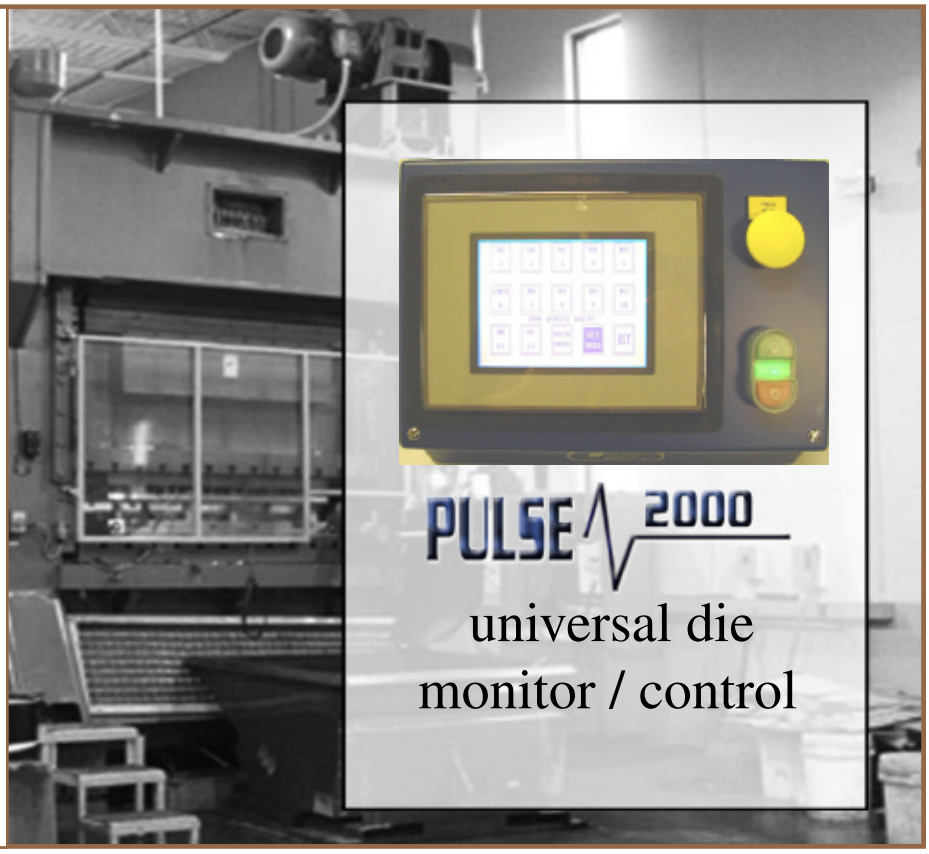
- Easy Installation
- Touchscreen Setup
- Single Die Connection
- Die Monitor
- Sensor Inputs Screen
- Outputs
- Die Memory
- Strip Start-Up Mode
- Automatic Press Stop
- Test Press Stop
- Press & Die Data
- Quality Data
- Breakout Module Available



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

*P*enn *U*nited *L*ogic *S*ystem *E*lectronics

An Employee Owned Company

PENN UNITED TECHNOLOGY INC.

Where quality is a way of life.

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rev.4.6

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