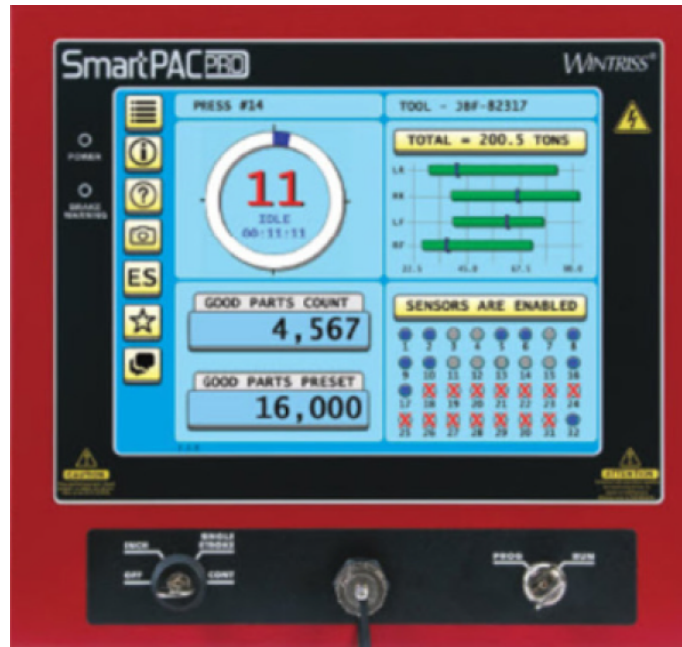


WINTRISS INTRODUCES SMARTPAC PRO



SmartPACPRO is a powerful easy-to-use system that increases pressroom productivity by allowing one operator to attend more than one machine. SmartPACPRO helps increase press speeds, ensures part quality, reduce die and press damage, assists with quick die change, and complements Lean Manufacturing and SPC programs. SmartPACPRO allows users to configure an automation control to their exact needs.

Impressive New Features:

- 12" color resistive touch screen with user configurable main screen.
- Unlimited tool storage, tool id can be ≤ 16 characters, including numbers, letters, & special characters. Tool ids can be shared among networked SmartPACPRO units!
- Compatible with all existing pac modules.
- Navigation icons on the left side of the screen: main menu, installed options, help, camera "screenshot," English to Spanish, favorites, & messaging.
- Built in usb to allow firmware updates, barcode inputs, setup info, download event/error.
- SD card—stores installed options and event logs. Allows no-hassle board swaps.
- Remote i/o option to simplify installation and wiring.
- Options manager—shows available options and enabled or unlicensed status.
- Tool data summary screen—shows all of the settings for a tool.
- Wonderware compatible—provides hmi interface for external functions such as qdc, press lube system control, servo transfers, etc.

Learn more at: production-resources.Com/.../smartpacpropresentation.pdf

Want a demo or a quote? Contact your pri application engineer.

(continued)

W-TECHNOLOGIES SHOCK DAMPERS

Here are some well-known facts about stamping and why to consider W-Technologies' hydraulic shock dampers:

Advanced High Strength Steel (AHSS) :

- ▶ It takes a toll on presses and tooling.
- ▶ It requires increased force.
- ▶ It amplifies vibration.

Our shock dampers provide a counter pressure force, upward, at the moment of part breakthrough. When properly sized and adjusted the dampers will eliminate the reverse load associated with blanking. They will also provide an increase in blanking capacity.

Here are the advantages of incorporating W-Technologies Hydraulic Dampers:

1. Reduce vibration, noise and press failures.
2. Increased tool life.
3. Increased blanking capacity.
4. Balance off center loading
5. Increase production speed.
6. Reduction in press damage from snap through and longer press life.

Learn more about Hydraulic Shock Dampers [here](http://www.production-resources.com/w-technologies-hydraulic-shock-dampers/): <http://www.production-resources.com/w-technologies-hydraulic-shock-dampers/>. Ask your PRI Application Engineer for more information or a quote.

 **Made in USA**



SUTHERLAND SERVO HYDRAULIC PRESSES

Sutherland Presses offers a full range of Servo frame designs available.



Sutherland SERVO Hydraulic Tie Rod Straight side presses

Driven Hydraulic Presses from 100–3,000 ton. The advantages of our Servo Hydraulic system include faster speeds, full adjustable speeds, adjustable pressure control and adjustable travel of slide or cushion stroke. Top that off with the ability to get full tonnage at "any point" throughout the length of the stroke and you get one awesome press.

Sutherland SERVO Hydraulic Tie Rod Straight side presses are available in other tonnages, bed sizes and frame designs. Other tonnage ranges, bed sizes, and

Our hydraulic servo forming press line up is our most versatile series. Tonnage, speeds, die area, side openings in frame, slide stroke & daylight, cylinder arrangement, cushions, ejectors, rolling bolsters are considered based on user application. With the I-PRESS AB HYDRO control, servo driven pumps and our Multi-Point edit screen, the user can optimize the motion, pressure & position curves to optimize part output and die life.

Special features include:

- ◇ Tie Rod Heavy Duty Frame
- ◇ Double Cylinder Slide
- ◇ Adjustable Speed & Pressure 7 times in one stroke with Multi Point Edit on I-PRESS AB PLUS HYDRO press and automation control with 10" Screen & 200 job memory

I-DRAW software animation for ease of set up

12 programmable Linear Cams
16 programmable Linear Die Monitors

- Multi-Point Edit Screen allows changes during stroke + position, pressure & speeds for slide & cushion
- Connected Enterprise Shop Floor to Top Floor - wireless & ethernet
- Rockwell AB Safety PLC & Color Panel View Screen
- Crash Avoidance Program protects tooling & cushion
- Main tank with filtration, magnets and cleanout panels
- ◇ Taper Wedge Full Length Slide Guides

SAFEGUARDING RIVETERS AND WELDERS

According to the Bureau of Labor Statistics, more than 5,000 American manufacturing workers suffer injuries involving amputation or limb loss every single year. In all, amputations rank in OSHA's top three serious workplace injuries. The Detect-A-Finger® drop-probe device is designed to prevent a riveter, welder or other small machine from cycling if it encounters fingers in the point-of-operation area, therefore preventing contact between the operator and dangerous moving parts.

Interested in guarding options for press brakes, power presses, or other hazardous machines? We can help with that too.

Contact your PRI Application Engineer for more information.



PAX CONVEYORS

PAX
CONVEYORS

Conveyors Designed By Stampers For Stampers

- LOW PROFILE
- CANTILEVERED
- ELECTRIC OSCILLATING CONVEYORS
- REVERSING CENTER DRIVE
- FLOOR MOUNTED SHAKER CONVEYOR
- UP TO 60" DRUM MOTOR CONVEYORS

**Call us for more information: 800-863-3164,
or e-mail: sales55@pri-mailbox.com.**

Visit our website:

<http://www.production-resources.com/conveyor-systems/>

We can provide quick quotations and drawings on most conveyors. Call us for conveyor parts pricing and availability.

Want help with a conveyor application or quote? Provide us with some information about your application and we'll try to provide you with a solution. The form can be found at: <http://www.production-resources.com/conveyor-application-information-andor-quote-request-form/>. Don't have time to fill out a form? Call 800-863-3164 and give Becky your contact information and we'll have an Application Engineer call you to discuss your needs.

We can also provide safety light curtains, safety mats, scanners and barrier guards for point-of-operation safeguarding. Inductive proximity sensors and optical sensors are available for your automation needs.

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