

SUPERJET M-series

UV printer 16 Heads



Wide format inkjet piezo plotter with **16 heads**, DoD Spectra, 4 colours and UV curing technique.

Two sizes **2050 (81") - 2500 (99")** - to satisfy all market's requests. The versatility to print on a wide variety of media, virtually any roll and rigid material, makes the NeoltJet UV the most versatile range of UV printers at a surprisingly affordable price. The 16 heads of superior technology are equivalent of the highest reliability, the first class inks assure superior image quality, high resolution and long lasting results.

Optional 24 heads 6 colours CMYKLcLm.



SUPERJET M UV Product Specifications

Power Consumption

22A 230V ac 50Hz
Male Plug CEE (Blue) 32A 2P+GND
5000W

Printing Technology

Piezo drop-on-demand inkjet technology,
16 heads, 4 colours CMYK. Optional 24
heads, 6 colours CMYKLCm

Dimensions (WxDxH) mm./inch

2050 -3800x680x1600 / 150"x27"x63"
2500 -4300x680x1600 / 169,5"x27"x63"

Ink System

5 liters integrated reservoirs, "on the fly"
ink replenishment, 1 liter bottle refill kit.

Weight

2050 -750 Kg. / 1654 Lbs.
2500 -1650 Kg. / 1984,5 Lbs.

Optional Accessories

Couple of exit-trays
Film holder
Roll holder
Rigid materials holder

Main Printing Features

Colours

4 colours CMYK - 16 printing heads.
6 colours CMYKLCm - 24 printing heads (optional).

Max. Media Thickness

30 mm. - 1,18 inch.

Media types

Rigid and roll media. Wide flexibility of coated and
uncoated materials (Forex®, Foam, Alibond, Dibond,
metal, vinyl, paper, mesh, cardboard, wood).

Productivity

Draft (300x300 dpi.) 3 Pass.
2050 -39 sqm/h.
2500 -44 sqm/h.

Standard (600x400 dpi.) 4 Pass.

2050 -29 sqm/h.
2500 -32 sqm/h.

Hight (600x600 dpi.) 6 Pass.

2050 -19 sqm/h.
2500 -22 sqm/h.

Photo (600x800 dpi.) 8 Pass.

2050 -14 sqm/h.
2500 -16 sqm/h.

Max printing area

100 sqm. processing time depends on the PC specs.

Ink performance on media

After printing the ink performance (adhesion, weatherability, etc.) changes from media to media. For not mentioned materials we suggest a preliminary printing test. As adhesion changes from material to material, it can be necessary to apply a primer on the media to print to improve the ink anchorage.

UV Lamp

One of UV lamps characteristics is the low deterioration. Power decreases of 30% after about 1000 h utilization. It is however possible to use UV lamps after 1000h but power gradually decreases. Therefore we highly recommend you often verify the power and the polymerization capacity.

Software Description

Graphic interface of easy interpretation to control the various plotter components, in Linux environment. Ethernet Controller 10/100 to manage the printing files with the remote computer. Software (RIP ColorGate). Driver for onyx included.

Real DPI - Resolution

600 dpi. from 3 to 8 Pass.

Max Weight Support

15Kg/mq - 33Lb/sqm (max.100 Kg. - 220 Lbs).

File formats

All the most popular file formats like EPS, TIFF, PDF, BMP,
PCX, JPG, PostScript® .
Unlimited queue printing management.

Max Printing width

Different according to the printer models.
SUPERJET M UV printer 2050 - up to 2050 mm. / 81 inch
SUPERJET M UV printer 2500 - up to 2500 mm. / 99 inch

Max Media width

Different according to the printer models.
SUPERJET M UV printer 2050 - up to 2170 mm. / 85,4 inch
SUPERJET M UV printer 2500 - up to 2620 mm. / 103 inch

Environment Requirements

Operating Humidity

From 30% to 65% without condensate.

Operating Temperature

From 20°C to 28°C.
Thermic range less then $\pm 10^{\circ}\text{C}$

Powder

Equivalent to the normal level in an office

Ink Consumption

From 7 to 10 ml/sqm depending of media,
max consumption 14 ml/sqm.



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