

EFI Pro 32r – FAQ

This document answers the most commonly asked questions about the EFI™ Pro 32r wide format roll-to-roll LED printer.

For any additional questions, please contact [Sharon Ben-Or](#), Product Marketing Specialist.

Technical questions

1. What is the products country of origin?

The Pro 32r is manufactured in Israel.

2. What is the maximum printing width?

The Pro 32r maximum printing width is 3.25 m (128 in), supporting two rolls of 160 cm (63 in).

3. Are graphics printed on the Pro 32r covered by the 3M™ MCS™ Warranty?

Not yet. Certification is in progress and is expected early in 2019.

4. Is it possible to order the Pro 32r with an optional 7 color configuration?

No. The Pro 32r includes 4 colors without optional light inks. However, the staggered head structure and the unique algorithm provide a very wide color gamut that supports challenging areas, such as skin tones and floods.

5. When adding the white option, how many heads are added?

Four heads are added to the existing eight.

6. Can you use a non-Fiery® RIP for the Pro 32r?

Fiery XF is the built-in RIP solution that is included with the printer. Special requests will be evaluated individually.

7. What are the substrates and applications that the Pro 32r is capable of printing?

The Pro 32r supports most wide format flexible substrates, including challenging media such as textiles and heat sensitive media, to produce all types of indoor and outdoor applications common in the sign and display industry. The SuperRange XF ink set can support applications that require elongation (stretchability) up to about 100%.

8. Can the Pro 32r print in multi-roll configuration?

Yes. The Pro 32r is capable of printing on multi-roll with different files on each roll.

Features

Inline Y-Slitters

9. What is the accuracy of the inline slitters?

The slitters are highly accurate and proven for long runs. Additionally, the user chooses which type of configuration he wants to work with – bleed in to the file or bleed out:

- Bleed in - slits a small edge of the image
- Bleed out - there will be white stripes on the edges along the entire job

10. Are there any substrates that the inline slitters cannot cut?

The inline slitters can cut most of the common wide format materials: vinyl, mesh, banner, paper, backlit, PET etc., and even 900 g truck side banners.

11. How many slitters can be assembled along the printer's width?

There is no limit to the number of slitters that can be assembled on the printer.

Manual Backlit

12. What is the difference between Manual Backlit and Automatic Backlit?

In Manual Backlit, the image alignment between both sides is done manually, aided by the software. The operators need to identify the registration signs and make the X/Y and tilt axes adjustments. In Auto Backlit, the printer is equipped with a set of cameras that automatically align between both sides via the software algorithm.

13. Can the Pro 32r print backlit in the multi-roll configuration?

It is possible to print the first side in dual roll configuration, but it is not possible on the second side.

Automatic Blockout

14. Can the Pro 32r print Blockout in multi-roll configuration?

It is possible to print the first side in dual roll configuration, but the second side needs to be printed one at a time.

Mesh Kit

15. What are the pre-printing procedures for printing on Mesh?

The preprinting procedure has two main steps:

1. Push the "wings" button to lift up the two side wings on the edges of the printing table.
2. Place the absorbent cloth between the two wings.

16. How long does it take to switch to mesh printing mode?

The process takes only a few minutes.

17. Is there any ink leakage onto the printing table during the printing process?

No. Any ink leakage is absorbed by the blotting cloth.

Wrinkle Analyzer

18. What is the detection ability of the Wrinkle Analyzer?

The wrinkle analyzer can detect a wrinkle 0.5 mm / 0.02 in high.



EFI roll-to-roll portfolio comparison

Details	VUTEk 3r+	Quantum 3	Pro 32r
			
Max Speed	380 m ² /hr (3,951 ft ² /hr)	215 m ² /hr (2,799 ft ² /hr)	207 m ² /hr (2,227 ft ² /hr)
Number of colors	4 colors + optional lights and white	4 colors + optional lights and white	4 colors + optional white
Heads (optional white)	16 (2)	8 (2)	8 (4)
Printing resolution	1200 dpi	1200 dpi	635 dpi

Features	VUTEk 3r+	Quantum 3	Pro 32r
			
X-cutter	✓	✓	-
Y-slitter	✓	✓	✓
Automatic Backlit	✓	✓	✓ Manual
Automatic Blockout	✓	✓	✓
Wrinkle Analyzer	✓ Included	✓	✓ Included
Sheet Collector	✓	✓	-
ID Backprint	✓	✓	-
Media Spreaders	✓	✓	-
3m Super Duty Winder	✓	✓	-
Winder Motorized Air-shaft	✓	-	-
Vacuum plate	✓ *	✓	-
Software Productivity Pack	✓	✓	✓
iPhone application	✓	✓	✓
Integrated Mesh kit	✓ Included	✓ Included	✓ Included
Ionizer	✓ Included	✓ Included	✓ Included
Backlit proofing lights	-	-	✓ Included
Fiery XF	✓	✓	✓ Included