Improving
PRODUCTIVITY

Chicago Electric's ProDisplay provides real time information to corrugator and converting machine operators and management.

Message of the day display

Video display on corrugator

Improved productivity is the result of higher expectation and better information. The ProDisplay™ continuously indicates target and actual run rates. The typical machine speed meter only shows how fast a machine is running. The ProDisplay also shows how fast it should run. In addition to target metrics for speed, the display establishes goals for Uptime % and Total Shift Production. A wide variety of other KPI's (Key Performance Indicators) are also available.

Real Time Feedback

Productivity improvement requires real time feedback to the operators and supervisors. Telling a corrugator crew tomorrow that the average uptime for the shift today (82%) was below the target of 95% is too late; the opportunity for improvement is lost. The ProDisplay shows Uptime % for the shift in real time, while improvement is still possible to reach the goal. Productivity is improved by constantly communicating goals and results.

Designed for the Corrugating Industry

The ProDisplay is specifically designed for the corrugating industry and is installed on a wide variety of corrugators and converting machines. The system is available with either 42-inch LCD flat screen video displays or 60-inch LED displays. Both versions are high-visibility and change color to indicate machine status. The ProDisplay is offered as a stand-alone system with machine sensors, or with a Kiwiplan interface to utilize the full rage of Kiwiplan data.

Ethernet Communications

The ProDisplay is much more than just a rate indicator, it is a valuable tool to log and report machine status via Ethernet LAN communications to your desktop. The built-in data logger records machine status every minute, providing a high-resolution report of

exactly what occurred during the shift, including downtime reasons. This data is used to indicate "shift-to-date" performance and end of shift reports.

The built-in web server provides real time information of machine status on your desktop or Blackberry on demand (use your phone to see how your corrugator is running right now from anywhere in the world). The built-in e-mail/text message server is programmed to send alerts of machine downtime and end of shift production reports. The ProDisplay will literally call you to let you know how things are going.

The desktop browser is used to interface with the ProDisplay. Performance goals such as Average FPM, % Uptime, and Total Lineal Footage, are established via a web page. Downtime reasons are selected from another web page. The browser is also used to create a "Message Of The Day" that is displayed for special communications to the plant floor such

Top to bottom: Footage display, FPM display and Shift summary display as "SAFETY MEETING TODAY AT 3:00 PM."

The ProDisplay utilizes the latest LCD/LED display technology, and web-based communications tools. It is a complete self-contained hardware and software solution. It requires no communication to an outside server, and has no software to install or maintain. Available options include: front-back dual displays; high-intensity red-yellow-green stack light for 360-degree visibility of machine status, and Kiwiplan interface.

The productivity of any machine is certain to improve with real time feedback of actual and target performance. The ProDisplay communicates, "what is expected" and "how am I doing" to improve results. Detailed data logging, on-demand reporting, and e-mail updates provide an increased level of communication to management.

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