



MPR

M&R's MPR software provides press status and production data in real time, giving facility managers maximum control over printing operations. Accurate, timely data is a critical component of any successful operation, and MPR helps take the guesswork out of production. Without production reporting software, managers have to rely on manual substrate counts, manual computations, manual reporting, and personal observation. That approach is extremely time-consuming, taking managers away from the production process. The manual method is also extremely prone to inaccuracy and inconsistency. Worse yet is the fact that, in many cases, tracking is given the lowest priority and simply isn't done, leaving managers with virtually no useable information.

On the other hand, precise, timely data collected automatically allows managers to set productivity benchmarks and standards and to accurately track the time and cost involved with each print job—and each press. MPR provides current and historical data on all presses optionally equipped for this feature. This data includes total substrates printed, maximum, minimum, and average press speed (textiles are shown in dozens per hour), and the time each press was in production and the time each was offline. Equally important, MPR enables managers to quickly pinpoint trouble spots, both with equipment and personnel. Productivity rates that fall below standard are readily apparent and allow managers to quickly take action to resolve any barriers to productivity. Likewise, crews and equipment with consistently high output can be identified and their methods studied to pinpoint successful procedures that can be used by other crews. Since report data can be stored on hard disks and removable media, there is virtually no limit to the amount of historical data that can be saved for future analysis. Knowledge is power, and M&R's MPR software puts that knowledge at your fingertips.

Like all M&R equipment, M&R's MPR Software System is produced with M&R's unsurpassed commitment to quality, durability, and design excellence, and is backed by the best service and support in the industry. If you want to know what's happening in your facility—and want to know it in real time—you need M&R's MPR.

MPR Software™

Management Production Reporting System

MPR at a Glance

Basic MPR software is available in two versions: One can track up to five presses; the other can track up to twelve.

However, the number of presses that can be tracked by enhanced MPR packages is virtually limitless. MPR report data can also be stored for future analysis. Since the data can be stored on external media as well as the hard disk, there are no restrictions on the amount of information that can be retained.

MPR can be configured to track most automatic M&R presses (contact M&R for compatibility).

Primary Windows

MPR software has five primary windows:

- Main Window
- Machine Info Window
- Message Window
- Report Window
- Shift Window

Main Window

The Main Window functions as the gateway to all other windows, and provides a visual representation of the current activity on each press. The Main Window also allows the operator to connect the software to each press, to disconnect from each press, to get more information about each press, to get help, and to exit the system.



There is a Real Time Chart for each press that displays:

- Change of Counter
- Error Value
- Message Value
- Speed

Each chart also provides access to configuration options, where the operator can:

- Clear Chart
- Edit Pens (display the trend window pen expressions)
- Print (send the chart to the printer)
- Redraw (refresh the screen)
- Set Range
- Set Scan Rate (adjust sampling frequency)

Machine Window

The Machine Window displays the name of the press, the status of press, press speed, job number, job counter, and total counter. Users can also change the graphical image to match that of the press type. Messages and alarms also appear on this screen.

Shifts Window

The Shifts Window allows users to set the start and end times for each shift.



Shift Report Data

(data is grouped by shift and press)

- Average time per completed substrate
- Average speed (textiles in dozens per hour)
- Maximum speed (textiles in dozens per hour)
- Minimum speed (textiles in dozens per hour)
- Total substrates printed
- Time press was in production
- Time press was offline

Messages Window

The Messages Window allows users to edit messages and alarms coming from the presses. MPR software displays preset message and alarm text and logs that data for Reports.

Report Window

The Report Window allows users to edit report parameters, to connect to MPR's database, and to connect to MPR's built-in Report Generator.



System Requirements

Display: 800 x 600, 256 Colors (High Color 16 bit recommended for optimum performance)

Windows 95/98 running minimum 486/66 with 16 MB RAM & 40 MB disk space

Windows NT 4.0 running minimum 486/66 with 24 MB RAM & 40 MB disk space

COM Ports: Separate COM port for each PLC (Programmed Logic Controller) brand used (multiple PLC units of the same brand can share a single COM port)

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