



## 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)
Powersaving 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

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](http://www.rolanddg.com).



Roland 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 dealer for details. No guarantee or warranty is implied other than expressly stated. Roland shall not be liable for any incidental or consequential damages, whether foreseeable or not, caused by defects in such products. PANTONE® is the property of Pantone LLC. 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.

Imagine.

**Roland®**

**Roland DG North Europe A/S**  
Engholm Parkvej 5  
DK-3450 Allerød  
T: +45 88 82 20 00

[www.rolanddg.eu](http://www.rolanddg.eu)



[facebook.com/RolandDGN](https://facebook.com/RolandDGN)

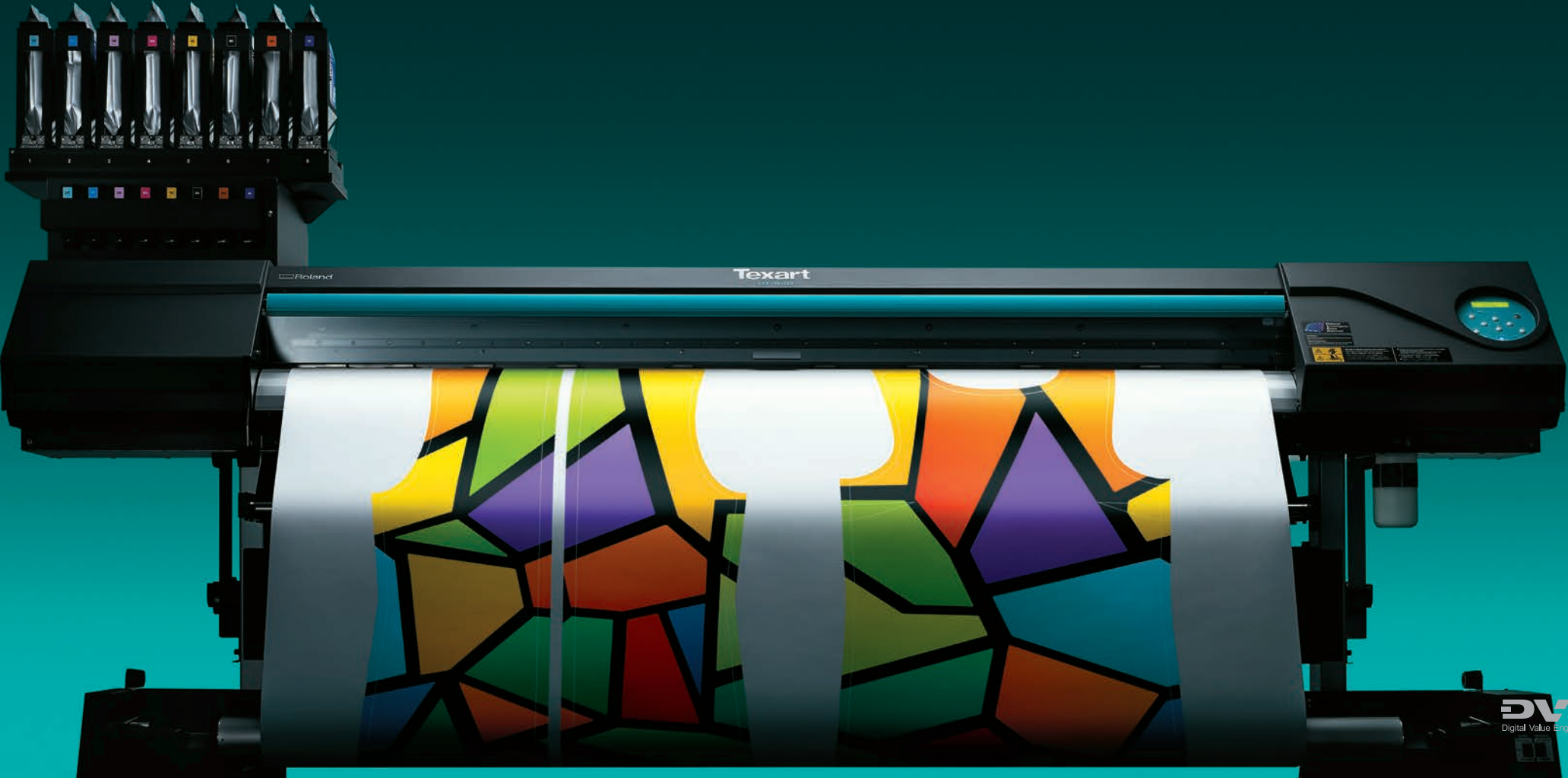


Follow Roland DG North Europe

Imagine.  
**Roland®**

# Texart

Dye Sublimation Transfer Printer *RT-640*



**DVE**  
Digital Value Engineering



# Simply Brilliant

Exceptional sublimation performance and value

Fashion Apparel

Sports Apparel

Original Goods



Soft Signage



Interior Décor



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'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, 22.0m<sup>2</sup>/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 (540×360/2PASS) **32.6** m<sup>2</sup>/h  
Production (540×360/3PASS) **22.0** m<sup>2</sup>/h  
Standard (360×720/4PASS) **16.0** m<sup>2</sup>/h  
High Quality 1 (720×720/8PASS) **8.0** m<sup>2</sup>/h  
High Quality 2 (720×1440/16PASS) **4.0** m<sup>2</sup>/h

#### 8 color print speeds

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

### Texart ink



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

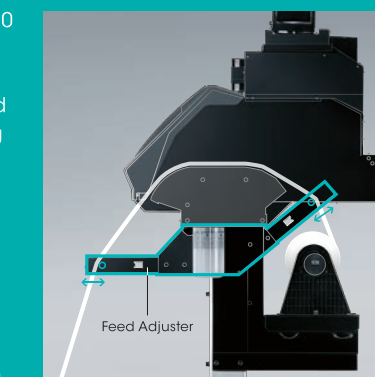


Image of the Feed Adjuster

### Two ink supply systems for unattended continuous printing

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

