



Osprey
MUTOH
large format Inkjet printer



- > 102" (260 cm) six colour solvent production inkjet printer
- > Production speeds up to 45 m²/h
- > Prints true 360 dpi quality output onto uncoated materials
- > Fast turnaround & superior output quality
- > 5 head heights up to 4.5 mm for multiple media compatibility



Osprey™ 2.6 meter drop-on-demand solvent-based inkjet printer

- Maximum Media Width : 2600 mm (102.36")
- Maximum Printing Width : 2500 mm (98.43")

Technology

- Proven drop-on-demand piezo solvent inkjet technology
- Incorporates six 256 nozzle industrial strength Spectra® print heads, especially developed for true solvent-based ink applications
- One year head warranty

Print Resolutions / Speed Levels

- Output resolutions: 360 dpi (true), 720 (electronic**), 180 dpi (*)
- Speed levels: 90 m²/h(*), 45 m²/h, 22.5 m²/h, 11.5 m²/h, 5.9 m²/h
- Quality levels: draft, production, quality, high quality, high density(**)

(*) 180 dpi low resolution modes and 90 m²/h top engine speed are available on the printer. Applicability of these modes needs to be judged on an individual basis.

(**) High density addressable 720 dpi is an excellent tool to print onto substrates requiring abnormally high ink loads

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

Media Handling / Compatibility

- RIP controlled adjustable head height: 2.5 mm up to 4.5 mm in 0.5 mm steps
- Media thickness: up to 1 mm
- Incorporates motorized and sensorised heavy-duty media unwinding and winding system for media rolls up to 140 kg for unattended printing (***)
- Coated pressure rollers with down-pressure adaptable to media type requirements

(***) Minimum recommended media width for representative print results is 1000 mm

Media Conditioning / Drying

Incorporates two heating elements :

- Platen heater : 25 - 45° C; optimally prepares the media for reception of the high speed solvent ink and bridges the temperature gap from room to printing temperature
- Dryer : 50 - 70° C; helps evaporating the solvents, making the prints touch dry

Applications

- Prepared for demanding volume users
- Specifically suited for heavy-duty outdoor applications, such as fleet
- Osprey™ will allow you to tackle practically any outdoor job : point of purchase displays, banners, signage, exhibition graphics, long-term backlit displays, vehicle graphics, street furniture, taxi & bus wraps, wall murals, long-term outdoor graphics, stage graphics, flags, seasonal and long-term corporate graphics, floor graphics,

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