



Texart RT-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
	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 1,440 dpi
Distance accuracy*3		Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater
Connectivity		Ethernet (10BASE-T/100BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature
Power requirements		AC 100 to 240 V ±10%, 1.5 A, 50/60 Hz
Power consumption	During operation	Approx. 140 W
	Sleep mode	Approx. 31 W
Acoustic noise level	During operation	62 dB (A) or less
	During standby	49 dB (A) or less
Dimensions (with stand)		2,650 mm (W) x 795 mm (D) x 1,600 mm (H) (104.4 (W) x 31.3 (D) x 63 (H) in.)
Weight (with stand)		160 kg (353 lbs)
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 cord, media clamps, media holder, replacement blades for separating knife, 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 Corporation.
•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



Ink		
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

Roland VersaWorks System Requirements	
Operating System	Windows® 8/8.1 (32/64-bit) Windows® 7 Ultimate / Professional (32/64-bit) Windows Vista® Ultimate / Business (32/64-bit)
CPU	Intel® Core™ 2 Duo, 2.0 GHz or faster recommended
RAM	2 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
Other	Internet connection and web browser to use Roland@NET and VersaWorks Online

*Roland VersaWorks is a 32-bit application, which runs on 64-bit Windows® with WoW64 (Windows 32-bit on Windows 64-bit). *Windows® RT is excluded.

ErgoSoft Roland Edition System Requirements	
Operating System	Windows® 8/8.1 (32/64-bit) Windows® 7 Ultimate / Professional (32/64-bit) Windows Vista® Ultimate / Business (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

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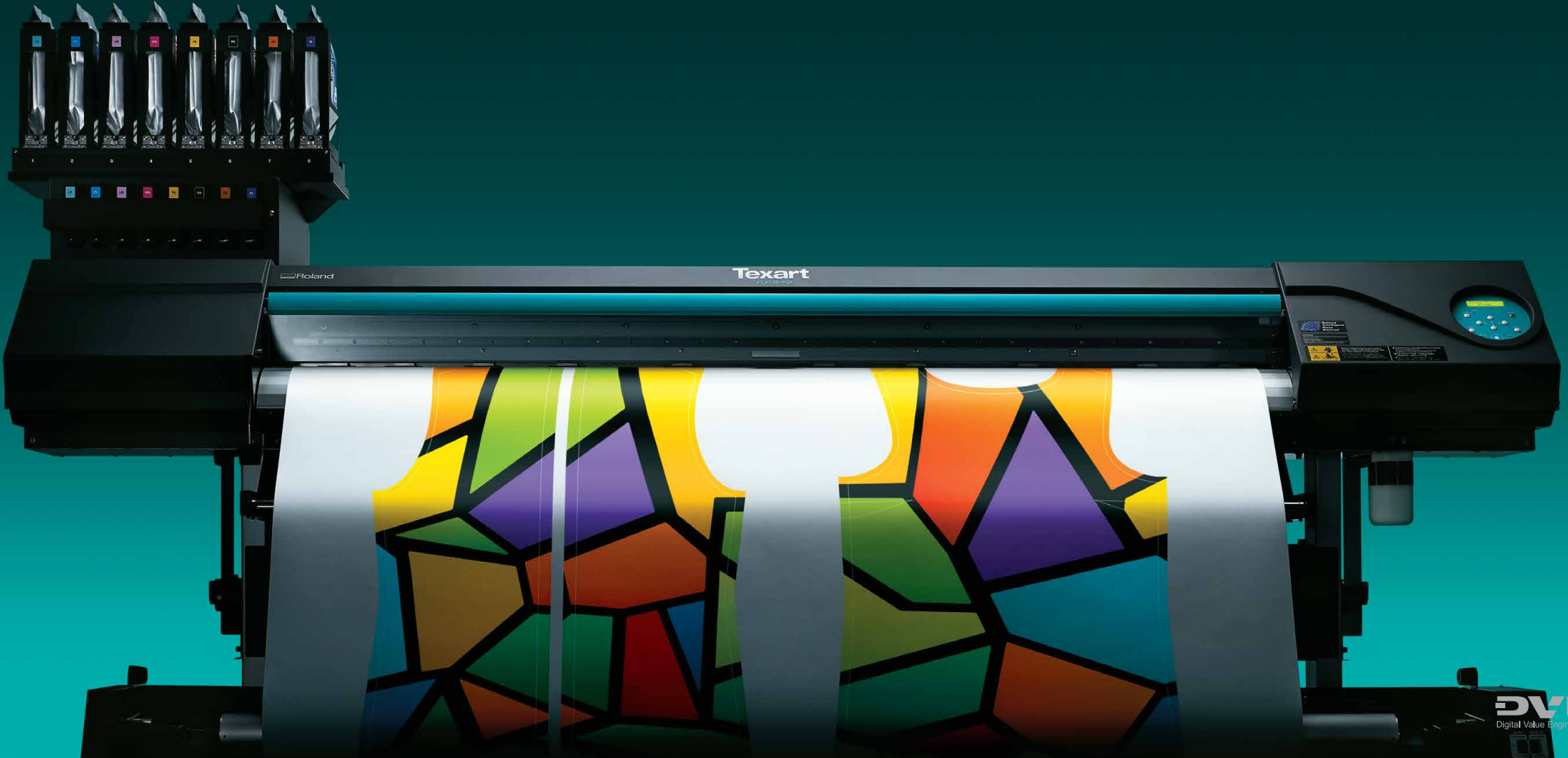
AUTHORIZED DEALER:

Printed in Japan. RDG-416101399 14 OCT C-3 D-S

www.rolanddg.com

Imagine.
Roland

Texart
Dye Sublimation Transfer Printer
RT-640



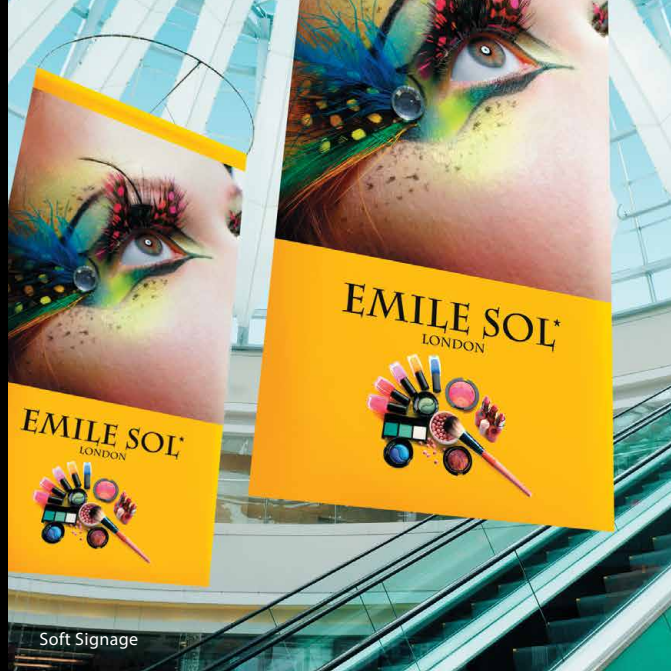
Simply Brilliant

Exceptional sublimation performance and value

Fashion Apparel

Sports Apparel

Original Goods



The Texart delivers the refined and expressive power of textiles right down to the finest detail.

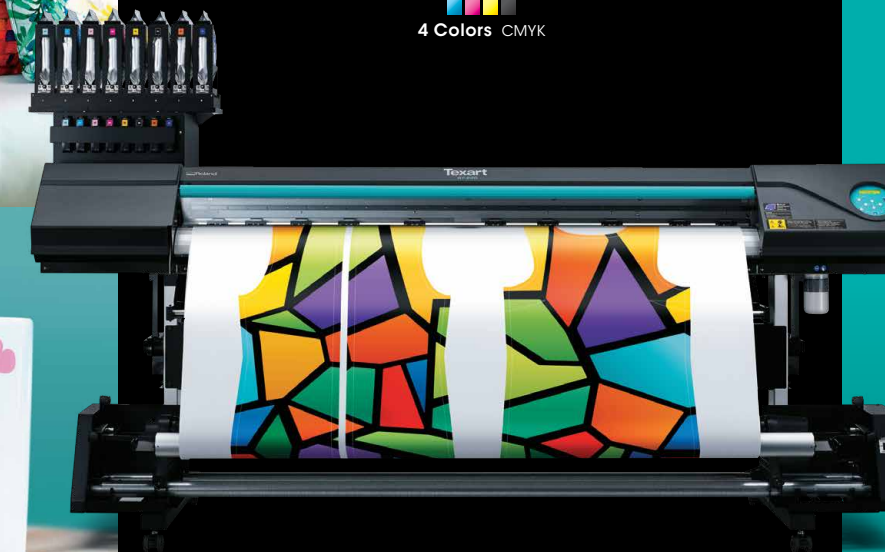
Developed specifically for textiles, the RT-640 provides superb quality, vivid coloring and highly stable performance.

The RT-640 can add value to your business through a wide range of applications including apparels, signs, interior décors, and original goods.

Texart RT-640

8 Colors CMYK+Lm+Or(Orange)+Vi(Violet)

4 Colors CMYK



Superb quality with bright and vivid colors

The RT-640 with Roland DG's new Texart ink delivers bold and vibrant colors, deep and rich blacks, subtle gradations and remarkable fine detail. With the addition of Orange and Violet ink, the Texart ink offers a broader range of colors, enabling vivid printing with high contrast. The new Black ink has depth and density to produce accurate, intense and high-class graphics. Through the RT-640's optimized print control technology, beautifully sharp print image quality can be achieved to bring out the full expressive powers of Texart ink.

Built for speed and precise media tracking

Among entry-level dye sublimation transfer printers, the RT-640 has achieved the industry's highest level of practical print speed, 22.0m²/h. Optimized fan absorption power keeps transfer paper flat for printing. Furthermore, a newly designed Feed Adjuster at the front and back provides even tensioning and prevents skewing. The results are a precisely wound roll on the take-up reel for smooth transition to the next heating process.

4 color print speeds

High Speed (540x360/2PASS)	32.6 m ² /h
Production (540x360/3PASS)	22.0 m ² /h
Standard (360x720/4PASS)	16.0 m ² /h
High Quality 1 (720x720/8PASS)	8.0 m ² /h
High Quality 2 (720x1440/16PASS)	4.0 m ² /h

8 color print speeds

High Speed (540x360/4PASS)	16.0 m ² /h
Production (540x360/6PASS)	10.7 m ² /h
Standard (360x720/8PASS)	8.0 m ² /h
High Quality 1 (720x720/12PASS)	5.4 m ² /h
High Quality 2 (720x1440/24PASS)	2.2 m ² /h

Two ink supply systems for unattended continuous printing

The new Roland DG Ink System ensures stable printing with one liter airtight sealed pouches. When in four-color mode, the system provides two liters per color. The proprietary Roland DG Ink Switching System automatically switches to the backup ink pouch when the primary pouch runs out. Further expediting production, you can replace an empty pouch without stopping the printer.

Choose from two powerful RIPs

To operate your Roland DG Texart RT-640 printer, you can choose from either of two professional RIPs: ErgoSoft Roland DG Edition 3, which boasts excellent reliability and a well-deserved reputation for quality in the textile printing industry, and Roland DG VersaWorks, which provides easy, intuitive operation even for first-time users. Your RIP preference can be selected when purchasing your printer.

Texart ink



Vivid orange and violet hues combine with deep, velvety blacks to deliver brilliant, well-balanced color.

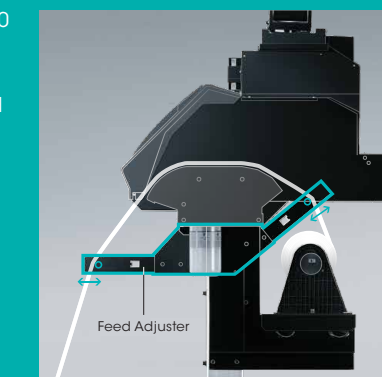


Image of the Feed Adjuster



ergosoft
Roland Edition
the rip for digital textile print production

8 Colors CMYK+Lm+OrVi
4 Colors CMYK

RIP & PRINT MANAGEMENT SOFTWARE
Roland VersaWorks

4 Colors CMYK