Specifications

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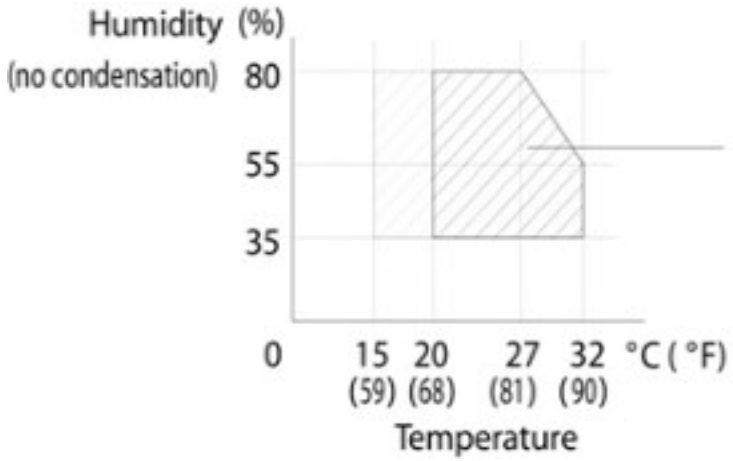
SOLJET EJ-640 Specifications			
Printing technology	Piezoelectric inkjet		
Media	Width	10.2 to 64 in. (259 to 1625 mm)	
	Thickness	Maximum 39 mil (1.0 mm) with liner	
	Roll diameter	Maximum 8.3 in (210 mm)	
	Roll weight	88 lbs (40 kg)	
	Core diameter *1	3 in (76.2 mm) or 2 in (50.8 mm)	
Printing Width *2		Max. 63.6 in. (1615 mm)	
Ink cartridges	Type	EJ INK	
	Capacity	1,000-cc cartridge	
	Colors	CMYKLcLmLk	
		CMYKKYMC	
Print resolution	Dots per in	Maximum 1,440 dpi	
Print Modes	Resolution	Pass	Speed
4 COLOR CMYK			
Max Speed (Banner)	360x360	1	1098 ft2/h (102 m2/h)
Billboard (Banner)	540x360	2	678 ft2/h (63 m2/h)
High Speed (Banner)	540x360	4	334 ft2/h (31 m2/h)
Standard (Banner)	720x720	5	258 ft2/h (24 m2/hr)
High Quality (Banner)	720x1440	9	140 ft2/h (13 m2/h)
High Speed (Vinyl)	360x720	4	323 ft2/h (30 m2/h)
Standard (Vinyl)	720x720	6	215 ft2/h (20 m2/hr)
	720x720	8	161 ft2/h (15 m2/h)
High Quality (Vinyl)	720x1440	12	108 ft2/h (10m2/h)
7 COLOR CMYKLcLmLk			
High Speed (Banner)	540x360	8	172 ft/2/h (16 m2/h)
Standard (Banner)	720x720	10	129 ft2/h (12 m2/h)
High Quality (Banner)	720x1440	18	65 ft2/h (6 m2/h)
High Speed (Vinyl)	360x720	8	161 ft2/h (15 m2/h)
Standard (Vinyl)	720x720	12	108 ft2/h (10m2/h)
High Quality (Vinyl)	720x1440	20	59 ft2/h (5.5 m2/h)
Distance accuracy *3 *4	Error of less than ±0.3% of distance traveled, or ±0.3 mm, whichever is greater		
Media heating system *5	Print heater	Setting range for the preset temperature: 30 to 45ºC (86 to 112ºF)	
	Dryer	Setting range for the preset temperature: 30 to 55ºC (86 to 131ºF)	
Connectivity	Ethernet (10BASE-T/100BASE-TX, automatic switching)		
Power-saving function	Automatic sleep feature		
Power requirements	AC 100 to 120 V ±10%, 11 A, 50/60 Hz or		
	AC 220 to 240 V ±10%, 5.5 A, 50/60 Hz		
Power consumption	During operation	1450 w	
	Sleep mode	75 w	
Acoustic noise level	During operation	62 dB (A) or less	
	During standby	45 dB (A) or less	
Environmental	Power on	Temperature: 15 to 32ºC (59 to 90ºF) [20ºC (68ºF) or more recommended], Humidity: 35 to 80%RH (no condensing)	
	Power off	Temperature: 5 to 40ºC (41 to 104ºF), humidity: 20 to 80%RH (no condensation)	
Dimensions (with stand)	108in (2,750mm) W x 31in (785mm) D x 59.9in (1,520mm) H		
Weight (with stand)	485 lb (220 kg)		
Included items	Dedicated stands, power cord, media clamps, media holders, replacement blade for separating knife, software RIP, User's Manual, etc.		

Optimal Print Environment



Application software compatible with Cutting and Print & Cut

Adobe® Illustrator® 10, CS, CS2, CS3, CS4, CS5, CS6
CorelDRAW® 11, 12, X3, X4, X5

Roland VersaWorks System Requirements	
Operating system	Windows® 8, Windows® 7, Windows Vista®, Windows® XP
CPU	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 resolution or more recommended
Free hard-disk space	40 GB or more recommended
Hard-disk file system	NTFS format
Optical drive	DVD-ROM drive

*1 The media holder of this machine is exclusively for media with a paper tube core inner diameter of 3 inches. To use a 2-inch media core, please use the optionally available media flanges.

*2 All speeds bi-directional. The length of printing is subject to the limitations of the program.

*3 Using Roland specified media, loaded correctly, temperature: 25 ºC (77ºF), humidity: 50 %RH, all pinch rollers are used, 25 mm or more for both right and left margins and 35 mm or more front margin, excluding expansion or contraction of the media, and all correction and adjustment functions of this machine have been made properly. Not assured when the print heater or dryer is used.

*4 Using Roland specified media, print travel of 1 m.

*5 Warm-up is required after power-up. This may require 5 to 20 minutes, depending on the operating environment. The preset temperature may fail to be reached depending on the ambient temperature and media width.