

DIGITAL PRINTING

QUALIJET HSB

QualiJet HSB

Based on Mimaki JV5 1600



The QualiJet HS comes with the Epson print heads, with 1440 nozzles per head.

The QualiJet HS is provided of an adhesive blanket which prevents even the smallest movement of the substrate once in position, and ensures perfect registration.

A precision unwinder mechanism with photocell edge sensor guides the fabric precisely and smoothly onto the blanket, whose glue is activated by heat, making the QualiJet HS ideal to print also on elastic fabrics.

Two hot air infrared dryers: one before the printed fabric rewind station to dry out the fabric and the other one just after the washing unit to dry out water traces from the blanket, and pre-heat the blanket's surface to optimal working temperature of the thermoplastic adhesive.

The QualiJet HS can print with all acid, reactive and disperse inks compatible with the Epson print heads, both from cartridge and external bulk feed systems.



www.la-meccanica.it
www.qualijet.eu

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.



QualiJet HS back view

From this point of view you can see the solid and compact machine body section with a minimum footprint and the unwinder station. Also here some smart ideas: a special device with a barrel profile just before the fabric to blanket contact line eliminates all tensions and spreads out possible fabric folds better than any other system.



Data indicated in this brochure were valid at time of publishing and change at any time without notice. They are not committing and depends from the brand of inks used.

Technical Features JV5 - 160S

Reference official Mimaki data

Printer	Variable dot piezo print heads – based on Mimaki JV5
Print heads/Colours	4 extra-wide 1440 nozzles piezo print heads - Each head 8 colours, 8x180 nozzle rows
Print heads level	Automatic print head level adjustment from substrate: 1,5 - 7 mm
Print head cleaning	Automatic print head cleaning cycle – automatic laser nozzles check
Print resolutions	540-720-1440 dpi, 4,6 or 8 passes, uni and bi-directional
Print width - Roll size	Maximum print width 1610mm (63.3") Maximum width of fabric 1650mm – Maximum diameter of fabric 280mm
Print speed	4 colours – 540x720 dpi – 4 passes – bidirectional – 54 m ² /h 8 colours – 540x720 dpi – 6 passes – bidirectional – 32 m ² /h 8 colours – 540x720 dpi – 8 passes – bidirectional – 29 m ² /h 8 colours – 720x720 dpi – 8 passes – bidirectional – 25 m ² /h
Type of inks	Acid, Reactive, Disperses, Sublimatic
Modalità	4+4 colours: CMYK 8 colours: CMYK, red, blu, orange, grey
Interface	USB 2.0
Noise level	< 50db
Power Supply	Plotter: Ac200V – 240 V – 50/60 Hz Blanket: (standard): Ac380V – 50/60 Hz
Operating environment	Temperature: 20-35° C – Humidity 35-65% rh
Main Optionals	- Manual print lifting device to print on substrate (max 60 mm) - Online degassing system

