die Protection, Programmable Cams, Tonnage Inputs, (strain gauges extra), Job Memory, Job Counters and a Time-Based Brake Monitor.
Featuring:

- Compact design.
- Compliant with the ANSI B-11 and the CSA Z 142-02.
- Dual, redundant microprocessor design.
- Supervisory key selectable “program” or “run” functions.
- Built-In time-based brake monitor with programmable “Warn” and “Fail” settings.
- Modes or operation include - Inch, Single, Continuous, Continuous Set & Auto-Trip.
- Hand or foot operation selectable.
- Direct inputs for two operator stations (expandable to four stations).
- Four programmable out-put cams.
- Two Additional user selectable outputs. “oil lube, grease lube hydraulic overload or cams.
- Twelve die protection inputs with eight modes of operation.
- Built-in tonnage monitoring (strain gauges and calibration extra).
- Eight analog inputs.
- Two analog outputs.
- Eight 120 vac inputs.
- Sixteen 24 vdc inputs.
- Five digit batch counter with “Pre-set, Current & Remainder” readouts.
- Seven-Digit Job Counter (does not count in inch mode).
- 500 die memory with six numeric digits.
- Bright, 13/4” x 3 3/8” Vacuum Fluorescent Display with plain English Diagnostics.
- Separate input messages for light curtains (front & rear), gate switches and ram blocks.
- Two internal displays for system diagnostics.
- TDC proximity switch kit and universal mounting bracket included
- Industrial grade resolver with 30’ shielded cable and an Amphenol connector assembly.
- Inputs for external safety devices.
- Din-Rail Mount or custom panel and installation services are available.
- Two Year Warranty