MUTOH
Creation, we make it happen ...

ValueJet 1304

54" high resolution printer for durable graphics

- 1371.5 mm (54") wide 4 colour Eco-Solvent Ultra Printer
- New generation "wide model" 1440 dpi piezo print head
- Intelligent interweaving printing technique inside
- Space saver design – safe & easy-to-use system
- Suitable for indoor and outdoor graphics
- Print speeds up to 14 m²/h
- Value for money !

The printing quality breakthrough

ValueJet 1304

ECO ultra

Maximum Media / Print Width
Maximum media width : 1371.5 mm (54")
Maximum print width : bi-directional 1336.5 mm (52.62") / uni-directional 1355.5 mm (53.36")
Minimum loadable media width : 210 mm (8.26")

Inkjet Technology
The ValueJet 1304 printer incorporates a new generation piezo drop-on-demand variable drop 1440 dpi print head (8 lines of 180 nozzles). Each colour of the CMYK ValueJet 1304 is monitored by two nozzle rows. Drop size range: 3.5 pl – 21 pl.

Output Resolutions/Quality
12 pre-defined print modes included
1440 x 1440 dpi, 1440 x 720 dpi, 720 x 720 dpi, 540 x 720 dpi
i^2 inside : Mutoh proprietary Intelligent Interweave printing technique for high speed printing

Inks
Ink comes in safe and easy-to-use 220 ml ink cassettes. New Eco-Solvent Ultra CMYK ink set - non-aggressive solvents: improved ink fixation, better drying, higher print speeds, improved chemical resistance, wider media compatibility; suited for printing directly onto low-cost standard available uncoated PVC and scrim banner media; no need for forced ventilation (air purification system); hardly any periodic maintenance required; low ink consumption. Eco-Solvent Ultra prints are UV and water resistant for up to three years outdoors[1].
> (1) For fleet, floor graphics or other applications where prints are exposed to intensive mechanical stress or abrasion, lamination is recommended.

Performance
Typical production speeds on self-adhesive uncoated PVC : up to 7 m²/h [*]
Typical production speeds on banner media & soft sign textiles : up to 14 m²/h [*]
> * : Speeds mentioned are real-time measurements for true production set-ups, using 1.2 m print width.
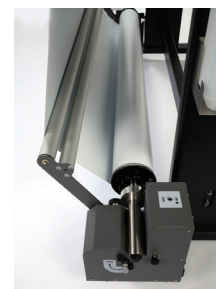
Media Handling
Handles sheet and roll media - one paper scroller standard included (2" & 3" compatible) -
Roll media diameter : 150 mm
The optional motorised take-up system allows automatic winding of finished prints in front of the printer.
(2" & 3" compatible) - Max. 30 kg - Roll media diameter : 150 mm

Media Conditioning / Drying
ValueJet 1304 incorporates three heating elements : pre-heater, fixer (under print head) and dryer (post heater). Heating elements are individually controllable.

Network connection
TCP/IP - Ethernet 100 Base-TX / 10 Base-T

Applications
ValueJet 1304 application possibilities encompass outdoor posters & signs, banners, long-term backlit signage, building and construction announcements, vehicle graphics, durable indoor graphics, POS displays, … Apart from outdoor applications, the ValueJet 1304 printer is also an excellent choice for durable photo-realistic prints for indoor use.

Environmental Conditions
Temperature : recommended 22°C - 30°C with Δt: max. 2°C/h
Relative Humidity : 40 % - 60 % (no condensation) with ΔRH: max. 5% RH/h

Dimensions
ValueJet 1304 unit + stand : L x W X H : 1875 x 685 x 1218 mm / Weight : 83.1 kg
ValueJet 1304 unit + stand + optional take-up system : L x W x H : 1875 x 900 x 1218 mm / Weight : 98.1 kg

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