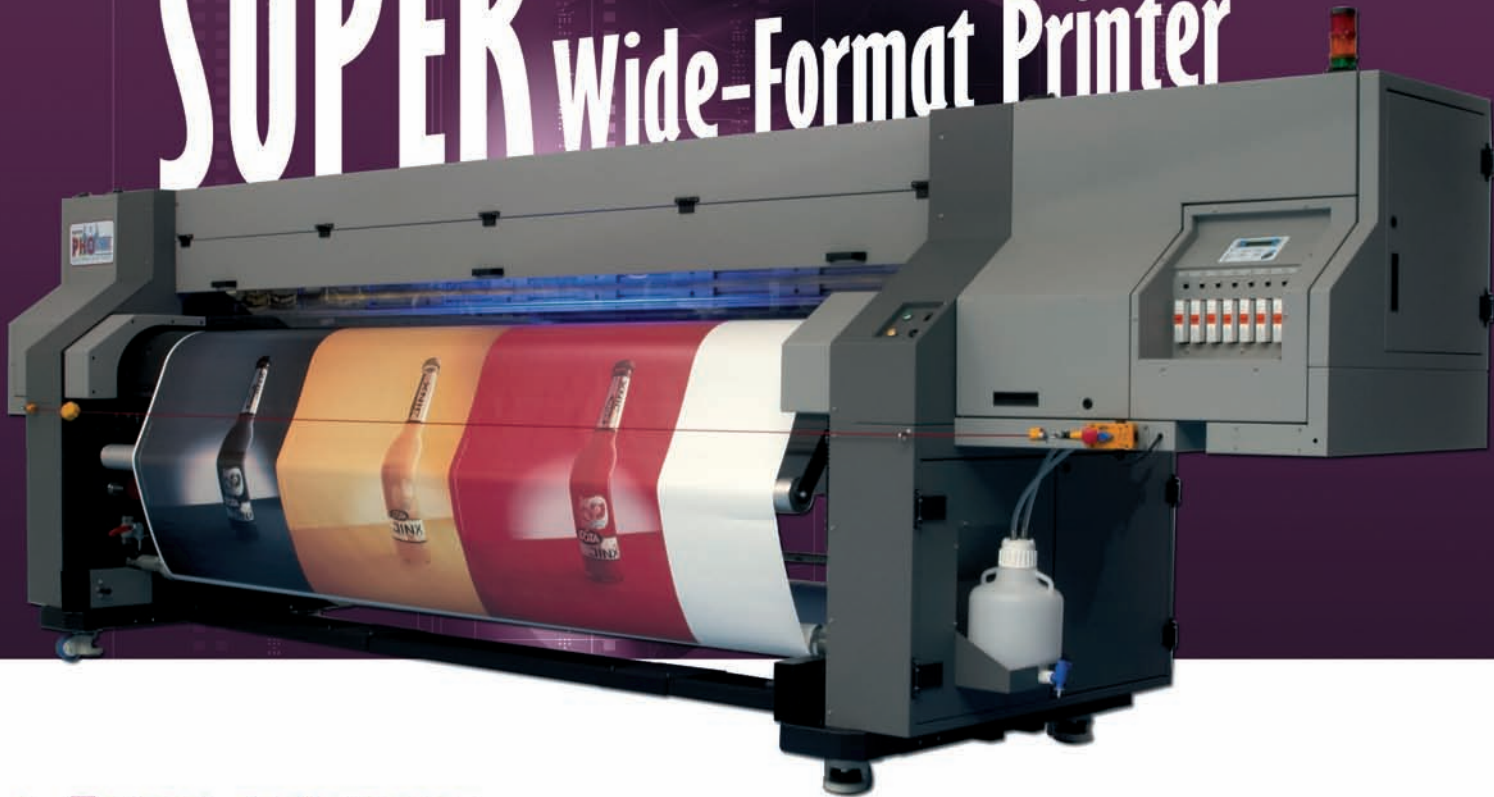


SUPER Wide-Format Printer



- > Target customers :
 - Mid-volume users looking for adopting output exceeding 2.5 metres width
 - Existing super wide-format users looking for additional business & a more economical solution
- > Proven drop-on-demand piezo inkjet technology :
8 heads, 16 ink slots
- > Incorporated 4-stage heating system for conditioning, dot gain control, optimum dot fixation & drying and to ensure a wide media compatibility
- > Minimal daily maintenance
- > Extreme ease of use : single-operator system

Mutoh's Phoenix E/MS super wide-format printer can be loaded with Eco-Solvent Plus ink for users looking for volume printing of indoor & outdoor outputs on (eco-)coated and uncoated media, and requiring high quality rather than high speed.

Users looking for higher volume production printing and focusing more on outdoor outputs with a durability of up to 2 years and the possibility to print on a wide range of standard available uncoated, eco-coated and coated media, can load the Phoenix E/MS super wide-format printer with Spitfire mild solvent ink.

Ink & Media

	Phoenix E	Phoenix MS
Maximum Media Width	3300 mm (130")	3300 mm (130")
Maximum Print width	3300 mm (130")	3300 mm (130")
Media Thickness	0.08 mm – 4.9 mm	0.08 mm – 4.9 mm
Maximum Roll Weight	200 kg	200 kg
Maximum Roll Ø	500 mm	500 mm
Media Core Internal Ø	3" and 6"	3" and 6"
Ink Type	Eco-Solvent Plus ink	Spitfire Mild Solvent ink
Ink Capacity	16 x 220 ml	16 x 220 ml

Speeds & Print Modes

Speed Overview Table

3300 mm (130") wide output

	Speed Range
360 x 360 dpi ◆◆◆ ◆	5.2 – 34.9 m ² /h
720 x 720 dpi ◆◆◆ ◆	3.2 – 12.8 m ² /h
1440 x 1440 dpi ◆	1.57 – 3.14 m ² /h

◆◆◆ Variable Drop Compatible

◆ Fixed Drop Compatible

- For each mode, the minimum speed (Super High Quality) and maximum speed (Super Draft) are given. Resolution dependent, there are between 2 and 6 speed levels available, which are accessible via print direction selection and interweave control from the RIP software.
- Top speeds indicated are super draft modes and do not guarantee production output quality. Applicability needs to be judged on individual basis.

The printer's high quality and commercial production speed depends on the kind of ink loaded. When printing on uncoated self adhesive PVC, the Phoenix loaded with Spitfire mild solvent ink, will generate output 4 to 8 times faster than the Phoenix loaded with Eco-Solvent Plus ink. When choosing Eco-Solvent plus ink, it suffices to set-up the printer in an area with normal air ventilation. Fitted with Spitfire Mild Solvent inks, you can rely on Mutoh's optional air purification system to bring the solvent vapours in the printing environment far below international safety levels.

High-End Technology

- Incorporates eight 360 nozzle piezo heads receiving ink from up to 16 ink cassette slots
- Drop-on-demand variable drop micro piezo inkjet technology
- Eco-Solvent Plus / Spitfire mild solvent fine-tuned ink supply path
- Unique threading bar system allows single user media loading
- Motorised unwinder / winder system
- Front and back active media tension bar system
- Media length control -> minimum media loss
- Media edge retainers movable over the whole printing width
- Independently controllable 4-stage media heating elements (pre-heating, fixing, post-heating and drying)
- High-end industrial concept accommodates extreme ease of use

Optional

- Removable gutter for edge to edge printing, mesh & open textile printing or for other special applications.
- Media loading-cart
- APS Quatro Mini 3-stage Air Purification System (In case Phoenix is loaded with Spitfire mild solvent ink)