SOLJET EJ-640

Roland VersaWorks Dual · EJ INK · Roland Intelligent Pass Control · Roland OnSupport · Roland DG Creative Center · Roland DG Academy · Roland DG Care

Specifications

Printing technology		Piezoelectric inkjet
Media	Width	259 to 1,625 mm (10.2 to 64 in.)
	Thickness	Max. 1.0 mm (39 mil) with liner
	Roll outer diameter	Max. 210 mm (8.3 in.)
	Roll weight	Max. 40 kg (88 lb.)
	Core diameter*¹	76.2 mm (3 in.) or 50.8 mm (2 in.)
Printing width*²		Max. 1,615 mm (63.6 in.)
Ink cartridges	Types	EJ INK 1,000-cc cartridge
	Colors	Four colors (cyan,magenta,yellow,black) Seven colors (cyan,magenta,yellow,black,light cyan,light magenta, and light black)
Printing resolution (dots per inch)		Max. 1,440 dpi
Distance accuracy*³		Error of less than ±0.3% of distance traveled or ±0.3 mm, whichever is greater
Media heating system*⁴		Print heater and preheater set temperature: 30 to 45°C (86 to 112°F) Dryer set temperature: 30 to 55°C (86 to 131°F)
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Power requirements		AC 100 to 120 V ±10%, 11.0 A, 50/60 Hz or AC 220 to 240 V ±10%, 5.5 A, 50/60 Hz
Power consumption	During operation	Approx. 1,450W
	Sleep mode	Approx. 75 W
Acoustic noise level	During operation	62 dB (A) or less
	During standby	45 dB (A) or less
Dimensions (with stand)		2,750(W) x 785(D) x 1,520 (H) mm (108 (W) x 31 (D) x 59.9 (H) in.)
Weight (with stand)		220 kg (485 lb.)
Environment	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)
Included items		Dedicated stands, power cord, media clamps, media holders, replacement blade for separating knife, software RIP, 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. •All correction and adjustment functions of this machine have been made properly. •Print travel: 1 m *4 •Warm-up is required after the power is turned on. 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.

Ink

Model		Description
EJ INK	EJ-CY	Cyan, 1,000cc
	EJ-MG	Magenta, 1,000cc
	EJ-YE	Yellow, 1,000cc
	EJ-BK	Black, 1,000cc
	EJ-LC	Light cyan, 1,000cc
	EJ-LM	Light magenta, 1,000cc
	EJ-LK	Light black, 1,000cc
Cleaning liquid	SL-CL	1pc.

Roland VersaWorks Dual System Requirements

Operating system	Windows® 10 (32/64-bit) Windows® 8/8.1 (32/64-bit) Windows® 7 Professional / 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 1,280 x 1,024 or more recommended
Free hard-disk space	40 GB or more recommended
Hard-disk file system	NTFS format
Optical drive	DVD-ROM drive

*Roland VersaWorks Dual is a 32-bit application, which runs on 64-bit Windows® with WoW64 (Windows 32-bit on Windows 64-bit).

Optional heater and blower

DU2-64

To further increase your productivity, we recommend our optional heater and blower unit. The new, redesigned heater delivers even temperature distribution across large graphics and dries ink saturated prints quickly during high-speed production. Plus, the optional heater and blower can be installed right on the printer to conserve space in your shop.

Optional DU2-64 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%, 5.5 A, 50/60 Hz or AC 220 to 240 V ±10%, 3 A, 50/60 Hz
Power consumption		Approx. 750 W
Weight		26 kg (57 lb.)
Environment	Power on	Temperature: 15 to 32°C (59 to 90°F)—(20°C (68°F) or more recommended), humidity: 35 to 80% (non-condensing)
	Power off	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80% (non-condensing)
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.

Imagine. Roland

AUTHORIZED DEALER:

Roland

SOLJET EJ-640

Count on high productivity, quality output and low operating costs with the SOLJET EJ-640

When demand is high and business is cranking, your EJ-640 will be, too. Expect high-quality output of wall and vehicle wraps, posters, banners and indoor and outdoor signs, day in and day out. The best part? New Roland DG EJ inks, available in high-capacity 1-liter cartridges, cut running costs dramatically so you can maximize your productivity and profits.

With dual staggered print heads and a rigid industrial design, producing stunning results in your busy shop is par for the course.

THE NEW
SOLJET EJ-640

Plan for long-running, low-maintenance production

- ✓ 1-liter ink cartridges
- ✓ Included take-up unit allows long unattended print runs
- ✓ Support of heavy roll media
- ✓ Integrated tri-heater system for fast ink drying
- ✓ Adjustable print heads support various media thicknesses
- ✓ Adjustable media feed for accurate centering and take-up

4-color (CMYK)

Banner

Max Speed (360×360 / 1 pass)	102 m²/h
Billboard (540×360 / 2 pass)	63 m²/h
High-Speed (540×360 / 4 pass)	30 m²/h
Standard (720×720 / 5 pass)	24 m²/h
High-Quality (720×1,440 / 9 pass)	13 m²/h

Vinyl

High-Speed (360×720 / 4 pass)	30 m²/h
Standard (720×720 / 6 pass)	20 m²/h
High-Quality (720×1,440 / 10 pass)	12 m²/h

7-color (CMYKLcLmLk)

Banner

Max Speed (360×360 / 2 pass)	51 m²/h
Billboard (540×360 / 4 pass)	31 m²/h
High-Speed (540×360 / 8 pass)	16 m²/h
Standard (720×720 / 10 pass)	12 m²/h
High-Quality (720×1,440 / 18 pass)	6 m²/h

Vinyl

High-Speed (360×720 / 8 pass)	15 m²/h
Standard (720×720 / 12 pass)	10 m²/h
High-Quality (720×1,440 / 20 pass)	5.5 m²/h

More than a banner, poster or a wrap – it's your reputation coming out of the EJ-640. That's why every feature has been designed to ensure optimum results:

- Dual eight-channel Piezo inkjet heads house 180 nozzles per channel
- Offset-positioned print heads produce a large print swath for increased production and follow a mirrored pattern for optimum quality
- Advanced media feed controls input and output
- Rigid industrial design eliminates vibration
- Variable dot control achieves smooth gradations and deep image saturation on a broad range of media
- A revamped RIP, VersaWorks Dual – included with the EJ-640 – features a new core engine for better file processing, including files with tranparencies, and native PDF support

Pump out vibrant, eye-catching prints for high-volume applications.

Wall Wraps   Banners   Backlits   Signs   Vehicle Wraps   Window graphics   Posters

→ To learn more about the EJ-640's advanced capabilities, view the video and more info at www.rolanddg.com