



315 to 1,625 mm (12.4 to 64 in.)

Max. 1,600 mm (63 in.)

Maximum 1,440 dpi

30 to 300 gf

0.025 mm/step

±0.1 mm or less

Automatic sleep feature

Roll outer diameter Maximum 210 mm (8.3 in.)

Core diameter 76.2 mm (3 in.) or 50.8 mm (2 in

Roll weight Max. 40 kg (88 lb.)

Piezo ink-jet method/media-moving method

220-cc cartridge (metallic silver, white)

10 to 600 mm/s (Media-feed direction: 10 to 300 mm/s)

Ethernet (10BASE-T/100BASE-TX, automatic switching)



Maximum 1.0 mm (39 mil) with liner, for printing
Maximum 0.4 mm (16 mil) with liner and 0.22 mm (9 mil) without liner, for cutting

440-cc cartridge (cyan, magenta, yellow, black, light cyan, light magenta, light black)

Seven colors (cyan, magenta, yellow, black, light cyan, light magenta, light black) or, Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, white) or,

Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, metallic silver, white)

Type: Roland CAMM-1 series compatible Blade offset: 0.000 to 1.500 mm(0 to 0.059 in

Error of less than ±0.3 % of distance traveled, or ±0.3 mm, whichever is greater Error of less than ±0.4 % of distance traveled, or ±0.3 mm, whichever is greater When distance correction has been performed (when the setting for [CUTTING MENU] - [CALIBRATION] has been made]:

Error of less than ±0.2% of distance traveled, or ±0.1 mm, whichever is greater

Error of less than ±0.5 % of distance traveled, or ±3 mm, whichever is greater

During operation: Approx. 1,600 W Sleep mode: Approx. 47 W

During operation: 65 dB (A) or less During standby: 45 dB (A) or less

Heating type, setting range for the preset temperature: 30 to 55°C (86 to 130°F) Print heater / preheater, setting range for the preset temperature: 30 to 50°C (86 to 122°F)

Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (non-condensing)

Exclusive stands, power cord, blade, blade holder, media clamps, media holder,

replacement blade for separating knife, software RIP, User's Manual, etc.

AC 100 to 120 V $\pm 10\%$, 12 A, 50/60 Hz or AC 220 to 240 V $\pm 10\%$, 6.5 A, 50/60 Hz

Temperature: 15 to 32°C (59 to 90°F) (20°C [68°F] or more recommended), humidity: 35 to 80%RH

Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, metallic silver) or,



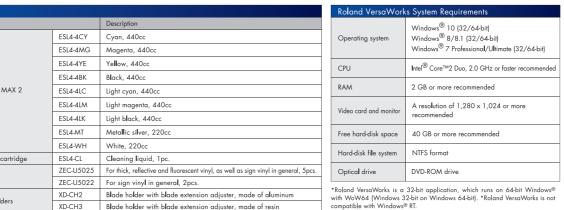












Optional DU-640 heater and blower specifications		
Dryer unit		Heating type (with blower fan), setting range for the preset temperature: 30 to 55°C(86 to 130°F)*1
Power requirements*2		AC 100 to 120V ±10%, 5 A, 50/60 Hz or AC 220 to 240 V ±10%, 3 A, 50/60 Hz
Power consumption		Approx. 650 W
Weight		26 kg (57 lb.)
Environmenta l	Power on	Temperature: 15 to 32°C [59 to 90°F]—[20°C [68°F] or more recommended], humidity: 35 to 80% (no condensation)
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80% (no condensation)
Included items		Power cord, arms, bushing, cable clamps, stays, hexagonal wrench, bolts, washers, User's Manual

^{*1} Warm-up is required after powerup. This may require 5 to 20 minutes, dependiving on the operating environment. Depending on the ambient temperature and media width, the preset temperature may fail to be reached. *2 Be sure to connect the machine to an unshared electrical circuit. Be sure to verify the amperage of the circuit breaker or fuse used.

*1 The length of printing or cutting is subject to the limitations of the program. *2 *Media type: Media specified by Roland DG Corporation. *Temperature: 25°C (77°F), humidity: 50% *Roll media must be loaded correctly. *Applicable when all pinch rollers available to the media width are used. *Side margins: 25 mm or more for both the left and right margins *Front margin: 35 mm or more *Excluding expansion/contraction of the media *Not assured when the print heater or dryer is used. All correction or adjustment function of this machine has been made properly. *3 *Print travel: 1 m *4 *[PREFEED] menu item must be set to "ENABLE." Range for assured repetition accuracy *For media with a width exceeding 610 mm: Length 4,000 mm *For media with a width of 610 mm or less: Length 8,000 mm *5 *Provided that media length is under 3,000 mm *Excludes the effects of slanted movement and of expansion and contraction of the media. *6 *Data size:1,000 mm in the media-feed direction, 1,600 mm in the carriage-movement direction. *No lamination *Automatic detection of crop marks at 4 points when media is reloaded. During cutting, [PREFEED] menu item must be set to "ENABLE." Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media. *7 ·Warm up is required after power up. This may require 5 to 20 minutes, depending on the operating environment. Depending on the ambient temperature and media width, the preset temperature may not be reached.

About Metallic Silver and White Inks

Due to the nature of white and silver inks, one year for white inks, one year for white inks, and one to three years for CMYK inks, one year for white ink, and one to three years for metallic silver ink, depending on the media used. Roland DG strongly recommends lamination for both indoor and outdoor graphics to ensure the quality of metallic inks.

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. Adobe, PostScript Ja and the PostScript Jay are trademarks of Adobe Systems Incorporated. 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.



Printed in Japan. RDG-416093399 16 JUN AE-2 D-S

www.rolandda.com







CREATIVE FORCE

PRO4 innovation powers your imagination

How far can your imagination take you? With the SOLJET PRO4 XR-640, the answer is simple: No boundaries. The PRO4 XR-640 is Roland DG's newest flagship inkjet print/cut solution for the SOLJET family of printers. You can build your business – and your reputation – on the XR-640's exceptional image quality, all the while offering the most popular and profitable applications that are simply out of your competition's reach. Across the industry, Roland DG PRO series inkjets are renowned for quality engineering, reliable performance and unmatched versatility. Offering improved productivity,

photorealistic imaging, integrated contour cutting and specialty inks for premium finishes and effects, the XR-640 transforms output into art.



We need to express ourselves, without limits

Latest dual print heads precisely control each dot

To deliver the outstanding image quality sought by professionals in the sign business, the XR-640 is equipped with the latest dual print heads, which fire droplets of seven different sizes to optimize image auality for the specific media and print resolutions selected. The XR-640's print control technology, high performance print heads and ECO-SOL MAX 2 inks draw out every detail for unsurpassed image quality. Ink adhesion has been drastically improved through the fine

tuning of our ink chemistry, precise head control and drop placement. This allows for high-density coverage as well as deep, rich colors that can create subtle nuances within the image, for the most discerning customers.



New ECO-SOL MAX 2 delivers beautifully sharp image auglity

ECO-SOL MAX 2 is a new generation of Roland DG's award-winning eco-solvent ink, featuring outstanding long-term outdoor durability, scratch and chemical resistance, broad media support and a wide gamut – all with no nickel compounds. ECO-SOL MAX 2 is engineered for stable.

consistent output, and produces even colors with sharp images and text, These enhancements bring out every detail for the highest print quality.







We want smooth, accurate colors

New light black ink for seamless gradations

In addition to CMYKLcLm, new light black (Lk) ink has been introduced with ECO-SOL MAX 2. Light black makes a significant difference to any printed image, delivering highly accurate colors and seamless aradations. With light black, you will achieve a neutral gray for smooth aray scale aradations and precise photographic images, Light black also enhances color stability for the reproduction of skin tones and other colors containing natural hues. With light black, you can create the rich subtleties for posters, decorative backlits and wraps that draw consumers in and reflect the image of a high-end brand.

remarkably smooth skin tones







We search for new ways to express ourselves

White and metallic silver inks produce profitable new applications

white text, araphics and floods.



The XR-640 with the new white and metallic silver inks has achieved excellent productivity, almost double that of predecessor's in the same class. In fact, the standard mode of the XR-640 can match the image quality and density of its predecessor's high quality mode. As a result, you

We value freedom of expression

Print & Cut technology enables you to cut anv shape







We rely on high productivity and outstanding image quality

High-speed performance for volume production, up to 21.6m²/h in production quality

The XR-640 features a dual inline print head configuration that is mirrored through seven colors to ensure consistent imaging with bi-directional printing. This highly advanced system prints up to 21,6m²/h for both banners and vinyl in production quality, Roland's Intelligent Pass Control® further enhances image quality by precisely controlling the placement, quantity and density of ink in order to dramatically reduce banding.



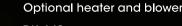
Roland VersaWorks

Roland VersaWorks now features a PANTONE® library

The XR-640 comes with Roland VersaWorks RIP and print management software. When using the PANTONE® library within VersaWorks, the PANTONE® spot color used in the design file is automatically converted to a CMYK value and then closely matched to a color within the agmut of the ECO-SOL MAX 2 ink set, This simplified workflow reduces the amount of time required for color matching and enables quick output of specific colors when working with a properly profiled media. You can also replace spot colors with any of the colors included in the Roland Color System, VersaWorks' own library of more than 1,000 standard colors and 512 metallic shades.











system, as well as an extended heater and blower* which are available as options to further accelerate the ink-drying process. These options also ensure peace of mind when working with white and metallic inks and when using the built-in take-up system during

Nine different ink colors (CMYKLcLmLkMtWh) provide a variety of printer configurations For accurate color reproduction at all print speeds, the CMYKLmLcLkLkLcLmKYMC can now print high quality large-scale items in a much shorter time frame. 8 Colors CMYKLcLm+ Light Black (Lk) + Metallic Silver (Mt) / Mile (Wh) / Mile