



StampaJet

StampaJet - Digital textile printing reinvented

StampaJet a new generation high speed textile printer, utilizing a self-cleaning adhesive belt transport system, designed for digital fabric printers who require fabric variety with high print speeds and exceptional quality. The StampaJet with its speed potential, ink and fabric versatility and color control, combined with a competitive price and small footprint opens new opportunities to textile digital printing.

585 ft/h Plug & Print digital textile printer

Industrial scale textile digital printing is finally made easy thanks to the StampaJet's top quality print results at production speeds of 39 linear yards per hour*. The machine is delivered fully assembled and tested, with Evolution Textile RIP © software which makes it ready to print. It is sufficient to connect the electric power, air, water, load the inks and go.

*Depending on color number, resolution and pass - see the production table on the back side of the brochure.

New print heads, speed, safety and quality

The StampaJet comes with the new extra wide variable dot Epson print heads, with 1440 nozzles per head, 4 times more the conventional print heads. The distance from the print heads and the fabric surface is automatically controlled by a sensor. A sophisticated laser device checks on the fly nozzle efficiency and prevents print faults.

Extra precision with the new belt drive

The adhesive fabric transportation belt prevents even the smallest movement of the substrate once in position, and ensures perfect registration. A precision twin roll unwind mechanism with photocell edge sensor guides the fabric precisely and smoothly onto the belt, whose glue is activated by heat, making the StampaJet ideal to print also on stretch fabrics without distortion.

Rotating cleaning unit

A rotating brush washing unit with open water circuit prevents 'back printing' by removing the excess of ink from the adhesive blanket. The entire washing unit is mounted on rails and can be extracted with ease for inspection and cleaning.

Hot air infrared dryers

StampaJet ships with two hot air infrared dryers. One before the printed fabric rewinding station to dry printed fabric and the other one just after the washing unit to dry out water traces from the belt, and pre-heat the blanket's surface to optimal working temperature of the thermoplastic adhesive.

Bulk ink supply system

The StampaJet can print with all acid, reactive, disperse, pigment and sublimation inks via a large capacity bulk ink feed system.

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DigiFab Systems

MODEL	StampaJet I-64
Printer	Variable dot piezo print heads
Print heads - Colors	4 extra wide 1440 nozzles piezo print heads. Each head 8 colors, 8 x180 nozzle rows
Print heads level	Automatic print head level adjustment from substrate: >1 -7 mm
Print head cleaning	Automatic print head cleaning cycle - automatic laser nozzles check
Print Resolutions	540 - 720 - 900 - 1080 - 1440 dpi a 4,6,8 pass - unidirectional & bidirectional
Fabric transport	Twin roll unwind unit with edge sensor - Adhesive belt Twin roll rewind unit
Print width, roll size	Maximum print width: 161 cm (63,3") - maximum fabric roll diameter: 28 cm. (11")
Print speed	4 Colors - 540 x 720 dpi, 4 pass, bidirectional, 585 ft ² /h or 39 linear yd/h 8 Colors - 540 x 720 dpi, 6 pass, bidirectional, 375 ft ² /h or 25 linear yd/h 8 Colors - 720 x 720 dpi, 8 pass, bidirectional, 315 ft ² /h or 21 linear yd/h 8 Colors - 1440 x 1440 dpi, 16 pass, bidirectional, 120 ft ² /h or 8 linear yd/h
Ink feed system	Ink feed system 4 x 4 or 2 x 8; 2000 ml ink tanks
Inks	Acid, Reactive, Disperse, Pigments, Sublimation 4 colors or 8 colors
Interface	USB 2.0
Noise level	< 50 db
Dimensions	Width: 10.5 ft - Depth: 5.25 ft - Height: 4.92 ft - Weight: 2,200 lb
Electric supply	Printer: Ac200V - 240V - 50/60Hz Belt system : 3phase 240V - 50/60Hz - 9 kw installed power - working power approx. 3 Kwh - CE
Working environment	Temperature range: 20-35 °C/ 68-95 °F - Humidity 35-65 % rh



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