

# RSI's design incorporating HP technology excels in harsh dusty environments



## RSI Splashproof Low Profile Printhead

The 2.0" stainless steel enclosed printhead provides an environmental containment for the HP housings, electronics, cartridges and ink flow regulators normally exposed with the standard open or "bare" printheads. The design incorporates an overlapping hinged head cover and gasketing around the cartridge openings in the front face plate. The face plate also contains vertical run-off grooves down the front to channel fluids away from the print cartridges and off the printhead. Additional benefit: This internal enclosed arrangement also fixes the regulator heights to the print cartridges to prevent possible misalignment.

- Meets UCC specifications (print barcodes 1.25" from bottom of shipping carton)
- Can be fitted for positive air flow to protect components in dusty environments
- Industrial design for harsh environments
- Each HP cartridge contains the print engine & ink. Change out in seconds; so system maintenance is virtually eliminated



## RSI Industrial Manifold System

Our Industrial Manifold System (IMS) is manufactured by RSI and was jointly developed with Hewlett Packard®. We created the system to provide our customers more ink delivery choices. The IMS allows our customers to decide what works best for them. Advantages of the IMS "user-friendly" ink delivery system:

- The IMS can utilize from 1 to 4 cartridges (up to 1,400 ml)
- 350ml cartridges provide superior product handling
- Reduces the overall cost of printing
- Allows users to "hot swap" ink supplies, i.e. keep the system printing while changing ink supplies
- Features quick disconnects to minimize operator intervention
- Provide a flexible delivery system enabling different ink sets
- Provides a clean ink delivery system
- Industrial design for harsh environments
- Multi stall design enables you to print red, black, & blue inks from single system
- Change between colors in seconds
- I/O Connectivity



Your Best Source for Reliable Inkjet Systems.



## Array Imager Print System



### HP dependability

- High print resolution
- High reliability
- Low maintenance
- Low cost
- Easy to use
- Wide range of ink sets — black, versatile black, colors, invisible, bladders
- HP's reputation for excellence
- IMS Bulk Ink System

### RSI flexibility

- Increased scalability— 1/2" – 16" printability
- Complete customization of hardware and software: we made it, we tailor it
- Prints in most languages via Unicode
- Prints most bar codes
- Prints bitmaps
- Rotates and stretches text
- Provides embedded rendering (no font for barcodes; bar/gap widths are correct at any resolution)
- Multiple speeds and resolutions
- Database-compatible
- Ethernet connectivity

### RSI System features

- RSI utilizes the power of your PC without hindrance of windows print drivers—setting the industry standard for speed
- RSI's architecture allows for introduction of new features
- Daisy-Chainable via Firewire
- Print & read interface via RSI Perfect Match
- I/O allows for connectivity (i.e.: Low Ink Light Stack)
- Printheads
  - 1/2", 2", 4", 6" up to 16 inches
  - Enclosed low profile design allows for UCC/EAN compliant barcodes
  - "Octopus" up to eight 1/2 heads from a single system
  - Determine print direction at printhead level
- Resolution
  - 600 X 600 DPI @ 25 inches/second (125 FPM)
  - 600 X 300 DPI @ 50 inches/second (250 FPM)
  - 600 X 150 DPI @ 100 inches/second (500 FPM)
  - Capable of additional resolutions and speeds
- Prints Spot colors
- NEMA 4 & NEMA 12 enclosures available

### RSI Imager Pro Software features

- Up to date interface exploits the latest Windows XP features
- Easy to use, drop down menu & icon driven message creation; click, drag and drop
- WYSIWYG message template creation
- RSI Software allows user to print proofs
- All global windows fonts & international symbols
- Windows rich text formatting
- Resizable dialog boxes, font selection with font preview, data-file grids
- (Spreadsheet), true per print preview with recording scroll
- Full Unicode file support
- Prints barcodes, RSS, 2D, bitmaps, logos, & special characters
- Move objects between message templates
- Rotate images 360 degrees
- Customer defined time, clock, shift, expire dates, etc
- User inserts
- Unlimited print length
- Database: Access, dbase, ASCII, FoxPro, CSV (comma separated value)
- Allows SQL "SELECT" statement
- Scitex fixed, Text I, Text II
- ODBC
- Prints variable images & text at high speeds (re-image time)
- Ethernet connectivity
- Remote commands over TCP/IP
- I/O Connectivity
- Drives up to 32 pens

### RSI information

8345 Beechcraft Ave. Suite J  
Gaithersburg, MD 20879  
866-Print-HP (866-774-6847)  
Fax 240-331-9179  
Email sales@rsipro.com  
www.rsipro.com



Leading companies.  
Leading solutions.



# Where



# do you want to print?



# Make Your Mark

At RSI, we lead the industrial market in the creation, development and integration of advanced Hewlett-Packard based marking technologies. Our success is the result of leveraging 14 years experience working with HP technology coupled with our greatest asset, our people.

## Our People

- Have the inherent knowledge to recommend precise business solutions to our customers
- Enjoy creating the “right” products for our customers
- Will foster a business relationship culture in which every client recommends RSI

RSI is in the business of providing value to our customer's in several ways. We will increase efficiencies through the management of information in the product marking, coding, and packaging process. Our solution(s) will significantly reduce operating expense associated with required maintenance and unexpected downtime.

Whenever there is a requirement for high print quality, dependable equipment to print graphics, bar codes, product codes, time stamps, etc. RSI stands out from the rest of its competitors.



## Applications

RSI's print system will change the way you mark your products by providing high quality print combined with HP reliability.

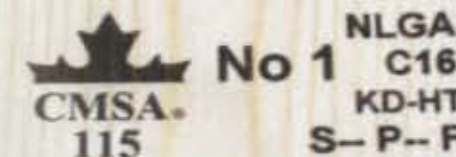
### On Cases

- Print 300 dpi barcodes at twice the speed, with minimal maintenance
- Line speeds up to 500 fpm, and up to 600 dpi
- All global windows fonts & international symbols



### On Wood

- Lumber Grade Stamps/Logos, Barcodes, text and more
- Virtually Maintenance free, easy to use
- Print red, black, & blue from single system
- Economical 350ml bulk ink delivery system
- Maintain correct print sequence with single buffer mode
- Print speed up to 200 boards per minute
- Speed & capability unmatched by any other technology
- Heavy duty industrial design



### On Bags

- Powerful feed design provides stable imaging platform
- Virtually maintenance free
- Economical 350ML bulk Ink delivery system
- Print red, black, & blue from single system
- Change print color in seconds
- Networkable, seamless integration



### On Filters

- In-line printheads provides flexibility to overlap color text and images on 1/2" web
- Positive air flow to minimize contaminates
- Air knife blow-off of web prior to printing

