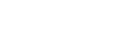


**PRO4**  
Print & Cut SOLJET PRO4 XR-640



**SOLJET PRO4 XR-640**



Specifications		
Media	Printing/cutting method	Piezo ink-jet method/media-moving method
	Width	315 to 1,625 mm (12.4 to 64 in.)
	Thickness	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
	Roll outer diameter	Maximum 210 mm (8.3 in.)
	Roll weight	Max. 40 kg (88 lb.)
Ink cartridges	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)
	Printing/cutting width*1	Max. 1,600 mm (63 in.)
	Types	440cc cartridge (cyan, magenta, yellow, black, light cyan, light magenta, light black) 220cc cartridge (metallic silver, white)
	Colors	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, light black, metallic silver) or, Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, white)
	Printing resolution (dots per inch)	Maximum 1,440 dpi
Ink	Cutting speed	10 to 600 mm/s (Media-feed direction: 10 to 300 mm/s)
	Blade force	30 to 300 gf
	Cutting blade	Type: Roland CAMM-1 series compatible Blade offset: 0.000 to 1.500 mm (0 to 0.059 in.)
	Cutting resolution (when cutting)	0.025 mm/step
	Distance accuracy (when printing)*1,*3	Error of less than ±0.3 % of distance traveled, or ±0.3 mm, whichever is greater
Ink	Distance accuracy (when cutting)*2	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
	Repeatability (when cutting)*2,*4	±0.1 mm or less
	Alignment accuracy for printing and cutting*2,*5	±0.5 mm or less
	Alignment accuracy for printing and cutting when reloading media*2,*6	Error of less than ±0.5 % of distance traveled, or ±3 mm, whichever is greater
	Dryer unit	Heating type, setting range for the preset temperature: 30 to 55°C (86 to 130°F)
Ink	Ink-fixing device*7	Print heater / preheater, setting range for the preset temperature: 30 to 50°C (86 to 122°F)
	Connectivity	Ethernet (10BASE-T/100BASE-TX, automatic switching)
	Power-saving function	Automatic sleep feature
	Power requirements	AC 100 to 120 V ±10%, 12 A, 50/60 Hz or AC 220 to 240 V ±10%, 6.5 A, 50/60 Hz
	Power	During operation: Approx. 1,600 W Sleep mode: Approx. 47 W
Ink	Acoustic noise level	During operation: 65 dB (A) or less During standby: 45 dB (A) or less
	Dimensions (with stand)/Weight (with stand)	2,948 (W) x 1,211 (D) x 1,260 (H) mm (116.1 (W) x 47.7 (D) x 49.6 (H) in.) / 205 kg (452 lb.)
	Environmental	Power on Temperature: 15 to 32°C (59 to 90°F) [20°C (68°F) or more recommended], humidity: 35 to 80%RH (non-condensing)
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (non-condensing)
	Accessories	Exclusive stands, power cord, blade, blade holder, media clamps, media holder, replacement blade for separating knife, software RIP, User's Manual, etc.

Ink	
Model	Description
ECO-SOL MAX 2	ESL4-4CY Cyan, 440cc
	ESL4-4MG Magenta, 440cc
	ESL4-4YE Yellow, 440cc
	ESL4-4BK Black, 440cc
	ESL4-4LC Light cyan, 440cc
	ESL4-4LM Light magenta, 440cc
	ESL4-4LK Light black, 440cc
	ESL4-MT Metallic silver, 220cc
	ESL4-WH White, 220cc
	ESL4-CL Cleaning liquid, 1 pc.
Cleaning cartridge	ZEC-US025 For thick, reflective and fluorescent vinyl, as well as sign vinyl in general, 5pcs.
Blades	ZEC-US022 For sign vinyl in general, 2pcs.
Blade Holders	XD-CH2 Blade holder with blade extension adjuster, made of aluminum
	XD-CH3 Blade holder with blade extension adjuster, made of resin

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.)
Environmental	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, depending 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, the pigment in these inks will settle in the cartridge and ink flow system, requiring you to shake the cartridge before each use. Outdoor durability is 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, PostScript 3 and the PostScript logo 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.

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