PRO
Display™

- ○ **Measure** machine production
- ○ **Visualize** key performance metrics
- ○ **Data log** 24/7 operation
- ○ **Communicate** plant floor, plant wide, worldwide!

ProDisplayInfo.com

PRO Display ™

View machine status on the factory

floor, desktop PC, or your phone.

Have an iPhone?

We have an "App for that!"

The key to improved productivity is **visibility of performance**. The ProDisplay™ is a productivity improvement tool for the factory floor displaying key metrics of speed, quantity and downtime. Actual vs. Target performance is continuously displayed in real-time to operators and management. The ProDisplay™ is a unique bundled-technology solution that is guaranteed to improve the productivity of your manufacturing process.

The ProDisplay™ uses the latest in video and web-server technology to communicate information via multi-mode video including large screen display; desktop PC and smart phone. Production data is **logged 24/7 for analysis**.

Customized to your specific information needs, the system is offered as a stand-alone solution with machine sensor; or connected to your existing PLC or manufacturing software. The ProDisplay™ is a true **"plug and play"** product; there is no software to install, no configuration programming; no dip-switch settings.

○ **Delivers real-time actionable data of production and machine status.**

○ **Increases productivity and motivates operators by displaying key machine metrics and goals.**

○ **Instantaneous data is delivered to your desktop computer or the "palm of your hand."**

○ **Incorporates big screen LCD video displays for vibrant color visualization.**

○ **Huge 18" character display is visible from hundreds of feet away.**

○ **No software to buy, install, support or maintain.**

○ **Upward compatible to plant HMIs, SCADA systems and SAP.**

○ **Proven system with installations worldwide.**

Large Video Display ➝ **Controller** ➝ **Input Sensor**

52"

Real-time Production Display...

Video advantage

- Single or dual display options
- Large display characters (18") viewable from hundreds of feet
- Dynamic color backgrounds indicating process condition
- Variety of data displayed via multi-screen sequence
- Custom message displays controlled by user
- Big, bold and modern scoreboard for your factory floor

Communication

- Ability to interface to all industry standard PLCs
- Desktop PC display via browser
- Self-contained, data stays in-house
- Cellular phone interface including iPhone App
- Automatic text and e-mail messaging
- Upward compatibility to HMI, SCADA and SAP
- Optional cellular module for "IT free" interface

Data logging/Historian

- Real-time 24/7 data reporting log
- Stores data up to one year minimum
- Compatible with all Microsoft Office tools
- Automatic creation of daily CSV log files
- Shift summary e-mail report
- Downtime alert via text/e-mail

Specifications

- Communication protocols: Ethernet; RS-232; RS-485
- Available 8-digital inputs for user interface to system
- Available 6-digital outputs for external control
- High-speed input sensor *(Encoder, Photoeye, or Proximity)*
- Control enclosure: 16" x 16" x 8" NEMA rated
- Power requirements: 120/240 VAC, single phase, 60 Hz, 5 AMP
- Video displays: Color LCD, 42" and 52" options
- UL listed; Made in the USA

Complete solution

- Includes video display, mounting hardware, controller, and sensor
- Independent interface; no modification to your machine required
- System pre-configured to your specification; no programming
- Update system changes by electronic file or CF module
- Sound investment; scalable and adaptable
- No software to install, no management fees
- Simple integration; delivered in complete kit form

RATE
813

Production rate

SHIFT QUANTITY
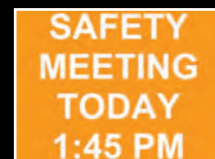**168 K**
96% GOAL

Total shift production & percent of goal

SHIFT RATE
700
88% GOAL

Total shift rate & percent of goal

MACHINE DOWN
DOWN 2 MIN
SHIFT 60 MIN

Down time & total shift down time

SAFETY MEETING TODAY 1:45 PM

User customized "Message of the Day"
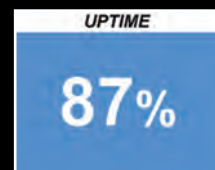
UPTIME
87%

Percent production uptime

ROLL MILL 12C
9:14:03
6/11/10

Machine identifier, time & date

SHIFT	%UP	QUANTITY
1	95%	240,848 FT
2	82%	250,624 FT
3	91%	246,563 FT
	89%	737,985 FT

Shift comparisons, goals & totals

PRODisplay™

Productivity Optimization Display

Remote view configuration screens

The ProDisplay™ system arrives pre-programmed to your specifications. Remote view configuration screens allow the user to view current running statistics, easily modify Target Rates and Goals, and create a custom "Message of the Day" display directly from your desktop. No software to install, maintain or support.

"Out of the Box" ready... no programming or training required!

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About Chicago Electric...

Chicago Electric offers automation systems, products and complete machine solutions to improve productivity. Our experience with a broad range of control platforms and industries enables us to provide the ideal automation solution to fit your application requirements.

Founded in 1910, Chicago Electric has always been a leader in drive and control technology for industry. With thousands of systems installed worldwide, we are in the business of making our customers' manufacturing **better...faster...smarter**.

CHICAGO ELECTRIC

Drive & Control Technology to Improve Productivity

PD-SB-100208

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