



# ISIJET 3400 Grand Format Printer



## SuperWide Production Outdoor InkJet Printing

With the **ISIJET 3400** you can make superwide outdoor durable prints 24 hours a day, every day.

This **industrial-strength** printer from Innovative Solutions produces up to 360 dpi, four-color output on substrates up to 134 inches / 3.40 meters wide. With a usable continuous high-end print speed over 1700 square feet (158 square meters) per hour, the **ISIJET 3400** Grand Format Printer is the most productive inkjet printer in its class. It's ideal for paper or vinyl billboards, flexible truckside graphics, oversized banners, seamable building wraps and more.

The **ISIJET 3400** is engineered to provide uninterrupted operation. It uses proven piezoelectric print head technology. In addition to reliability and speed, the **ISIJET 3400** offers the best price/performance ratio of any

### ISIJET 3400 Features:

- › Fast print speeds: over 1700 ft<sup>2</sup> (158 m<sup>2</sup>) per hour
- › Up to 360 dpi resolution
- › Direct printing on outdoor durable vinyl or paper
- › Exceptional price/performance ratio
- › Robust design enables 24/7 operation
- › Incorporates proven piezoelectric printhead technology
- › Peristaltic ink pumps and continuous filtration to prevent clogging
- › Brushless servo motors drive permanently lubricated gearboxes so there's no maintenance required
- › Automated vacuum purging of printheads for on-the-fly maintenance
- › Four 3.2-liter (working capacity) bulk ink reservoirs for high volume production printing
- › Tensioned media feed and take-up rollers provide simplified media path for reliable operation
- › High visibility ink status indicator provides ample warning of low ink status
- › Integrated ventilation hood enables direct hook-up for fume exhaust
- › Optional infrared dryer system for high-speed production on all media types (shown in photo above)
- › Ability to run one or two media rolls for greater throughput of panelized work



# ISIJET 3400 Specifications

|                      | FEATURE                 | DESCRIPTION  | BENEFIT   |
|----------------------|-------------------------|--|---|
| <b>Productivity</b>  | Print Speed             | Variety of user-selectable speeds, with print speeds over 1700 square feet per hour. Production jobs typically run at 1700, 1050, 900, or 475 sq. ft. per hour (max. continuous speeds), depending upon quality vs. production requirements. | Select the speed appropriate for the coverage and job requirements                                  |
|                      | Media Handling          | Roll-to-roll using either 3" (7.6cm) (standard) or 6" (15.2cm) cores (optional)<br><br>Up to 10" (25.4cm) material diameter<br><br>Optional roll-to-sheet output<br>Optional heavy roll supply and takeup                                    | Accommodates production runs without frequent media changes   |
|                      | Print Width             | Up to 134" / 340cm   | Oversized banner production without tiling  |
|                      | Inks                    | Solvent-based four-color (CMYK) pigmented inks in 3.2 liter (working capacity) containers  | Bulk ink for production printing  |
|                      | Resolution              | 360 dpi (horizontal) x 180 dpi (vertical)  | High quality printing   |
|                      | Printhead Purging       | Automated vacuum purging   | On-the-fly printhead maintenance, even during printing  |
|                      | Print Drying            | Built-in drying system   | Prints are dry before being rolled onto take-up reel  |
|                      | Connectivity            | 100baseT Ethernet LAN  | High speed integration with existing systems  |
|                      | Image Processing        | Optional Wasatch SoftRIP® - for ripping, color & job management, screening, tiling and more  | ISI integration plug-ins allow online automated print production from Wasatch to <b>ISIJET 3400</b> |
| <b>Technology</b>    | Ink Delivery            | 72 piezoelectric inkjet printheads   | High speed and high quality   |
|                      |                         | Peristaltic pumps providing continuous recirculating ink supply and continuous filtration  | No contamination of inks from seal leakage  |
|                      | Web Handling            | Brushless servo motors driving permanently lubricated planetary gearboxes  | No maintenance, no brush replacement, no oil changes  |
|                      |                         | Removable cores with automatic locking safety chucks   | Easy material loading/unloading   |
|                      | Heated Platen           | Maintains uniform surface temperature across printing area   | Controls dot gain on various media  |
| <b>Environmental</b> | Electrical Requirements | 240 VAC, 4-wire single phase 60Hz with 25-amp service  |   |
|                      | Air Pressure            | (70 psi at 3 cfm minimum), oil- and water-free   |   |
|                      | Operational Temperature | Ambient temperature should be maintained between 68°F and 85°F   |   |
|                      | Relative Humidity       | 20% to 80%, non-condensing   |   |
|                      | Dimensions (LxHxD)      | 221 x 76 x 83" / 561.3 x 193.0 x 210.8cm   |   |
|                      | Weight                  | Approx. 4400 lbs. / 1996 kg. (printer only)  |   |



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Printer output may vary depending on type of print data file, application, media, environmental conditions, print speed, or other variables. Many of these variables can be controlled by the operator to optimize to production and output quality requirements. Only approved consumables purchased from Innovative Solutions, Inc. or authorized distributors and designated for use in the **ISIJET 3400** are warranted for use in the **ISIJET 3400** printer.

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