

 Roland

# Texart

Dye Sublimation Transfer Printer **XT-640**



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

# STRENGTH AND STYLE

ROLAND DG **TEXART XT-640**

## 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*



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**Texart ink**



SPORTSWEAR & APPAREL



SOFT SIGNAGE



SPORTS ACCESSORIES





FASHION



INTERIOR DECORATION



GIFTS & MERCHANDISING

## THE 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 – allowing you to easily 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.



Roland Ink System.

\* iPad is a trademark of Apple, Inc.

## 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. Texart Fluor ink is also available in fluorescent pink and yellow.



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 specifically 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.





# Texart XT-640



Texart ink



| 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)<br>Eight colours (cyan, magenta, yellow, black, light cyan, light magenta, orange and violet)<br>Eight colours (cyan, magenta, yellow, black, fluorescent pink, fluorescent yellow, 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.

Please note: an external dryer unit may be required depending upon printing and environmental conditions

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Imagine.



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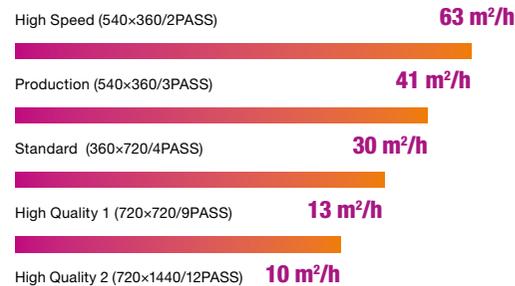
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| Specifications |         |                             |
|----------------|---------|-----------------------------|
| Model          |         | Description                 |
| Texart ink     | SBL3-CY | Cyan, 1,000cc               |
|                | 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             |
|                | SBL3-FY | Fluorescent Yellow, 1,000cc |
|                | SBL3-FP | Fluorescent Pink, 1,000cc   |

## XT-640 Print speed chart

### 4 colour print speeds



### 8 colour print speeds

