

# Print Like a Pro





## The SOLJET® Pro 4 XF-640. Everything you need to print like a pro.

We know the success of your business depends on your ability to create high quality graphics and photorealistic images quickly and efficiently. Our engineers designed the new Pro 4 XF-640 printer to help you produce outstanding prints with precision and ease. Even when unattended, you can count on this next-generation printer to deliver on all fronts. The XF-640 incorporates all the elements needed to consistently achieve professional results – advanced technology, rugged construction and reliable performance – making it an ideal choice for any high-volume shop.

The XF-640 offers the complete package. Innovative print head design with ink delivery through 16 channels. GREENGUARD Gold certified Eco-Sol MAX 2 inks that produce dense, vibrant color while meeting rigorous standards for low VOC emissions into indoor air. New media feed architecture with 16 pinch rollers, improved feed and take-up, and a redesigned heating system for high-speed drying across the entire width of the print. Little things like front-loading ink cartridges and a media loading lever in both front and back that make the XF easier to operate...and big structural improvements like a more robust build with improved rail and frame rigidity that allow you to crank out exceptional prints day after day. With VersaWorks, you get a RIP that speeds up production with a predictive ink calculator, PANTONE® spot color libraries, and other useful features.

All of which allows you to print like a pro, meet customer time and budget demands, and make more money.



**Designed to Pump Out Vibrant, Eye-Catching Prints**  
Ideal for impactful, high-volume applications such as fleet vehicle graphics.

**PANTONE® Spot Color Libraries**  
Direct support for best color matching on your profiled media.



To learn more about the XF-640's advanced capabilities, view the video at [www.rolanddga.com/xf](http://www.rolanddga.com/xf).



Vehicle graphics



Backlights



Large-format banners



Wall Wraps

64 inches, enhanced production capability, innovative dual print head technology, 16 channels, advanced media handling and drying, Eco-Sol MAX 2 inks, front loading ink cartridges, PANTONE® libraries, and more.



### State of the Art Print Technology

Designed to serve as the backbone of any busy print shop environment, Roland's Pro 4 XF-640 is the ultimate production large-format printer. The result of state-of-the-art inkjet technology, it features mirrored ink channel configuration through both print heads that helps eliminate chromatic banding in bi-directional printing. With seven different dot sizes available, the XF-640 achieves smoother gradations and richer density for superior photographic and high-resolution vector output. Its newly designed print heads produce smaller droplets than the previous XJ series head technology to deliver rich, bold color and deep image saturation on a much broader range of media. A new, longer lasting AC servo motor prolongs the life of the entire print head system. The XF-640 can be equipped with Roland's specially formulated Eco-Sol MAX 2 inks, or with sublimation inks to create stunning sublimated graphics.

### Two-Year Trouble-Free Warranty

There's no question that the XF-640 combines unbeatable performance with legendary Roland reliability. As further proof of its unmatched reliability, the XF comes with a Two-Year Trouble-Free Warranty,\* giving you the peace of mind you need to maximize productivity day in and day out.

\*Except select consumables and customer replacement items. Registration within 60 days and continuous exclusive use of Roland Inks during the first two years of ownership is required to qualify for the free second year of limited warranty coverage. Additional Terms and Conditions apply. See [www.rolanddga.com/warranties](http://www.rolanddga.com/warranties) for details.



## SOLJET® PRO 4 XF-640

- Large-format printer with 64" width, built for maximizing the production of crisp, brilliant graphics.
- Two mirrored, 8-channel print heads
- Print speeds of up to 1,098 sq. ft. per hour (102 m<sup>2</sup>/h)
- Photorealistic printing up to 1440 dpi
- Roland Intelligent Pass Control™ technology
- High-density Eco-Sol MAX 2 ink produces rich, vibrant colors on coated or uncoated media.
  - > Durable, scratch-resistant and virtually odorless
  - > Available in 440 ml. CMYK cartridges
  - > Fast, consistent drying across prints.
  - > Up to three years outdoor durability without lamination\*
  - > Environmentally friendly with no nickel compounds
  - > GREENGUARD Gold certified
- Capable of using sublimation inks to produce sublimated graphics for trade show exhibits, banners, textiles, wall décor and more
- Print head bearing rail stabilizes the print head with minimal friction to allow for years of uninterrupted production
- Automated take-up system included
- Supports extended production runs
  - > New AC servo motor prolongs life of print head system
  - > New media take-up system stabilizes media handling and eliminates distortion
- Redesigned heater system includes dryer/blower for drying prints quickly
- Easy operation ensures maximum productivity
  - > Front-loading ink cartridges are easy to access
  - > Media brackets for easy loading of heavy rolls
- Roland VersaWorks®
  - > Built-in PANTONE spot color libraries
  - > Predictive ink calculator
- Roland OnSupport™ enables remote tracking of production status with automated e-mail notifications



▶ For detailed features and specifications, visit [www.rolanddga.com/xf](http://www.rolanddga.com/xf).

## PRODUCT SPECIFICATIONS

Model		XF-640
Printing method		Piezoelectric Inkjet
Acceptable media	Width Thickness Weight Roll outer diameter Core diameter	Roll media: 10.2 to 64 in. (259 to 1625 mm) Roll media: Maximum 39 mil (1.0 mm) with liner Roll media: Maximum 110 lb. (50 kg) Maximum 8.3 in. (210 mm) 3 in (76.2mm) / 2 in (50.8mm) with optional flanges
Media take-up system		Maximum 8.3 in (210 mm) outer diameter / Maximum 110 lb. (50 kg) weight
Printing width		Maximum 63.6 in (1615 mm)
Maximum Printing Speed		1098 sqft/hr (102 sqm/hr) at 360x360 dpi
Ink cartridges	Type Capacity Color	Roland Eco-Sol MAX 2 Ink 440 ml (± 5 ml) 4 colors (Cyan, Magenta, Yellow, Black, Black, Yellow, Magenta, Cyan)
Printing resolutions		Maximum 1440 dpi
Distance accuracy		Error of less than ± 0.3 % of distance traveled, or ± 0.012 in (0.3 mm), whichever is greater.
Media Heating System		Setting range for the preset temperature: Print Heater: 86 to 112°F (30 to 45°C) / Dryer: 86 to 122°F (30 to 50°C)
Interface		Ethernet (10 BASE-T / 100 BASE-TX, automatic switching)
Power-saving function		Automatic sleep feature
Power supply	Voltage and frequency Required power capacity	AC 100 to 120 V ± 10%, 50/60 Hz Maximum 8.2 A
Power consumption	During operation Sleep mode	1350 W 20 W
Dimensions (with stand)		108.3[W]x31.5[D]x51[H] in (2750[W]x800[D]x1299[H] mm)
Weight (with stand)		390.2 lb. (177 kg)
Environment	Power on Power off	Temperature: 59° to 90°F (15° to 32°C) (68°F [20°C] or more recommended) / Humidity: 35 to 80% (no condensation) Temperature: 41° to 104°F (5° to 40°C) / Humidity: 20 to 80% (no condensation)
Included items		Stand, media take-up system, dryer/blower, cleaning liquid cartridges, power cord, media clamps, Roland VersaWorks RIP Software, cleaning kit, manual, etc.

Specifications subject to change. \*Outdoor durability is based on accelerated weather tests. Results may vary depending upon location and application. Lamination may be required for some applications or environmental conditions.

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FOR ADDITIONAL PRODUCT INFORMATION AND FEATURES, OR TO REQUEST A SAMPLE PRINT, CALL 800-542-2307 OR VISIT [WWW.ROLANDDGA.COM/XF](http://WWW.ROLANDDGA.COM/XF)  
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 RDGA-XF-02 April 2014 Roland DGA Corp. has licensed the MMP technology from the TPL Group.