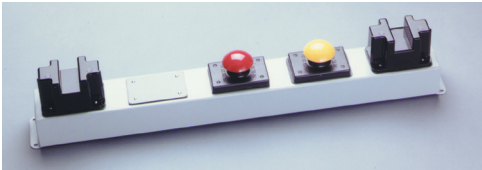


Punch Press Control System Components

Operation Station UL-501



Operation Station No. UL-501

Includes two run palm buttons and one emergency stop palm button, internally wired.

Optional: Yellow top stop button added to operator run bar UL-501 (shown at the left).

Model Number 301 Part Number 39-021



Limit Switch with actuating arm

Oil-tight limit switch contains one set normally-open contacts and one set normally-closed contacts.

Model Number 302 Part Number 39-120



Electric Foot Pedal

An oil-tight foot switch. Contains one set, normally-open contacts, and one set normally-closed contacts. Includes a treadle guard to protect against accidental tripping. "Requires a point of operation guard when used for machine actuation," such as safety light curtains or safety interlock systems.

Dual Safety Valves See "Dual Safety Valves"



Dual Solenoid Valve

A most important aspect of double valve design is the incorporation of two separate 3/2 normally closed valve elements which are interconnected within a common valve body assembly. Each of the two valve elements is operated by its own 3/2 normally closed solenoid pilot valve. When simultaneously energized, both main valve elements are operated simultaneously. The probability of both independent valve elements malfunctioning on the same cycle is extremely remote.

Model Number 304 Part Number 21-078



Air Cylinder Assembly

A 1 1/2" (38mm) bore, 1" (25mm) stroke air cylinder, complete mounting bracket, and clevis.

Punch Press Control System Components

Pedestal Mounts Model 8000 & 8500



Pedestal Mounts

Painted OSHA yellow and made of heavy angle construction.

Model 8000: used to mount cornering mirrors or safety light curtains off of a machine. Order Part Number 11-067.

Model 8500: used to mount an operator station or palm buttons off of a machine and includes a top plate for mounting.

Both models are supplied with a floor mounting plate that can be lagged to the floor. Order Part Number 11-069.

Model Number 306 Part Number 39-020



Heavy Duty Pressure Switch

NEMA 12 oil-tight and dust-tight switch is adjustable from 1 to 115 PSI.

Model Number 310A Part Number 21-082



Rotary Cam Switch with Drive Check

The primary components which make up the Rotating Cam Limit Switch are Snap Action Switches and the Micro-Adjust Cams. The Micro-Adjust Cam Block consists of two cams with 180 degree lobes which can be adjusted relative to the cam shaft by simply rotating the adjusting disc. No tools are required to make this adjustment. The adjusting disc can be manually rotated. The cam block has a self-locking polyurethane gear which automatically locks the cams relative to the cam shaft, when the required contact setting has been obtained. Shown with drive check base.

Available with multiple cams and encoders.

Model Number 311 Part Number 39-114



Miniature Regulator, Oiler, Filter

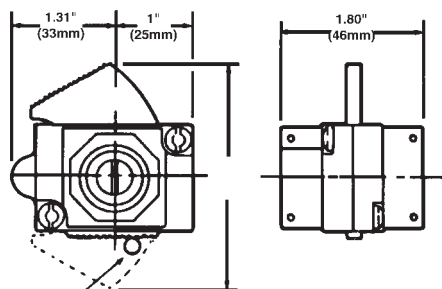
Model Number 318 Part Number 52-307



Palm Button with Ring Guard

Includes ring guard and mounting enclosure.

Shut-Off Valve



0.28" (7mm) diameter hole for lock

Ordering Procedure

Part Size PTF

- 1/4" (6mm)
- 3/8" (10mm)
- 1/2" (13mm)

Materials of Construction

Body: Zinc Slide: Acetal Plastic
Elastomers: Nitride

Three-Way Valves Exhaust Downstream Air in Closed Position

- Part #TO8-200-E1PA
- Part #TO8-300-E1PA
- Part #TO8-400-E1PA