

## Roland SOLJET PRO II V EX Series Frequently Asked Questions

### Frequently Asked Questions

Q. What is new about the PRO II V series?

A. The Pro II V series increases the level of productivity and easy of use of the PRO II series. The Heater Control Unit is now integrated into the printer body for simple printer set-up. The new option to run the printer in a CCMYK mode means high production print speeds without image density loss. Best of all is the addition of Roland VersaWorks, a full featured RIP without a steep learning curve.

Q. What models are available?

A. The PRO II V series is available in three models- the SC-545 EX 54" printer/cutter, the SJ-645 EX 64" printer and the SJ-745 EX 74" printer.

Q. What is the cost and release date for PRO II V series?

A. The PRO II V series is currently shipping. The SC-545 EX has a list price of \$29,995, the SJ-645 EX of \$29,995 and the SJ-745 EX \$32,995.

Q. What ink does the PRO II V series use?

A. The PRO II V series uses the advanced Roland Eco-SOL ink in a 12 cartridge configuration of 220ml each. This two cartridge per head configuration allows for increase in production with less printer downtime to replace ink cartridges.

Q. What media does the PRO II V Series use?

A. The PRO II V series can print on a wide range of media. Because these printers use Eco-SOL inks, the primary media will be uncoated banner and adhesive-back vinyl. However, the printer is not limited to these substrates. Roland's complete line of media including Eco-SOL Media (ESM) provides ideal substrates for the diverse applications that can be produced using the PRO II V series.

The printer can produce stunning output using many of the other Roland media including matte and paper and heat transfer material from Roland's Piezo Certified Media (PCM), SOLJET Certified Media (SCM) and Performance Guaranteed Media (PGM) line-up. Please visit our website ([www.rolanddga.com](http://www.rolanddga.com)) for a full list of compatible Roland media.

Q. What is the average running cost (ink and media) of a PRO II V printer?

A. The total cost per square foot varies depending on media, ink configuration, image density and printer speed. For average density images, the ink cost is about .21 cents per sqft. With the average cost for the Glossy Calendered Vinyl (ESM-GCVP) around .37 cents per sq ft, the total cost per sqft would be .58 cents.

Q. Do I need new profiles if I have a PRO II printer today?

A. Yes. Due to the new Roland VersaWorks RIP and ink configuration options of the PRO II V series, new profiles will be needed. Profiles for Roland media will be shipping with the PRO II V printers. Please consult our website for a list of available profiles. ([www.rolanddga.com](http://www.rolanddga.com))

Q. How does the PRO II V series handle printing on different types of media?

A. The PRO II V series has many advanced features for handling a wide range of different medias. An adjustable printhead height allows for media up to 40 mil to be run through the printer. To assist in correct media feed the PRO II V series has a built in platen vacuum and edge guides.

Q. How fast does the PRO II V series print?

A. The PRO II V series printers have a maximum speed of 315 sfph in 6 color mode; however the SJ-645/745 in CCMMYK can print a maximum of 340 sfph in CCMMYK mode. Please refer to the chart below for a full breakdown of the PRO II V print speeds.

Print Mode	Resolution	Pass	Speed
Billboard Banner* <b>CCMMYK ONLY</b>	360x360	2 Pass	340 sfph
High Speed Banner <b>*CMYKLcLm ONLY</b>	450x360	2 Pass	315 sfph
High Speed Vinyl	360x720	4 Pass	170 sfph
Standard Vinyl	360x720	8 Pass	86 sfph
Standard Banner	720x720	8 Pass	86 sfph
High Quality Banner	720x1440	8 Pass	56.7 sfph
High Quality Vinyl	720x1440	8 Pass	56.7 sfph
High Quality Banner	1080x1080	9 Pass	43 sfph
Artistic Vinyl Mode	1440x1440	16 Pass	35 Sfph

Q. What is the print resolution of the PRO II V series?

A. The maximum resolution of the PRO II V series is 1440x1440 DPI.

Q. What is the maximum width of media that the PRO II V series can accommodate?

A. For the SC-540 EX, the maximum media width is 54", for the SJ-645 EX, the width is 64" and for the SJ-745 EX is 74" in width. The maximum print width is for each machine is 53.56", 63.56" and 73.56" wide.

Q. How do I connect these printers to my computer?

A. The PRO II V series printers come standard with a 10/100 BASE-T Ethernet port. Roland PrintServer software and user guide is included with every printer for simple Ethernet setup.

Q. How many heads do these printers have?

A. The PRO II V series has 6 in-line Piezo printheads fed by dual ink lines. This configuration allows for two 220ml cartridges of each color to be used to feed a total of 12 heads.

Q. How many heaters do the printers have?

A. The Pro II V printers have one media heater which is optimally placed in the printers to aid in pre-heating, printing and ink drying functions. This heater works in conjunction with the aluminum platen to efficiently conduct heat and help minimize static built-up.

Q. Does the PRO II V series require any special ventilation?

A. No. As the PRO II V series uses the user and environmentally friendly advanced Eco-SOL inks, no ventilation is needed.

Q. What RIP comes with the PRO II V Series printers?

A. The PRO II V ships with the new Roland VersaWorks RIP. Roland developed VersaWorks on a true Adobe Postscript Level 3 engine to achieve the highest print quality. VersaWorks offers users advanced layout and workflow features in a graphical interface that reduces the learning curve of the users.