

Roland

Texart XT-640

TEXART™ XT-640 HIGH-SPEED DYE-SUBLIMATION PRINTER

NEW Texart *XT-640*

SIMPLY POWERFUL SUBLIMATION PRINTING



 Roland®

ROLAND DG **TEXART XT-640**

STRENGTH AND STYLE

Developed specifically for dye-sublimation transfer printing, the Texart XT-640 is an unstoppable machine that delivers outstanding print quality on long print runs, day-after-day. By combining Roland DG reliability with the latest print technology, users can quickly and effortlessly create high-volume sportswear, fashion, soft signage, interior decoration, promotional merchandise and much more.



SPORTSWEAR & APPAREL



FASHION



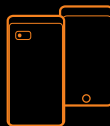
SOFT SIGNAGE



SPORTS ACCESSORIES



INTERIOR DECORATION



GIFTS & MERCHANDISING



Texart ink

 **ergosoft**
Roland Edition
the rip for digital textile print production



OEKO-TEX certification for XT-640 print process in combination with Texart ink.

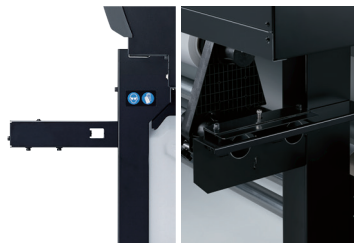




Dual print heads in staggered formation.



Roland Ink System.



Feed Adjuster at front. Adjustable media holder at rear



Orange and violet for vivid printing. Black ink for details and opacity. Light cyan and light magenta for smooth gradations.



A PERFECT BALANCE OF PRODUCTIVITY AND QUALITY

With its rugged construction and dual print heads in a staggered formation, the XT-640 is built to meet the demanding production requirements of the textile industry, providing machine stability as well as impressive graphic output and high-speed performance. To capture every gradation and detail, each of the eight-channel print heads fire precise droplets in up to seven different dot sizes to accommodate media characteristics and desired image brightness and sharpness.

INGENIOUS PRINTING WITH INK SWITCHING AND PRINTER ASSIST

The XT-640 features a bulk ink system with one-liter pouches, to ensure uninterrupted printing on long print runs. The ingenious Roland Ink Switching System automatically switches to a backup pouch when the primary pouch runs out – meaning you don't have to stop the printer to replace inks. And while you're away from the printer, the Roland Printer Assist iPad app allows remote management of common printer functions.

KEEPS EVERYTHING RUNNING SMOOTH AND SKEW-FREE

The XT-640 offers exceptional media tracking to prevent alignment errors during production. An advanced vacuum system keeps transfer paper flat for printing, while a convenient new feed adjuster and take-up system prevent media skewing and ensures a correctly wound roll for smooth transition to the heat transfer process.

SHARP IMAGES AND DYNAMIC COLOR QUALITY

The XT-640 in combination with Texart ink produces sharp images with dynamic color and offers two ink configurations for added versatility. Choose 4-color mode for fine detail and deep contrast at high print speeds, or choose 8-color printing with additional Orange, Violet, Light Cyan and Light Magenta for a wider color gamut to produce subtle color and smooth color gradients. Texart ink with the XT-640 is also deemed safe for production of polyester printed items and certified OEKO-TEX® Standard 100, Product Class 1.

EFFORTLESS OUTPUT WITH ERGOSOFT RIP

Included with purchase is ErgoSoft Roland Edition RIP software. Developed by the textile industry's premier RIP software developer, this feature-packed program delivers outstanding productivity and image quality, powerful file processing and high density printing with minimal ink usage. With useful features such as step & repeat, production cost calculator and scale and shrinkage correction, users can save time, save effort and save on material costs.

Texart XT-640 High-Speed Dye-Sublimation Printer

- Durable structure with added stability -- built for long print runs and non-stop production
- Dual-print heads with 7-droplet technology captures sharp detail and smooth color gradation
- High-speed print operation for high-volume production
- 4-color high-speed printing or 8-color printing for wider color gamut and smooth color gradients
- Bulk ink system with one liter pouches for unattended printing on long print runs
- Advanced vacuum and heat system to keep transfer paper flat to ensure error-free prints
- New feed adjuster system for even tensioning to prevent skewing

- User-friendly ErgoSoft Roland Edition RIP software included
- OEKO-TEX® Standard 100, Product Class 1 certification for safe polyester printing with Texart ink and XT-640



Specifications		
Printing technology		Piezoelectric inkjet
Media	Width	10.2 to 64 in. (259 to 1,625 mm)
	Thickness	Maximum 39 mil (1.0 mm)
	Roll outer diameter	Maximum 8.3 in. (210 mm)
	Roll weight	Maximum 88 lbs. (40 kg)
	Core diameter*1	3 in. (76.2 mm) or 2 in. (50.8 mm)
Printing width*2		Maximum 63.6 in. (1,615 mm)
Ink	Types	Texart Ink (1 liter pouch)
	Colors	Four colors (cyan, magenta, yellow and black) Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, orange and violet)
Printing resolution (dots per inch)		Maximum 1440 dpi
Distance accuracy *3		Error of less than ±0.3 % of distance travelled, or ±0.3 mm, whichever is greater
Dryer *4		Setting range for the preset temperature: 30 to 40°C (86 to 104°F)
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Power requirements		AC 100 to 120V ±10%, 5.5 A, 50/60 Hz or AC 220 to 240V ±10%, 2.8A, 50/60 Hz
Power consumption	During operation	Approx. 750W
	Sleep mode	Approx. 70 W
Acoustic noise level	During operation	62 dB (A) or less
	During standby	45 dB (A) or less
Dimensions (with stand)		111.7(W) x 32.7(D) x 65 (H) in. (2,835 (W) x 830 (D) x 1,650 (H) mm)
Weight (with stand)		471.8 lb. (214 kg)
Environment	Power on	Temperature: 64.4 to 77°F (18 to 25°C), humidity: 35 to 65%RH (non-condensing)
	Power off	Temperature: 59 to 86°F (15 to 30°C), humidity: 20 to 80%RH (non-condensing)
Included items		Exclusive stands, power cable, media clamps, media holder, replacement blade for separating knife, ErgoSoft Roland Edition RIP Software, User's Manual, etc.

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