

Roland XJ-540, XJ-640 and XJ-740 Product Information Guide

Overview

Roland is pleased to announce the PRO III XJ series of 54," 64" and 74" eco-solvent inkjet printers, combining exceptional print speeds with photorealistic 1440 x 1440 dpi image quality for the ultimate in six-color CMYK+LcLm digital printing.

The XJ series brings all the performance of Roland PRO III technology to the wide-format print-only market. The XJ series is engineered for exceptional productivity with a host of features that both automate and expedite the production process. With print speeds of up to 458 sqft./hr. for the 74" model, the XJ series excels at high-volume production of banners, signs, billboards, vehicle and fleet graphics and wraps, flexible-face signage and more. Additionally, high-quality imaging and Roland's Precision Firing Pattern make the XJ series ideal for indoor graphics, including posters, POP displays and fine art reproductions. Scratch-resistant ECO-SOL MAX ink offers a wide gamut and dense, rich colors for superior image quality and durability. ECO-SOL MAX supports a full range of coated and uncoated media from vinyl and banner to backlit film, canvas and mesh.



To support high-speed unattended printing, the XJ series comes equipped with an integrated tri-heating system and optional dryer/blower unit that accelerate the ink drying process. These features in combination with the XJ's advanced media feed system and heavy-duty automated take-up system produce flawless prints at even the highest print speeds. Automated maintenance minimizes ink, labor and downtime and eliminates the need for daily cleanings, further increasing productivity. Bundled VersaWorks RIP software is packed with features to streamline production including Variable Data Printing and spot color matching through the Roland Color System.

Equally important, the XJ Series is built with reliable Roland technology and backed by our Two-Year Trouble-Free Warranty, the industry's longest bundled service and support contract.

Recommend the XJ series to your most discerning customers – and to any shop embracing the demands of today's fast-paced, quality-driven marketplace.

Key Features

- **High-Speed Production Printing**
- **Outstanding Print Quality**
- **Precision Firing Pattern**
- **Advanced ECO-SOL MAX Ink**
- **Automated Maintenance System**
- **Heavy-Duty Take-Up System**
- **VersaWorks RIP Software**
- **Integrated Tri-Heater System**
- **Optional Dryer/Blower Unit (DU)**
DU-540 \$2,995 / DU-640 \$3,295 / DU-740 \$3,495
- **Two-Year Trouble-Free Warranty**
- **54" Print/Cut PRO III Also Offered**

High-Speed Production Printing

Designed for production printing of banners, signs, point of purchase displays, vehicle graphics, event graphics and more, the six-color (CMYK+LcLm) SOLJET PRO III XJ series achieves maximum print speeds as follows:

- 458 sfph (42.6 sq m/hr) **458 sqft./hr. for the 74" XJ-740**
- 449.5 sfph (41.8 sq m/hr) **449. sqft./hr. for the 64" XJ-640**
- **441 sqft./hr. for the 54" XJ-540**

Banner		XJ-540	XJ-640	XJ-740
Billboard	360 X 360	441 sfph (41.0 sq m/hr)	449.5 sfph (41.8 sq m/hr)	458 sfph (42.6 sq m/hr)
High-Speed	540 X 360	302 sfph (28 sq m/hr)	312 sfph (29 sq m/hr)	333 sfph (31 sq m/hr)
Standard	360 X 720	150 sfph (14.0 sq m/hr)	159 sfph (14.8 sq m/hr)	166 sfph (15.5 sq m/hr)
High Quality	720 X 720	75 sfph (7.0 sq m/hr)	80 sfph (7.4 sq m/hr)	83 sfph (7.7 sq m/hr)
Vinyl				
High Speed	540 X 360	209 sfph (19.5 sq m/hr)	216 sfph (20.1 sq m/hr)	224 sfph (20.9 sq m/hr)
Standard	360 X 720	150 sfph (14.0 sq m/hr)	159 sfph (14.8 sq m/hr)	166 sfph (15.5 sq m/hr)
Standard	540 X 720	103 sfph (9.6 sq m/hr)	105 sfph (9.8 sq m/hr)	107 sfph (10 sq m/hr)
High Quality	720 X 720	75 sfph (7.0 sq m/hr)	80 sfph (7.4 sq m/hr)	83 sfph (7.7 sq m/hr)
High Quality	720 X 1440	63 sfph (5.9 sq m/hr)	66 sfph (6.2 sq m/hr)	69 sfph (6.5 sq m/hr)
Artistic	1440 X 1440	31 sfph (2.9 sq m/hr)	33 sfph (3.1 sq m/hr)	34 sfph (3.2 sq m/hr)

A high-speed network board is included for rapid data transfers, and an optional dryer/blower unit further expedites the production process.

Outstanding Print Quality

The XJ series produces photorealistic graphics that look great both up close and at a distance. XJ printers precisely control droplet placement in both the print head travel and paper feed directions to provide up to 1440x1440 dpi resolution.

Equipped with Piezo print heads, the XJ design features a digital servomotor to control the media for precision imaging. Variable droplet technology uses micro-precise ink droplets of three different sizes depending on the type of output. This state-of-the-art technology delivers truly breathtaking output with beautifully smooth, dot-free tones even at high print speeds on a wide range of media.

System enhancements include increased grit accuracy as well as new media flanges, pinch rollers and grit rollers for flawless media feeding and tracking. Extended built-in media edge clamps prevent media curling and ragged edges.



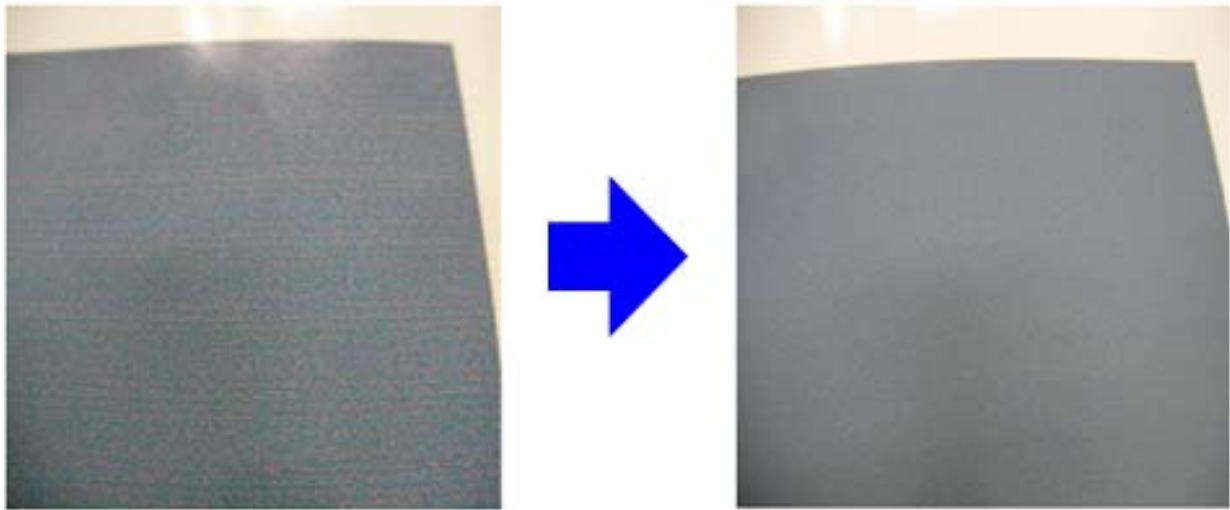
New Pinch Roller Assembly (22 rollers - XJ-540, 26 rollers - XJ-640, 30 rollers - XJ-740).



New Media Edge Clamps

Precision Firing Pattern

Roland's unique precision firing pattern has been optimized for the XJ to achieve unparalleled image quality in every print mode, resulting in dense, rich colors, consistent solid colors and high-contrast images with no traces of banding at the highest print speeds.



Consistent Solid Colors



Precise printing with no banding

Advanced ECO-SOL MAX Ink

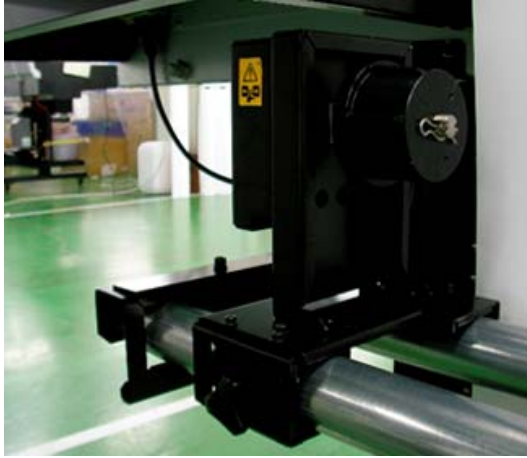
ECO-SOL MAX eco-solvent ink delivers high color density and a wide gamut for exceptional images print after print. ECO-SOL MAX performs on a wide range of coated and uncoated media, including backlit film, for increased versatility. Fast-drying and scratch-resistant, ECO-SOL MAX produces prints that dry quickly for easy handling throughout the production and finishing processes. Packaged in no-mess 220 and 440 ml cartridges, ECO-SOL MAX is virtually odorless for maximum convenience and comfort.

Automated Maintenance System

The XJ features an automated maintenance system that saves valuable ink and time, resulting in lower overall running costs. The XJ's in-line print head configuration eliminates the need for lengthy calibration procedures as well.

Heavy-Duty Take-Up System

The XJ includes an automated media feed and take-up system to facilitate precision unattended printing. This pre-assembled unit includes convenient front-mounted feed and take-up rollers and an advanced tension-controlled take-up system for optimum media feed and tracking. The system handles rolls weighing up to 103 lbs. for the XJ-740, 88 lbs. for the XJ-640, and 66 lbs. for the XJ-540.



Heavy Duty Media Rollers accept: 103lbs. - XJ-740, 88 lbs. - XJ-640, 66 lbs. - XJ-540.



Heavy Duty Take-Up System (standard on all models)

VersaWorks RIP Software

Built upon the genuine Adobe® PostScript® CPSI™ RIP engine, VersaWorks is a powerful RIP software written from the ground up to be easy to use, even for those who are not familiar with digital printing, and still offer advanced features. VersaWorks is now better than ever, upgraded with powerful new features including Roland Color, Roland's exclusive spot color matching system, and Variable Data Printing, allowing users to merge txt or CSV data fields within a pre-defined design template for custom prints with variable text and graphics.

VersaWorks also offers a variety of layout, edit and print functions that increase productivity. With VersaWorks, users can preview jobs on screen and take advantage of two job queues for handling different print conditions. Users can also automatically update VersaWorks through the Internet, ensuring that they always have the latest software version and Roland DGA ICC profiles available. VersaWorks is compatible with Windows® XP Professional, 2000 and Windows Vista™.

Integrated Tri-Heater System

The XJ's integrated tri-heater system dries prints quickly even in high-speed modes for immediate finishing, installation or collection by the take-up system. The system features three components: a pre-heater that improves media receptiveness, a print heater to accelerate ink fastness and brightness, and a dryer to accelerate the drying process and improve productivity, workability and scratch resistance. All can be controlled from either the printer panel or Roland VersaWorks.

Optional Dryer/Blower Unit

An optional heater/blower unit is offered for the XJ series. This upgrade ensures the ability to print highly saturated images at full speed while using the take-up rollers with absolutely no image transfer.



Optional Dryer Unit (DU-540, DU-640, DU-740)

Two-Year Trouble-Free Warranty



Roland inkjets combine unbeatable performance with legendary Roland reliability. As further proof of their unmatched reliability, Roland is pleased to offer an unprecedented Two-Year Trouble-Free Warranty for XJ Series printers when they are equipped exclusively with Roland inks and the warranty registered within 60 days of delivery.

54" PRO III Printer/Cutter Also Offered

For large contour-cut graphics, Roland offers its PRO III XC-540 54" integrated printer/cutter. As Roland's top-of-the-line printer/cutter, the PRO III prints and contour cuts precision graphics on one device through one seamless workflow for maximum productivity. The XC-540 combines PRO III speed and precision with this advanced print/cut technology for stunning six-color vehicle graphics, signs, POP

displays, labels and decals. The PRO III also prints flawless banners, billboards and wraps, and can be used as a stand-alone vinyl cutter as well.

Summary

The new XJ series brings unparalleled PRO III performance to the print-only market. High production speeds, superior print quality, rich, saturated color, precision media handling, automated maintenance, VersaWorks RIP software and legendary Roland engineering are just a few of the advantages defining this new printer line. Backed by the highest levels of service and support including an unprecedented two-year warranty, PRO III printers will reliably serve your top customers for years to come. Introduce them to Pure Print Performance from Roland today.