Serious colours meet maximum capabilities

More colours. More applications. More flexibility. Any questions?

The EFI™ COLORS 340 digital soft signage printer is for serious producers who want to dominate the display graphics market with outstanding image quality printed direct to fabric or transfer paper. And with the ability to print on a wider range of materials than other digital fabric printers and 100% penetration on both sides of the material, serious pros looking for more capabilities and capacity can now print with flying colours.

At a glance

- 3.4-metre wide aqueous-based soft signage printers

- Available in 8, 16 and 24 print head configurations

- Dramatic four-colour printing with a wide colour gamut and high uniformity print modes for rich, deep colour saturation

- Ultra-high resolution with four level greyscale printing with 4 pL to 18 pL drop sizes

- Print direct to fabric or transfer paper with the ability to change over from one to the other

- 100% penetration on both sides of the material makes it ideal for the production of national flags

- Precision sticky belt technology ensures near-perfect, continuous tone image quality at high speeds with no wrinkle artefacts on a wide range of materials

- Proprietary EFI print head electronics allows for quicker set up time and increased reliability for greater 'net' production

- Automatic substrate width detection

- Auto print head cleaning station increases printer uptime

- Capping station to keep your system up and running

- Continuous ink recirculation system improves ink yield by reducing the need to purge and downtime associated with print head maintenance

- Wrinkle detect system protects against costly repairs due to head strikes

- Revolving turret enables the quick change between materials while keeping the press in production

- Robust industrial strength print system for reliable 24/7 operation

APPLICATIONS

Table throws	✓
Short-term promotional tents	✓
Backdrops	✓
Hanging banners	✓
Wall murals	✓
SEG backlit graphics	✓
Stretch fabric exhibit graphics	✓
Promotional flags and banners	✓
National flags	✓
Retail fixtures	✓

EFI COLORS 340 8h / 16h / 24h

Media/handling

- Prints up to 340 cm wide
- Fabric weight from 30 to 450 gr/m^2
- Entry: Configured with both a standard roll unwinder up to 400 mm OD and heavy-duty unwinder for rolls up to 900 mm OD
- Exit: Configured with either a heavy-duty rewinder for rolls up to 900 mm OD or a revolving turret
- Dryer: One chamber industrial available in either gas or electric

PRODUCTIVITY*	8 heads (4C x 2)	16 heads (4C x 4)	24 heads (6C x 4)
Production quality	765 m²	850 m²	800 m²
POP quality	405 m²	450 m²	428 m²
High quality	206 m²	230 m²	218 m²

*Speeds are up to the maximum productivity figures listed

Colour configurations

Up to eight channels:

- 4C x 2
- 4C x 4
- 6C x 4
- 8C x 1

Formats

All popular desktop file formats, including PostScript®3™, EPS, TIFF, PDF, RGB/CMYK

Environmental considerations

- Temperature: 20-24 °C
- Humidity: 50-60%
- Weight: 6,800 kg
- Printer and dryer dimensions: 810 cm x 487 cm x 170 cm
- Printer electrical: 3 Phase, 480V, 60Hz, 10kW
- Dryer electrical (gas is available as alternative): 3 Phase, 480V, 60Hz, 70kW
- Water pressure: min. 1.5 bar; max. 2 bar
- Water volume: 5 litres/min
- Water temperature: 20-25 °C

EFI Fiery digital front end

- Ships with an EFI Fiery® proServer Premium, featuring:
  - FAST RIP (Fiery Accelerated System Technology)
  - FAST DRIVE printer driver
  - Spot Color, Color Profiler, Color Verifier, Cut Marks, and File Export
  - EFI ES-3000 spectrophotometer
  - Optimised for one EFI printer
  - Drives an additional M–XXL printer option
- Powerful production tools for nesting, step and repeat, scaling, cropping, barcode creation, and tiling
- Advanced ICC colour management for proofing-grade reliable colour using Fiery Edge™ profiling technology
- Built-in spot colour libraries and sophisticated spot colour handling

Genuine EFI Inks

- Water-based CMYK dispersed dye inks

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalised documents, with a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite that transforms and streamlines the entire production process, increasing your competitiveness and boosting productivity. Visit www.efi.com or call 0808 101 3484 (UK only) or +44 (0)1246 298000 for more information.