INNOVATIVE
DIGITAL SYSTEMS

RevHDL

Get a Handle on
Your Drinkware Printing



20 PINNACLE TECHNOLOGY AWARD 25

Contact Us

The world's first UV Rotary printer specifically engineered for direct-to-object printing on handled items.

- Ensures high-quality printing on handled mugs (coffee cups, tumblers)
- Industry-leading 280°+ print capability for complex and irregular shapes
- Stack up to 4 handled objects at once
- Supports over 14" of print length for larger designs
- High efficiency curing for fast and durable prints











www.IDS-digital.com

704-628-7679

RevHDL TECHNICAL SPECIFICATIONS

Print System	Ricoh Gen 4 print heads, automatic voltage & temperature control.
Maximum Resolution	900 x 1200 DPI
Ink	UV curable Primer+ W + CMYK + Varnish (Clearcoat). All inks are Prop65 compliant.
Ink Capacity & System	1 L per color. Automatic ink supply system, active negative pressure system.
Maximum Print Size	Y-axis within 360mm (14.17")
Maximum Substrate Size	Mug Diameter: 65- 130mm (2.56"-5.12") Mug Radius+ Handle Width within 102mm (4.02") Max Length: 360mm (14.17") Printable area: up to 280°+ depending on cup diameter.
Interface/RIP Software	Gigabit Ethernet, ColorPRINT Bottle RIP, PCS 6
Environment	Temperature: 16° -28°C (61° -82°F) Humidity: 40 -70% (Recommended) Altitude: Up to 1,000 m (3,281 ft)
Floor Dimensions	1560 mm x 832mm x 1830mm (61.4" X 32.8" X 72") Weight: Approximately 580kg (1,280 lb)
Electrical	220V ±10%(50/60Hz); 7.5 Amps Maximum; 1650 W Power Maximum
Air	85-100 PSI shop air

Watch the Printer in Action

PRINT UP TO 4 HANDLED STRAIGHT-WALLED OBJECTS AT A TIME
PRINTS TAPERED OBJECTS UP TO 280°+ MULTICOLOR PRINTING
PRINTS PRIMER+W+CMYK+VARNISH
PRINT ON METAL, GLASS, CERAMIC,
PLASTIC, POWDER COAT & MORE



Create. Innovate. Elevate.