

Beckwood Press Company and Triform Sheet Hydroforming

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Press Release:

Beckwood Press Company to Offer Pre-Preventive Maintenance Technology

St. Louis, MO –With the goal of eliminating unplanned downtime, Beckwood Press Company has developed a Pre-Preventive Maintenance (PPM) technology which utilizes integrated machine intelligence to monitor the performance of Beckwood-manufactured equipment, and automatically alerts key personnel as to the system’s status.

Beckwood’s PPM System relies on advanced, closed-loop monitoring devices to perform real-time analysis of the press system’s health, including alarms & warnings, pump efficiency, safety systems status, oil health, filter status, valve performance and more. When the acceptable operating parameters – established by Beckwood prior to shipment – are breached, notifications are displayed via the HMI. At regular intervals, a report of the press’ performance is automatically generated and emailed to key members of the user’s organization, as well as to Beckwood’s service technicians. This automatic, early-warning system allows Beckwood press users to identify potential issues before unexpected downtime occurs, granting them the ability to schedule press maintenance when most convenient.

“Beckwood-manufactured presses are often critical path pieces of equipment,” said Jeffrey Debus, Beckwood’s President. “Our customers can’t afford unexpected downtime, and the advanced monitoring and reporting features built into our PPM technology directly address that issue,” he continued. “With the integration of our PPM system, the machine operator, the maintenance supervisor and Beckwood’s own team of service & support technicians are automatically kept informed of the press system’s health status. Performance issues can now be addressed proactively, before they impact production.”

Beckwood’s PPM system also automates factory-recommended maintenance by keeping an on-board calendar for both preventive maintenance and safety system checks.

“Once each week, the operator is instructed to complete a mandatory verification to confirm that all integrated safety devices are functioning properly,” said Debus. “This is a quick, two-minute process that doesn’t impede production, yet provides operators and managers a certain peace of mind that the press systems are functioning as intended.”

When the factory-recommended 6-month and 1-year maintenance is due, the operator is led, step-by-step, through the required maintenance tasks, confirming through the HMI that each has been completed successfully. If the recommended maintenance is not performed on schedule, automatic reminders are provided periodically on both the HMI and via email.

“Beckwood’s PPM system will have a positive impact on anyone concerned with press productivity, safety and protecting the capital equipment investment made by their organization,” concluded Debus.

About Beckwood Press Company

The [Beckwood Press Company](#) is a leading hydraulic press and automated systems supplier, located in St. Louis, MO. They offer quality, custom hydraulic presses for virtually every industry & application. New hot forming press technology, on-board PM features and integrated barcode scanning capability will help you work smarter & more efficiently. Beckwood also produces the [Triform line of Sheet Hydroforming Presses](#). Get the latest news from Beckwood at <http://www.beckwoodpress.com/news>.

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