

Imagine.

 Roland

Texart

Dye Sublimation Transfer Printer **RT-640**



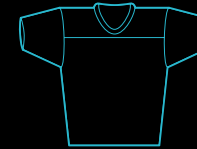
DVE
Digital Value Engineering

RIDE THE CHALLENGE WITH ROLAND'S NEW SUBLIMATION PRINTER

Developed specifically for dye sublimation, the Texart RT-640 provides superb quality, vivid colouring and highly stable performance. The RT-640 can add value to your business through a wide range of applications including apparel, signs, interior décor, fashion and original goods.



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APPAREL



TECHNICAL ATHLETIC
ACCESSORIES





Superb quality with bright and vivid colours

The RT-640 with Roland's new Texart ink delivers bold and vibrant colours, strong rich blacks with subtle gradations and remarkable fine detail. With the addition of Orange and Violet, the Texart ink offers an extremely wide colour gamut, enabling vivid printing with high contrast. The new Black ink has depth and density to produce accurate, intense and high-class output. Through the RT-640's optimised print control technology, beautifully sharp print image quality can be achieved.

Built for speed and precise media tracking

The RT-640 has a production quality print speed of 22.0m²/h and a maximum speed of 32.6m²/h. The optimised vacuum fan keeps transfer paper flat for printing. Furthermore, a newly designed media 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 to aid smooth transition to the next heat press process.

4 colour print speeds

High Speed (540×360/2PASS)	32.6 m ² /h
Production (540×360/3PASS)	22.0 m ² /h
Standard (360×720/4PASS)	16.0 m ² /h
High Quality 1 (720×720/8PASS)	8.0 m ² /h
High Quality 2 (720×1440/16PASS)	4.0 m ² /h

8 colour print speeds

High Speed (540×360/4PASS)	16.0 m ² /h
Production (540×360/6PASS)	10.7 m ² /h
Standard (360×720/8PASS)	8.0 m ² /h
High Quality 1 (720×720/12PASS)	5.4 m ² /h
High Quality 2 (720×1440/24PASS)	2.2 m ² /h

Two ink supply systems for unattended continuous printing

The new Roland Ink System ensures stable printing with one litre airtight sealed pouches and in four-colour mode, provides two litres per colour. The proprietary Roland Ink Switching System automatically switches to the other ink pouch to enable continuous printing. Further expediting production, you can replace an empty pouch without stopping the printer.

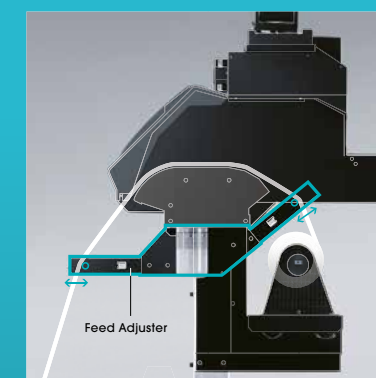
Choose from two powerful RIPs

To operate your Roland Texart RT-640 dye sublimation printer, you have a choice of two professional RIPs. On the one hand ErgoSoft Roland Edition, which boasts a full range of textile-specific features and has a well-deserved reputation for quality in the textile printing industry. On the other hand Roland VersaWorks, which provides easy, intuitive operation even for first-time users. Your RIP preference can be selected when purchasing your printer.

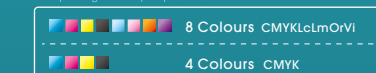
Texart ink



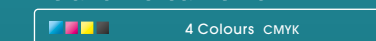
Vivid orange and violet hues combine with deep, velvety blacks to deliver brilliant, well-balanced colour.



ergosoft
Roland Edition
the rip for digital textile print production



RIP & PRINT MANAGEMENT SOFTWARE
Roland VersaWorks





Texart RT-640

Specifications		
Printing technology		Piezoelectric inkjet
Media	Width	259 to 1625 mm
	Thickness	Maximum 1mm
	Roll outer diameter	Maximum 210mm
	Roll weight	Maximum 40 kg
	Core diameter *1	76,2mm or 50,8mm
Printing width *2		Maximum 1615 mm
Ink pouches	Types	SBL3 dye sublimation ink (1L ink pouch)
	Colours	Four colours (cyan, magenta, yellow and black) or eight colours (cyan, magenta, yellow, black, light cyan, light magenta, orange and violet)
Printing resolution (dpi)		Maximum 1440 dpi
Distance accuracy*3		Error of less than ±0,3 % of distance travelled, 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 - 240V ±10%, 1,5A, 50/60Hz
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)		2650mm (W) × 795mm (D) × 1600mm (H)
Weight (with stand)		160 kg
Environmental	Power on	Temperature 18°C to 25°C, Humidity 35 to 65% RH (no condensation)
	Power off	Temperature 15°C to 30°C, Humidity 20 to 80% RH (no condensation)
Included items		Exclusive stands, power cord, media clamps, media holder, replacement blades for separating knife, user manual etc.

- *1 The media holder of 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, 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: 1m.



Ink		
Model		Description
Texart ink	SBL3-CY	Cyan, 1000cc
	SBL3-MG	Magenta, 1000cc
	SBL3-YE	Yellow, 1000cc
	SBL3-BK	Black, 1000cc
	SBL3-LC	Light cyan, 1000cc
	SBL3-LM	Light magenta, 1000cc
	SBL3-OR	Orange, 1000cc
	SBL3-VI	Violet, 1000cc

Roland VersaWorks System Requirements	
Operating system	Windows® 8/8.1 (32/64-bit)
	Windows® 7 Professional/Ultimate (32/64-bit)
	Windows Vista® Business/Ultimate (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 1280 x 1024 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 Professional/Ultimate (32/64-bit)
	Windows Vista® Business/Ultimate (32/64-bit)
CPU	Quadcore 2.5 GHz or faster recommended
RAM	4 GB or more recommended
Video card and monitor	A resolution of 1280 x 1024 or more recommended
Free hard-disk space	40 GB or more recommended
Optical drive	DVD-ROM drive

Roland DG products that feature this environmental label meet the company's criteria for environmental consciousness, a set of standards based on ISO 14021 self-declaration type II. For more information, please visit www.rolanddg.com.



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