

The Ultimate Clutch/Brake OSHA Control with Complete Press Automation Built-In



The User Friendly

Small Form Package (SFP) Presscommander™

Designed for installation in tight areas, on smaller presses, or by pendent mounting for convenient operator access to the press controls and machine status.

Standard Safety / Automation Features:

- Exceeds OSHA 1910.217 & ANSI B11.1-2001
- Designed to be free standing
- Utilizes existing motor starters and main power disconnects in a separate enclosure (refer back to the *PressCommander* customization control panel layout located on page A-4 of the printed Pressroom Electronics Catalog, or on the website in the *PressCommander* Section)
- Quick & Easy Installation
- Control Reliable Design (Triple CPU Redundancy)
- Incorporates dual logic power supplies
- Heavy duty resolver supplied standard with self-checking input on every press cycle and 30' of resolver cabling supplied standard
- Complete system diagnostics and programming in plain English/Spanish by a four line by twenty character vacuum fluorescent display
- Can control up to four sets of operator stations
- Operates at 24VDC, 110VAC, or 240 VAC / 440 VAC
- Major faults such as E-Stop, motion, brake monitor, and sensor faults are handled by two force-guided relays (Form B safety relays)
- Modes of operation: off--inch--single--continuous
- Continuous ARM; top stop, anti-tie down and anti-repeat
- System start/stop functions
- SPM Range -1 to 500
- Password and supervisory controlled keyed selector switch for security of data entry
- Interrupted stroke provision with indicator
- Inch mode monitoring
- Crank angle and speed readout (SPM)
- Time-based brake monitor
- Built-in motion detector and drift fault
- 90° and 270° stop time tester/meter built-in
- Built-in hour meter for maintenance
- Built-in variable speed compensation
- Servo-feed interface built-in
- Six optically isolated die protection inputs that can be either AC or DC (sourcing or sinking)
- Six limit switch outputs can be set to cycle (non-timed) two times per crank rotation by setting an open/close crank angle (AC or DC @ 3A)
- The last three limit switch outputs can be set for timed, non-timed, delay, hold, or cycle two times per crank revolution. (AC or DC @ 3A)
- Six PLS (programmable limit switch) output relays are small, high speed, high capacity and mechanical or solid state (AC or DC @ 3A)
- 100 job memory (removable)
- Stroke, batch, quality, and part counters
- Batch counter output relay
- Die protection output relay (opens when there is a fault)
- Speed output relay (opens when press speed falls out of the max/min parameters)
- Auxiliary output relay (customer assigned usage)
- Optional tonnage monitoring
- Optional Ethernet or DeviceNet communication
- PC Link to allow offline job creation and storage
- Two-year warranty
- Made in the U.S.A.

Pressroom  Electronics™

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