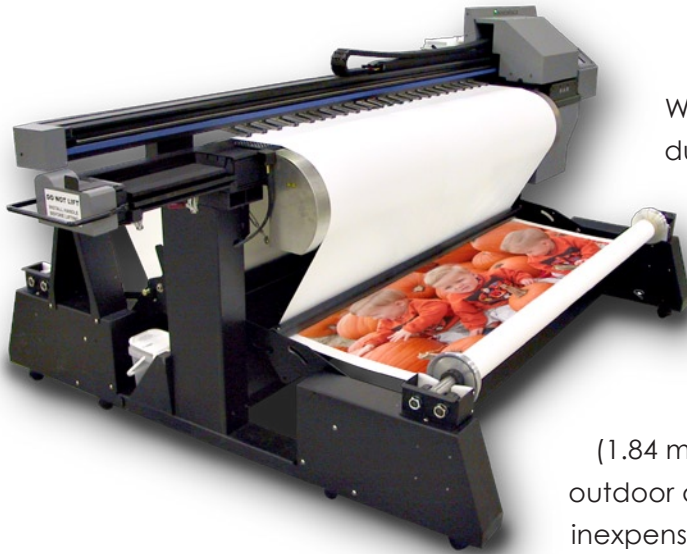




# ISIJET 1840 High Production Printer System

## High Quality Production Outdoor InkJet Printing



With the **ISIJET 1840** you can make high quality outdoor durable prints with production efficiency on a wide variety of materials, including large rolls up to 10" ( 25.4 cm) in diameter and weighing up to 200 lbs (91 kg).

ISI brings production throughput and advanced media handling options to the world of high quality solvent-based inkjet printing. The **ISIJET 1840** is a 72" (1.84 m) printer that produces extremely durable output for outdoor and indoor applications. Using solvent pigmented inks on inexpensive rolls of uncoated media, the **ISIJET 1840** lets you sell great-looking output at great prices.

The **ISIJET 1840** includes outstanding automated features to ensure consistent print quality and enhance your productivity. Its Large Roll Supply System and ease of operation and maintenance means profitable operation. The **ISIJET 1840** offers the best price/performance ratio of any printer in its class, making it the right choice for **profitable** print production.

### ISIJET 1840 Features:

- › 16 piezoelectric inkjet printheads with 30 picoliter drop size for high-quality printing
- › Fast print speeds: up to 400 ft<sup>2</sup> (37.2 m<sup>2</sup>) per hour
- › 600 x 600 dpi resolution
- › Direct printing on outdoor durable vinyl or paper substrates
- › Print width up to 72.5" (184 cm) on 73" (185 cm) rolls
- › Robust design enables trouble-free operation
- › Three print speeds for optimal speed vs. quality
- › Media thickness up to 3/16" for flexible production
- › On demand head cleaning for maximum uptime
- › Large Roll Supply System handles 3" or 6" core rolls up to 200 lbs. for reduced media costs
- › Large Roll Take-up System allows take-up of rolls up to 200 lbs. (optional - shown above)
- › Automatic jet recovery enables quality operation by allowing good jets to take over for problem jets
- › Integrated heated dryer surface allows drying of many materials
- › Forced Air Dryer system for high-speed production on all media types (optional)
- › Ability to run one or two media rolls for greater throughput of panelized work (optional)
- › Exceptional price/performance ratio



# ISIJET 1840 Specifications

FEATURE	DESCRIPTION	BENEFIT	
<b>Productivity</b>	Print Speed	Variety of user-selectable speeds, with print speeds up to 400 square feet per hour. Production jobs typically run at 400 (Billboard), 200 (Production), or 100 (High Quality) sq. ft. per hour, 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) or 6" (15.2cm) cores up to 10" (25.4cm) material diameter	Accommodates production runs without frequent media changes
		Roll-to-sheet output	Reduces media costs by allowing media to be purchased in larger rolls
		Optional Large Roll Takeup System	
	Print Width	Up to 72.5" / 180cm	Accommodates standard size materials for optimal productivity
	Inks	Solvent-based four-color (CMYK) pigmented inks packaged in 2 liter bottles	Bulk ink for production printing
	Resolution	600 dpi (horizontal) x 600 dpi (vertical)	High quality printing at high speeds
	Printhead Purging	Automated purging of printhead system	On demand printhead maintenance for increased uptime
Print Drying	Built-in drying system	A variety of materials can be dried before being rolled onto take-up reel	
	Optional forced air drying system available		
Image Processing	Optional Wasatch SoftRIP® - for ripping, color & job management, screening, filing and more	ISI integration plug-ins allow online automated print production from Wasatch to <b>ISIJET 1840</b>	
<b>Technology</b>	Ink Delivery	16 piezoelectric inkjet printheads	High speed and high quality
	Self Cleaning Printheads	16 motorized wiper blades and solvent bath cleaning system	Keeps printheads at optimal performance
	Media Preheat	Maintains uniform surface temperature across printing area	Controls dot gain on various media
<b>Environmental</b>	Electrical Requirements	220-240 VAC/14.8A, single phase, 50/60Hz (Printer) 110-120 VAC/2.4A or 220-240 VAC/1.2A , single phase, 50/60 Hz (Large Roll Supply System)	
	Operational Temperature	Ambient temperature should be maintained between 68°F and 85°F	
	Relative Humidity	20% to 80%, non-condensing	
	Dimensions (HxWxD)	52.5 x 135.7 x 57" / 133.4 x 344.7 x 144.8 cm (Printer w/ Large Roll Supply System)	
	Weight	Approx. 380 lbs. / 173 kg. (Printer) Approx. 220 lbs. / 100 kg. (Large Roll Supply System)	



**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](mailto: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 output to production and quality requirements. Only approved consumables purchased from Innovative Solutions, Inc. or authorized distributors and designated for use in the **ISIJET 1840** are warranted for use in the **ISIJET 1840** printer.

©2004, 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. 73-00031, 12-2004.