



ISIJET 2870 Grand Format Printer



SuperWide Production Outdoor InkJet Printing

With the **ISIJET 2870** 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 113 inches / 2.87 meters wide. With a high-end continuous print speed of 1500 square feet (139 square meters) per hour, the **ISIJET 2870** 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 2870** is engineered to provide uninterrupted operation. It uses proven piezoelectric print head technology. In addition to reliability and speed, the **ISIJET 2870** offers the best price/performance ratio of any printer in its class, making it the right choice for **profitable** superwide print production.

ISIJET 2870 Features:

- › Fast print speeds: up to 1500 ft² (139 m²) per hour
- › Up to 360 dpi resolution
- › Direct printing on outdoor durable vinyl substrates
- › 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 system 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 (shown above) for high-speed production on all media types
- › Ability to run one or two media rolls for greater throughput of panelized work



ISIJET 2870 Specifications

	FEATURE	DESCRIPTION	BENEFIT
Productivity	Print Speed	Variety of user-selectable speeds, with print speeds of up to 1500 square feet per hour. Production jobs typically run at 1500, 1050, 850, or 425 sq. ft. per hour (continuous printing 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) Up to 10" (25.4cm) material diameter Optional roll-to-sheet output	Accommodates production runs without frequent media changes
	Print Width	Up to 113" / 287cm	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 ISIJET2870
Technology	Ink Delivery	72 piezoelectric inkjet printheads Peristaltic pumps providing continuous recirculating ink supply and continuous filtration	High speed and high quality No contamination of inks from seal leakage
	Web Handling	Brushless servo motors driving permanently lubricated planetary gearboxes Removable cores with automatic locking safety chucks	No maintenance, no brush replacement, no oil changes Easy material loading/unloading
	Heated Platen	Maintains uniform surface temperature across printing area	Controls dot gain on various media
Environmental	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)	202 x 83 x 72" / 513.1 x 210.8 x 182.9cm	
	Weight	Approx. 4000 lbs. / 1814 kg, printer only	



Innovative Solutions, Inc.
 111 Eastwood Circle
 Owens Cross Roads, AL 35763 USA
 ph: (256) 725-7750
 fax: (256) 725-7751
<http://www.goisi.com>
 email: isisales@goisi.com

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 2870 are warranted for use in the ISIJET 2870 printer.

©2005, Innovative Solutions, Inc. Wasatch SoftRIP is a registered trademark of Wasatch Computer Technology, Inc. All other trademarks are the property of their respective owners. Due to continuing research and product improvements, features or product specifications may change at any time without notice. 73-00019, 02-2005.