

 Roland

Texart

Dye Sublimation Transfer Printer **XT-640**



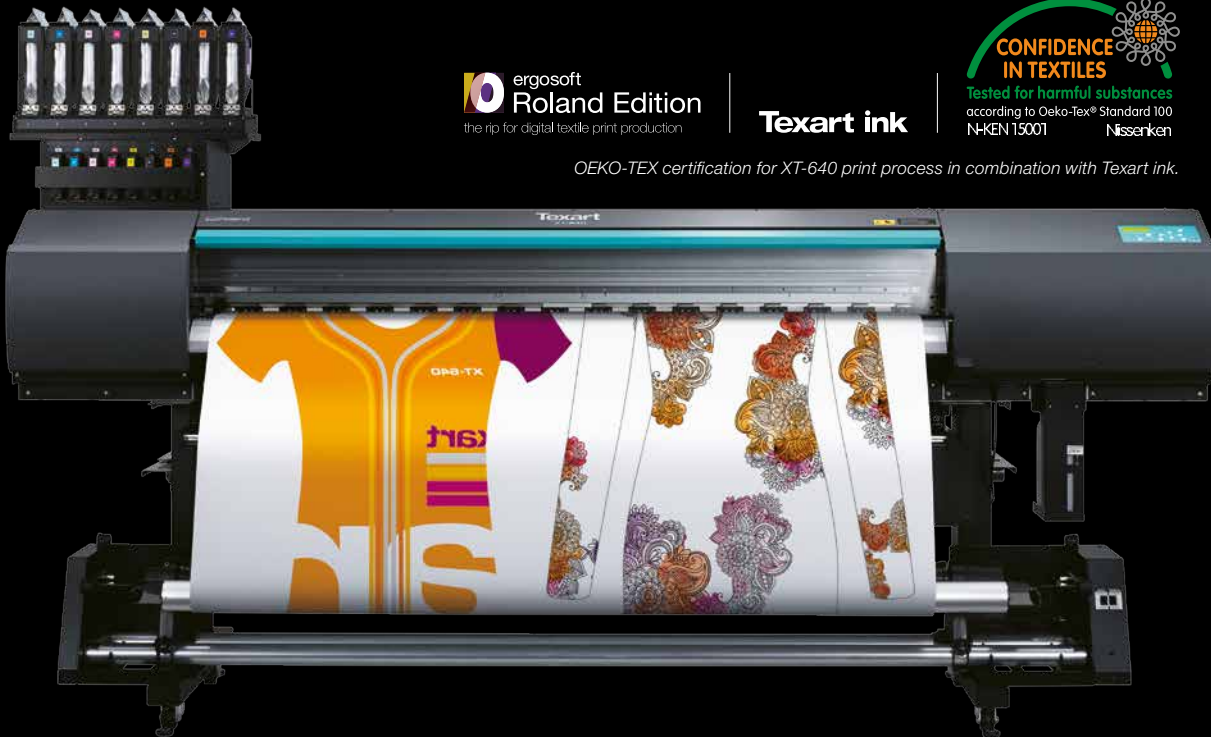
DVE
Digital Value Engineering

STRENGTH AND STYLE

ROLAND DG **TEXART XT-640** SIMPLY POWERFUL **SUBLIMATION PRINTING**

Developed specifically for dye sublimation transfer printing, the Texart XT-640 delivers outstanding productivity, exceptional print quality and renowned reliability. Maximise the strength and style of your output across a wide range of applications including sportswear, fashion, soft signage, interior decoration, promotional merchandise and much more.

Texart
XT-640



ergosoft
Roland Edition
the rip for digital textile print production

Texart ink

**CONFIDENCE
IN TEXTILES**
Tested for harmful substances
according to Oeko-Tex® Standard 100
N-KEN 15001 Nissenken

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



SPORTSWEAR & APPAREL

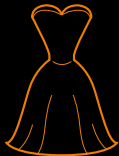


SOFT SIGNAGE



SPORTS ACCESSORIES

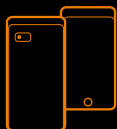




FASHION



INTERIOR DECORATION



GIFTS & MERCHANDISING

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 stability, exceptional print quality and impressive high-speed performance. To capture every gradation and detail, each head fires precise droplets in up to seven different sizes to accommodate media characteristics and desired print quality.



Dual print heads in staggered formation.

UNATTENDED PRINTING WITH PEACE OF MIND.

The XT-640 Roland Ink System ensures stable, long-run printing with one litre airtight sealed pouches. In four colour mode inks are available in two pouches per colour, while the proprietary Roland Ink Switching System automatically switches to the backup ink pouch when the primary pouch runs out – meaning you can replace an empty pouch without stopping the printer. And while you're away from the printer, the Roland Printer Assist iPad* app allows remote management of common printer functions.

* iPad is a trademark of Apple, Inc.



Roland Ink System.

STRENGTH IN PRECISION.

The XT-640 ensures precise media tracking for high-volume production. An advanced vacuum system keeps transfer paper flat for printing, while a new convenient Feed Adjuster at the front and rear of the printer provides even tensioning and prevents skewing of the media, resulting in a precisely wound roll on the take-up reel for smooth transition to the heat transfer process.



Feed Adjuster at front.

Feed Adjuster at rear.

SUPERB QUALITY WITH VIBRANT COLOUR.

The XT-640's advanced print control technology, in combination with Texart ink produces stunning sharp image quality and brilliant vivid colour. For maximum production, the 4 colour ink configuration delivers fine detail and superb contrast at impressive print speeds. To optimise the already wide colour gamut, the 8 colour configuration includes Orange and Violet ink to give your prints maximum impact.

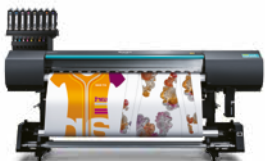


Orange and violet for vivid printing. Black ink for fine details. Light cyan and light magenta for smooth gradations.

HIGH-PERFORMANCE ERGOSOFT ROLAND EDITION RIP INCLUDED.

ErgoSoft Roland Edition is developed especially for Roland DG by ErgoSoft, the textile industry's premier RIP software developer. This feature-packed RIP delivers outstanding productivity and image quality, enabling powerful RIP processing and high density printing with minimal ink usage. Optimising digital textile production with useful features such as Step & Repeat, Color Replace and Scale and Shrinkage Correction.

 ergosoft
Roland Edition
the rip for digital textile print production



Texart XT-640



Specifications		
Printing technology		Piezoelectric inkjet
Media	Width	259 to 1,625 mm (10.2 to 64 in.)
	Thickness	Maximum 1.0 mm (39 mil)
	Roll outer diameter	Maximum 210 mm (8.3 in.)
	Roll weight	Maximum 40 kg (88 lbs.)
	Core diameter*1	76.2 mm (3 in.) or 50.8 mm (2 in.)
Printing width*2		Maximum 1,615 mm (63.6 in.)
Ink pouches	Types	Exclusive sublimation ink pouch
	Colours	Four colours (cyan, magenta, yellow and black) Eight colours (cyan, magenta, yellow, black, light cyan, light magenta, orange and violet)
Printing resolution (dots per inch)		Maximum 1,440 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)		2,835(W) x 830(D) x 1,650 (H) mm (111.7 (W) x 32.7 (D) x 65 (H) in.)
Weight (with stand)		214 kg (471.8 lb.)
Environment	Power on	Temperature: 18 to 25°C (64.4 to 77°F), humidity: 35 to 65%RH (non-condensing)
	Power off	Temperature: 15 to 30°C (59 to 86°F), 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.

*1 The media holder for this machine is exclusively designed for media rolls with a paper tube measuring 3 inches in diameter. To use 2-inch media rolls, the optional media flanges are required.

*2 The length of the production run is subject to the limitations of the software program.

*3 • Media type: Media specified by Roland DG Corp. • Temperature: 25°C (77°F), humidity: 50%. • Roll media must be loaded correctly.

• Excluding expansion/contraction of the media. • All corrections or adjustment function of this machine have been made properly. • Print travel: 1 m.

*4 • Warm-up is required after the power is turned on. This may require 5 to 20 minutes, depending on the operating environment.

• Depending on the ambient temperature and the media width, the set temperature may not be reached.

Oeko-Tex

Roland DG's Texart ink used in the XT-640 dye sublimation transfer printer meets the requirements of Oeko-Tex® Standard 100, class I, which is the most difficult certification in the class. Oeko-Tex® Standard 100 is a global uniform testing and certification system for textile raw materials, intermediate and end products at all stages of production with the aim of completely eliminating harmful substances.

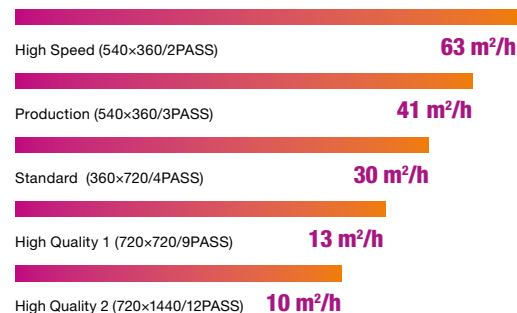


Specifications		
Model	Description	
Texart ink	SBL3-CY	Cyan, 1,000cc
	SBL3-MG	Magenta, 1,000cc
	SBL3-YE	Yellow, 1,000cc
	SBL3-BK	Black, 1,000cc
	SBL3-LC	Light cyan, 1,000cc
	SBL3-LM	Light magenta, 1,000cc
	SBL3-OR	Orange, 1,000cc
	SBL3-VI	Violet, 1,000cc

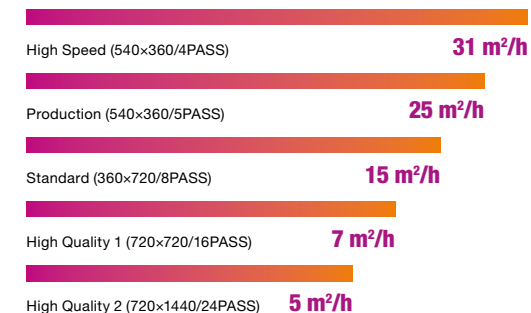
ErgoSoft Roland Edition System Requirements	
Operating System	Windows® 10 (32/64-bit) Windows® 8/8.1 (32/64-bit) Windows® 7 Ultimate / Professional (32/64-bit)
CPU	Quadcore 2.5 GHz or faster recommended
RAM	4 GB or more recommended
Video card and monitor	A resolution of 1,280 x 1,024 or more recommended
Free hard-disk space	40 GB or more recommended
Optical drive	DVD-ROM drive

XT-640 Print speed chart

4 colour print speeds



8 colour print speeds



Roland DG reserves the right to make changes in specifications, materials or accessories without notice. Your actual output may vary. For optimum output quality, periodic maintenance to critical components may be required. Please contact your Roland DG dealer for details. No guarantee or warranty is implied other than expressly stated. Roland DG shall not be liable for any incidental or consequential damages, whether foreseeable or not, caused by defects in such products. All other trademarks are the property of their respective owners. Reproduction or use of copyrighted material is governed by local, national, and international laws. Customers are responsible for observing all applicable laws and are liable for any infringement. Roland DG Corporation has licensed the MMP technology from the TPL Group.