

MUTOH

Creation, we make it happen ...

ValueJet
1304

54" high resolution printer for durable graphics



- ✔ 1371.5 mm (54") wide 4 colour Eco 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!





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

i² inside : Mutoh proprietary Intelligent Interweave printing technique for high speed printing

Inks

Ink comes in safe and easy-to-use 220 ml ink cassettes. Eco Ultra CMYK ink set - non-aggressive solvents: 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.

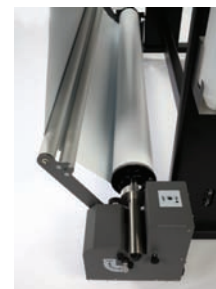
Media Handling

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 / Power Consumption

ValueJet 1304 incorporates three heating elements : pre-heater, fixer (under print head) and dryer (post heater). Heating elements are individually controllable. During printing the power consumption is 500 W. In stand-by mode 50 W. During warming up the ValueJet 1304 uses 1000 W.

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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