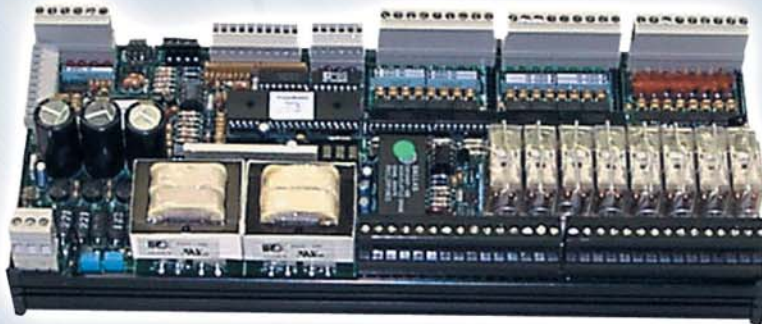


PRESS-MASTER 1.5



**Control Reliable
Clutch Brake
Controller with
Automation**



(CSA Z142-02,
ANSI, OSHA)
Compliant



Metal Form Products Co. Ltd

1734 Orangebrook Court, Unit 8

Pickering, ON L1W 3G8

CONTROL RELIABLE CONTROL BOARD



COMPACT



RELIABLE

Features

- Control Reliable Clutch Brake System with a Sixteen and an Eight-Bit Processor.
- Built in Time Based Brake Monitor with Warning Limit, Fail Limit, Motion and Drift Detection.
- Modes of Operation; Inch, Single, Continuous with Prior Action, and Auto Trip.
- Tonnage Monitor (Four Column Monitoring) with Individual and Total Readout (Strain Gauges Extra).
- Eight Analog Inputs, Two Analog Outputs.
- Eight 120 VAC Outputs.
- Sixteen 24 DC Inputs.
- Four Die Pro Inputs with Eight Modes of Operation.
- Four Output Programmable Cams.
- Two Selectable Outputs: Lube Control, Hydraulic Overload, Programmable Output Cam.
- 999 Job Memory with Six Digit Die Numbers.
- Counters: Batch Counter with Preset, Current and Remaining, Job Counter (does not count in Inch Mode).
- Supports Two T-stands with Anti Tie Down Circuitry.
- Matrix Operator Display 1" x 3".
- Two Internal Diagnostic Displays.
- Full Diagnostics with Last Stop Message.
- TWO YEAR WARRANTY
- THIRD PARTY CERTIFIED TO CSA Z142-02



Ordering Procedure

PRESSMASTER

PART #: PM 1.5 –

20 – C – 10 – NA – NA – AB30 – UB

Encoder Cable:

Specify the wire length required.
20' standard - 200' maximum

Mounting Style:

- P** Panel Mount
To be installed in existing Panel
- B** Box Mount
To be installed in Nema 12/13 enclosure
- C** Control Panel
To be a part of control

Main Motor Horse Power

Ram Motor Horse Power

Lube Motor Horse Power

Selector Type

- AB** Allan Bradley
- O** Other Specify
- 22** 22mm Selectors
- 30** 30mm Selectors

UB Up-Stroke Mute Module

Mutes Safety Lights from bottom of stroke to top

Compare the difference

	PM 1.5				PM 1.5		
Control Reliable	yes			Hydraulic Overload Control	yes		
Diverse Redundant Microprocessors	yes			Supports 2-T-Stands with Built in ATD	yes		
Diverse Redundant Inputs	yes			4 Post Tonnage Control	yes		
Eliminates the need for Safety Relays	yes			Batch Counter	yes		
Dual Channel Built-in Monitor	yes			Total Parts Count	yes		
Absolute Encoder with 8-bit Greyscale	yes			4 Programmable Die Protection Inputs with 8 Modes	yes		
Zero Encoder Offset	yes			Time Based Brake Monitor	yes		
Crank Position Checking	yes			999 Job Memory	yes		
8 120 VAC Inputs	yes			Programming Display	yes		
16 24 VDC Inputs	yes			Master Processor Diagnostic Display	yes		
8 Analog Inputs	yes			Slave Processor Diagnostic Display	yes		
2 Analog Outputs	yes			Last Stop Message	yes		
2 Safety Outputs	yes			Counterbalance Monitor	yes		
4 Programmable Output Cams	yes			Automatic Counterbalance	yes		
2 Selectable Outputs	yes			Third Party Certified to CSA Z142-02	yes		
2 Safety Light Inputs	yes			Meets CSA Z142-02, ANSI & OSHA code requirements	yes		
Ram Block Monitor	yes			Two Year Warranty	yes		
Gate Monitor	yes			Vari-Drive Top Stop Compensation	yes		
Lube Control	yes			Made in Canada	yes		



MUTE-OUT CONTROLLER

Safety Light Muting Interface for Press Brakes

DIE MASTER

Cost-effective Die Protection System with the power of a Programmable System without the need of programming



2 YEAR WARRANTY

Manufacturer warrants that this product will be free of defects in material and workmanship for a period of 2 years from the date of shipment thereof. Within the warranty period, manufacturer will repair or replace such products which are returned to it with shipping charges prepaid and which will be disclosed as defective upon examination by the manufacturer. This warranty will not apply to any product which will have been subject to misuse, negligence, accident restriction and use not in accordance with manufacturer's instructions or which will have been altered or repaired by persons other than the authorized agent or employees of the manufacturer.

DISTRIBUTED BY:

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