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Smart•Set 2000™

RDP MARATHON inc.

Smart Set™ Console

REVCOLOR III

RDP Marathon inc.

In order to compete successfully in today's price-sensitive industry, printers are under constant pressure to increase output quality while reducing production costs. That's why **RDP Marathon** first introduced the highly acclaimed **Smart•Set™** press control system as a front end to its high performance web presses.

Now the focus on digital workflow management has taken Smart•Set™ to an even *smarter* level: **Smart•Set 2000™** with enterprise-wide self-diagnostic and process control intelligence, increased built-in functionality, including CIP3 file processing and internet capabilities, as well as enhanced press-side ergonomics.

Touch & Run

Engineered to optimize GUI technology, the Windows®-based, color-coded true touch screens, and easy-to-read high resolution graphic displays at both the main console and individual print units, show press configurations and production settings while providing control of all press functions from make-ready to wash-up. Operators retrieve archived jobs or input new parameters at the main console, and **Smart•Set 2000™** positions the print gap, pre-sets tension, UV power levels, pre-sets inking and dampening, and automatically sets register without web movement.

Ease-of-Use

Built-in prompts make learning and using **Smart•Set 2000™** a pure joy. The intuitive operator interface, customizable for local language support, and consistent screen layouts shorten the learning curve while minimizing the chance for human error. A full pop-up, on-screen, traditional "Qwerty" keypad eliminates the need for a mechanical keyboard. On-screen reporting of error diagnostics and fault status display help operators save time and minimize waste.

Job Storage & Retrieval

Smart•Set 2000™ provides storage and retrieval for up to 1000 jobs instantly accessible from the console storage database and an unlimited number of jobs through the optional server tie-in. Completed jobs can be backed up on a 3 ½" disk or to a remote server, ensuring that optimum press settings are archived and easily retrieved for future re-runs.

Open Architecture

Smart•Set 2000™ is an open architecture control system which easily integrates auxiliary equipment such as non-stop unwinds and rewinds, web guides, coaters, dryers, cooling systems, and sheeters, as well as work with conventional third party software, providing greater control of production schedules, inventory management and work-in-process accounting. Add-on equipment can be incorporated at a later date using industry standard off-the-shelf I/O controls.

State-of-the-Art

The **Smart•Set 2000™** software is driven by an industrial Intel Pentium® computer, also available in a dual processor configuration. A thin film transistor (TFT) solid-state touch screen complements the main console desk's ergonomic design. The **Smart•Set 2000™** press control system is available with a 5000°K Luminaire true-light lighting system for press-side color matching.

Network & Internet-Ready

Designed to operate in both a local area network (LAN) as well as a wide area network (WAN) environment, including the internet, **Smart•Set 2000™** provides a built-in, secure data-encrypted modem interface for on-line remote systems diagnostics, access to **RDP** servicing, software upgrades, product support updates and technical bulletins.

Diagnostic Management

Smart•Set 2000™ includes a password-protected, pre-programmed maintenance screen that prompts routine maintenance schedules and logs their completion. A built-in, real-time diagnostic function alerts the operator of press deviations and automatically updates the display status once the condition is corrected.

RDP Marathon specializes in technical and custom engineering solutions utilizing combination print processes including litho, flexo, gravure, waterless and screen printing for quality web printers.

RDP Marathon is committed to meeting its customers' needs in both traditional and innovative product areas. In response to customers' present and future competitive challenges, **RDP Marathon** offers a wide range of capabilities supported by the creative thinking that enhances customer productivity. The **RDP** family of presses and **Smart•Set™** control system provide printers with the ability to serve existing markets while exploring rapidly emerging value-added segments.

The standard of excellence established by **RDP** engineering is maintained in the manufacturing of all **RDP** presses, assuring the high quality printer of reliability, durability, and precision. **RDP Marathon** will settle for no less than complete customer satisfaction with every product and service provided — from initial solutions design, through installation, to after-sale support.
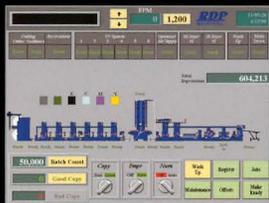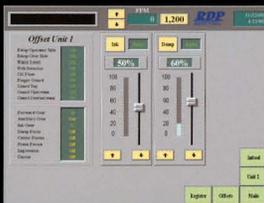
Main Console Screen*
Easy touch-point access to any section/operation of the press.
Operator-selected colors shown above the units also appear throughout on related sub-screens.

Offset Screen With Status & Alarm Indicators*
Ink and water settings are easily adjusted.
The operator has immediate access to adjoining units, register, or the main screen.

Offsets' Screen For Register Adjustment*
Touch-screen controls, located at individual print units, are also displayed at the main console permitting synchronous adjustments.
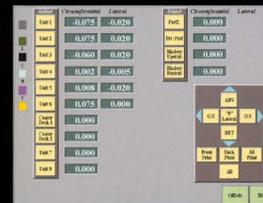
Offsets' Screen For Ink & Water Adjustment*
Also displayed at both the print units and main console, the user can select the mode of operation i.e. off, auto, or manual, and adjust ink and water settings.

Register Screen*
The operator can remotely adjust specific units, or groups of units with our unique, timesaving compass keypad.

UV System Screen*
Controls settings, power, and speed levels of optional UV lamps.