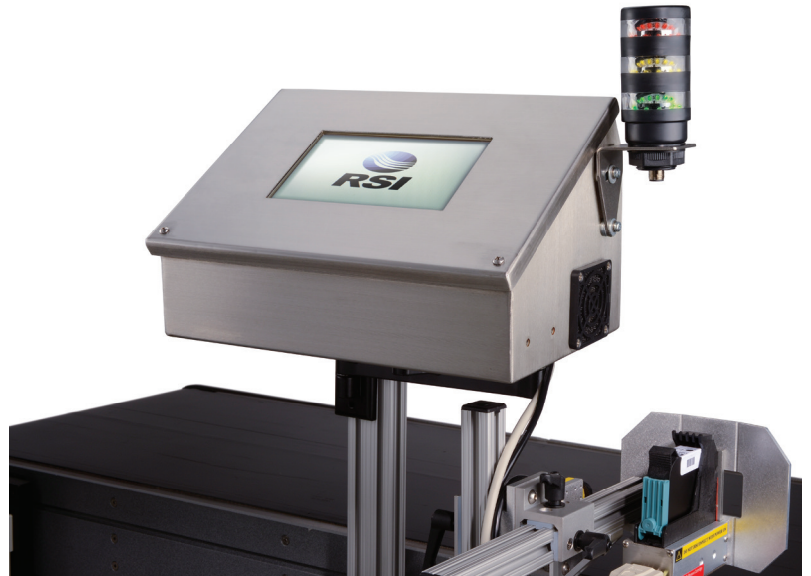


Reliable. Scannable. Industrial.

Designed for both primary and secondary packaging, the RSI Hydra industrial printing systems are simple and powerfully functional.



Powered by HP

For more than 14 years RSI has harnessed HP thermal inkjet (TIJ) technology to create industrial printers that you can count on. HP print cartridges print consistently scannable barcodes while reducing maintenance time and eliminating the need to handle messy inks. Find out what reliable RSI inkjet systems can do for your operation.



RELIABLE. SCANNABLE. INDUSTRIAL.



Clean, Simple, Reliable

- User-friendly software, low maintenance hardware and high-quality barcode capability. Maintenance is quick and easy too: Just take a damp cloth and

water, wipe the printhead clean and go!

- Keep production lines running with reliable, low maintenance.
- Clean, self-contained HP inkjet print cartridges snap in and out quickly for reliable no-hassle printing without handling any messy inks or solvents.
- Easy to use software, 15-inch touchscreen and single buffer mode ensure the right message goes on the right case at the right time.
- Three levels of “menu-selectable” security prevent unauthorized changes.

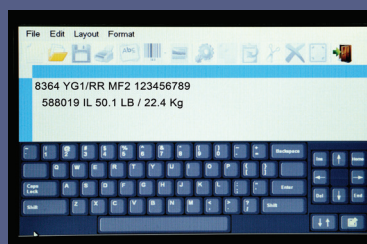
RSI Bulk Ink Delivery System



HP inkjet technology combined with our unique gravity feed **Bulk Ink Delivery System** provides both high quality variable print resolution up to 600dpi and maximum uptime with larger 680ml. bulk ink supplies.

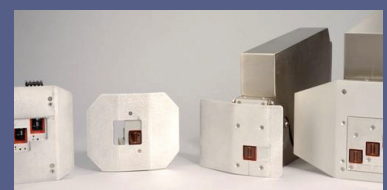
Pop in a new printhead in seconds – no maintenance, guaranteed startup, minimal downtime and a low TCO.

Hydra Software



Hydra Software provides the easy to use WYSIWYG job display and the reliability of Windows XP. Patent pending Variable DPITM and nozzle flipping allows you to optimize the barcodes, text and logos optical density, speed and cartridge life. Add the optional ProPrint and now you have total control of your database as well. All the control you need at the printer or remotely.

Print Heads



Maximize uptime, using self-contained HP ink cartridges which refreshes the system with a new printhead every time you change. Increase versatility in ink stall locations with built-in pressure regulator. Easily incorporate into production line and maximize coverage options with integrated printhead/mount design Print as low as 1.25 inches from the bottom of the case/carton.



Flawless, Consistent, Scannable

- Print high-quality text, logos and consistently scannable barcodes.
- High-resolution printing and optimal readability means NO fines or rejects.
- Unique printhead mount permits independent adjustments of each axis for perfect alignment every time.

Flexible, Versatile, Industrial

- Rugged, stainless steel enclosures protect equipment from dust, moisture and vibration.
- Water-based fast drying pigmented HP inks are safe for food processing facilities and provide high visibility printing on a large variety of both porous and non-porous substrates.
- Prints on an array of surfaces, from film to corrugate cases and trays.
- Built-in serial, TCP/IP and OPC interfaces allow easy integration, even in multi-SKU feeder applications.
- RSI is a member of Rockwell Automation's Encompass program.



The RSI Hydra Series

Model name	2000	4000	X	X Integrated
Printing				
Max PH width	1"	2"	8"	8"
Speeds				
Horizontal DPI (1 - 600 DPI)	✓	✓	✓	✓
Vertical DPI (300 or 600 DPI)	✓	✓	✓	✓
Bulk Ink Integration	✓	✓	✓	✓
Barcode Support	✓	✓	✓	✓
Small Character	✓	✓	✓	✓
Large Character	✓	✓	✓	✓
Core Application	Primary and secondary packaging	Trays/Bags (2 sided)	Case/Bags/Wide Web Printing	Case/Bags/Wide Web Printing in Harsh Environments
Human Machine Interface				
User Interface	7" integrated	10 or 15"	10 or 15"	15" Integrated
Multiple Language Support	✓	✓	✓	✓
External HMI		✓	✓	
Software				
Hydra Software	✓	✓	✓	✓
Integration Plug-Ins and APIs	✓	✓	✓	✓
Three Tier Menu-Driven Security	✓	✓	✓	✓
Production Reporting	✓	✓	✓	✓
Protocols (Serial, TCP/IP, API)	✓	✓	✓	✓
ProPrint		✓	✓	✓
Scanner input		✓	✓	✓
Protocols (OPC Compliant)		✓	✓	✓
Barcode Scanner Support		✓	✓	✓
Vision Systems Support		✓	✓	✓
Windows Driver			✓	✓
Single Buffer Mode	✓	✓	✓	✓
Supplies				
680 Bulk Capacity	✓	✓	✓	✓
350 Bulk Capacity	✓	✓	✓	✓
Integration Capability		✓	✓	✓
Daisy Chain Integration		✓	✓	✓
Multiple Sensor and Encoder Inputs			✓	✓



RELIABLE. SCANNABLE. INDUSTRIAL.

WE WANT TO HEAR FROM YOU.

1-866-PRINT HP (1-866-774-6847)

www.rsipro.com | sales@rsipro.com

USA

4845 Governors Way
Suite B
Frederick, MD 21704

Singapore

Blk 4008 Ang Mo Kio Ave 10
#02-19 Techplace 1
Singapore 569625
PHONE: +65 64584620
Fax: +65 64584720