



StampaJet® K8-180

StampaJet® - High Speed Digital Textile Printing

StampaJet® K8 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® K8 with its high print speed, ink and fabric versatility and color control, combined with a competitive price opens new opportunities to digital textile printing.

3767 ft²/h Plug & Print digital textile printer

Industrial scale textile digital printing is now even easier thanks to the StampaJet's top quality print results at production speeds of up to 262 linear yards per hour* in high speed mode. 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, water, air, load the inks and go.**

*Depending on number of colors, resolution and pass - see the print speeds on the back side of the brochure.

New print heads, speed, safety and quality

The StampaJet® comes with 8 of the latest in print head advancement, Kyocera® KJ4B, with 300 nozzle per row, variable dot, piezo print heads. KJ4B utilizes single and double drop technology allowing dot size from 5-36 pl, in 1,2 or 4 pass uni or bi-directional print modes. The distance from the print heads and the fabric surface is automatically adjusted by the printer.

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 automatic unwind mechanism with sensors and tension control, feeds 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. Optional A-frame unwinder allows rolls up to 1,400lbs.

Cleaning unit

Set of rotating rollers on the washing unit with open water circuit prevents 'back printing' by removing the excess of ink from the adhesive blanket. The entire washing unit can be extracted for inspection and cleaning.

Hot air dryer with fabric take up

StampaJet® ships with inline hot air dryer for drying printed fabric. Belt heater just after the washing unit assures belt is dry without water traces and pre-heats the blanket's surface to optimal working temperature of the thermoplastic adhesive. Take up system provide precision roll take up when using stretch materials.

Large capacity ink supply system

The StampaJet® can print with all acid, reactive, disperse, pigment and sublimation inks all ship in large capacity bottles and connect directly to ink feed systems.

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DigiFab® Systems



Dryer Specifications

Dimensions: 106.5"Lx124.5"Wx16.5"H
Heating: IR and Circulating Hot Air
Operating Environment: 68-77 °F
60-80% RH non-condensing
Weight: 4,409 lbs
Power: 380 Volt
Consumption: 18Kw
Max Material Width: 74.5"

StampaJet® K8-180 Specifications

Printer

Kyocera Variable dot piezo print heads

Print heads - Colors

8 extra wide nozzles piezo print heads.

Providing 1, 2, or 4 pass, 600/1200 variable dot printing

Print heads level

Adjustable print head level

Print head cleaning

Automatic print head and nozzle cleaning cycle

Print Resolutions

600/1200 dpi in 1, 2, 4 pass - unidirectional & bidirectional

Fabric transport

Automatic Unwind unit with tension control - Adhesive belt - Rewind unit

Print width, roll size

Maximum fabric width: 180 cm (73")

Maximum fabric roll diameter: 40 cm (15.5") opt. 150cm (59")

Print speed

4 Colors - 600x300 dpi, 1 pass, bidirectional, 3,766 ft²/h or 262 linear yd/h

4 Colors - 600 x 600 dpi, 2 pass, bidirectional, 2,153 ft²/h or 150 linear yd/h

8 Colors - 600 x 900 dpi, 3 pass, bidirectional, 1,539 ft²/h or 107 linear yd/h

8 Colors - 600 x 1200 dpi, 4 pass, bidirectional, 1,216 ft²/h or 84 linear yd/h

*data is subject to change due to mechanical modifications

Ink feed system

Ink feed system 2x10 liter per color; extra large ink tanks

Inks

Acid, Reactive*, Disperse*, Pigment*, Sublimation*

4 colors up to 8 colors - *currently being tested

Interface

Built in computer RIP station

Noise level

< 50 db

Dimensions

Width: 18.1 ft - Depth: 15.2 ft

Weight: 9,260lb

Electric supply

Printer: AC 220-380V - 50/60Hz

Belt system : 220-240V - 50/60Hz - 10 kw installed power
working power approx. 3 Kwh

Working environment

Temperature range: 20-35 °C/ 68-86 °F - Humidity 35-65 % rh



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