

MUTOH

Creation, we make it happen ...



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, highly abrasion and UV-resistant for up to 5 years outdoor, without lamination

Performance*

(High) Quality output** (360 dpi, 2 pass) 10.4 m²/h – 20.1 m²/h

Commercial production prints (360 dpi, 1 pass) 40.1 m²/h

Draft speed mode (180 dpi, 1 pass bi-directional) *** 80.3 m²/h

* : Speeds mentioned are real-time measurements, using full media width.

** : The Osprey also supports an electronically addressable 720 dpi high density mode, an excellent tool to print onto substrates requiring abnormally high ink loads (5.2 m²/h).

*** : 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.

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 1325 mm – 400 kg

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