

- Easy Installation
- Touchscreen Setup
- Single Die Connection
- Die Monitor
- Sensor Inputs
- Screen
- Outputs
- Die Memory
- Strip Start-Up Mode
- Automatic Press Stop
- Test Press Stop
- Press & Die Data
- Quality Data
- Breakout Module Available



Protect your dies from costly crashes while you monitor your production at the same time - and use the same unit for multiple dies.

PULSE 2000

Penn United Logic System Electronics



An Employee Owned
Company

PENN UNITED TECHNOLOGY INC.

Where quality is a way of life.

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PULSE 2000:

The PULSE 2000 universal die monitor / control system provides flexible die control through a user-friendly touch screen display that adapts readily to most die configurations.

- Connects to die with a single cable
- Can store up to 20 die setups
- Utilizes a bottom stroke sensor in the die to maximize the amount of time the press has to stop in motion
- Records quality data that includes total press strokes and the number of die faults
- Setup screen allows assembly and maintenance personnel to monitor sensors and proper conditions
- **Test Press Stop Mode** runs a stop test on the press to verify stop in one cycle at speed
- Can be customized upon customer request
- Screens can be password protected to ensure setup security

SPECIFICATIONS:

Power Requirements: Standard 110VAC 15Amp Outlet

Press Control Circuit: Dual Held Closed Dry Contacts
· 120V 10A Rating

Number of Inputs: 13 Current Sinking @ 20-28VDC
· 8 Standard Response
· 4 High Speed
· 1 Bottom Of Stroke

Input Configurations: Fast and simple touchscreen setup
· Normally Open
· Normally Closed (standard misfeed)
· Double Thickness
· Missing Progression Detection
· Scrap Detection
· Conditional Misfeed

Fault Indication: Touchscreen will always return to monitor screen and display the appropriate fault.

Outputs: 3 Current Sinking @ 12-26VDC 4A Max.
· "On" while on bottom of stroke
· "On" while off bottom of stroke
· "Pulsed" while entering bottom of stroke
· "Pulsed" while exiting bottom of stroke
· "On" for complete stroke
· Fast and flexible touchscreen setup

Die Memory: Store up to 21 different jobs

Press and Die Data: Provide System Data
· Press Strokes
· Die Faults
· Strokes Per Minute