

Wide format production solvent printer



- > 192 cm (75.5") six colour solvent inkjet printer
- > Production speeds up to 40 m²/h
- > Prints true 360 dpi quality onto uncoated materials
- > Fast turnaround & superior output quality
- > 5 head heights up to 4.5 mm for multiple media compatibility
- > For long-term heavy-duty outdoor applications



Osprey 1.9 m drop-on-demand solvent inkjet printer

Maximum Media Width : 1920 mm (75.59")

Maximum Print Width : 1870 mm (73.6")

Technology

Drop-on-demand piezo solvent inkjet technology

Incorporates six 256 nozzle industrial-strength Spectra® print heads, especially developed for true solvent ink applications / one year head warranty

Ink – Durability

High-speed solvent-based double density inks – 6 colour channels (C, M, Y, K, Lc, Lm)

2000 ml ink bottles, refillable on-the-fly, allowing large autonomy and unattended printing

Prints are water, high abrasion and UV-resistant for up to 5 years outdoor, without lamination

Performance

Output resolutions : 360 x 360 dpi, 360 x 720 dpi(**), 360 x 180 dpi(*)

Speed levels (m²/h) : 80.3(*)(**), 40.1 , 20.1, 10.4 and 5.2 (**)

Quality Levels : draft, production, quality, high quality, high density(**)

(*) 360 x 180 dpi low resolution modes and 80.3 m²/h top engine speed are available on the printer. Applicability of these modes needs to be judged on an individual basis and can only be used in combination with Mutoh PJ4 high speed double density inks. All speeds indicated are for the maximum output width.

(**) High density addressable 360 x 720 dpi at reduced speed is an excellent tool to print onto substrates requiring very high ink loads.

(**) Top engine speeds can only be used in combination with Mutoh PJ4 high speed double density inks.

Media Handling / Compatibility

Adjustable head height : 2.5 mm up to 4.5 mm, in 0.5 mm steps

Incorporates motorized and sensorised heavy-duty unwinding and winding system for media rolls up to 140 kg for unattended printing

Coated pressure rollers with variable down-pressure (media thickness up to 1 mm)

Options

- APS Quatro 4-stage Air Purification System : will take care of unpleasant smells and will bring the solvent levels in the working area far below the accepted safety levels

- Mutoh's Infrared Dryer for Osprey 75 (*):

- Size : 1835 mm / 72"

- Volts : 220 V / Amps : 5.2 A / Power : 1150 W

(*) The optional infrared dryer is an excellent tool to appropriately finish your output.

- For Osprey 75, you will need the IR dryer for output speeds of 40 m²/h or higher using Mutoh's PJ4 high speed double density ink.

- In any output mode, the IR dryer helps to avoid stickiness of wound up prints and helps most solvents to evaporate before the print reaches the take-up system. This drastically reduces the media manufacturers' recommended dry out times (**)

(**) The dry out time is the time media manufacturers recommend you to expose rolled open self-adhesive PVC output to open air before final application.



Machine Dimensions - Weight

W x D x H : 3096 mm x 940 mm x 1324 mm – 400 kg

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