



**QualiJet TP**

## **QUALIJET TP - INK-JET PRINTER FOR TRANSFER PAPER**

The QualiJet TP is a new high speed digital printer for transfer paper, based on the Mimaki Jv5, entirely developed and built in our factory in Italy, ideal for high quality production runs on a wide range of transfer paper substrates, up to 1.6 m. width a production speed well over 50 m<sup>2</sup>/hr. The QualiJet TP with its speed potential and colour control, combined with a competitive price and small footprint opens new opportunities to transfer paper printing.

### ▶ **+ 50 m<sup>2</sup>/h transfer paper ink-jet printer**

Industrial scale transfer paper digital printing is finally made easy thanks the QualiJet TP. Top quality print results at production speeds of over 50 m<sup>2</sup>/h in 2x4 colour mode, 540x720 dpi. The ink-jet printer is delivered fully assembled, tested,, ready to print.

### ▶ **New print heads, speed, safety and quality**

The QualiJet TP comes with the new extra wide variable dot Epson 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 each nozzle efficiency and prevents from print faults.

### ▶ **Accurate and heavy duty paper feed system**

The QualiJet TP heavy duty feed, transport and rewind system ensures a perfect control over a wide range of paper substrates. The axial unwind and rewind unit can take heavy paper rolls on air shafts. The paper tension and alignment is always under control preventing bending and moiré effects at over 50 m<sup>2</sup>/h production speed.

### ▶ **Perfect ink drying**

Perfect ink drying at full speed is covered by a triple surface heating zone, prior during and after the print area, and final drying with a double line of air fans. An optional additional infrared heater is available for particularly heavy conditions.

### ▶ **Open ink supply system**

The QualiJet TP can print with all disperse and sublimatic inks compatible with the Jv5 Epson print heads, both from the standard 1.5 litres bulk feed system and from the optional Stork 2 litre cartridge feeder. An optional on-line ink-degassing system improves ink performances reducing cleaning cycles and ink waste by over 30%.

### ▶ **Quality and innovation**

The QualiJet TP printers are manufactured with a visibly higher quality standard that can be perceived at first impact. A lot of substance and a long list of new ideas, with a tendency to perfection.



# QualiJet TP

► **"bottles" bulk feed**

1 liter ink bottles bulk feed



► **Standard bulk feed**

This is the standard 8x1,5 liters open ink bulk feeder. The optional on line ink degassing system is recommended.

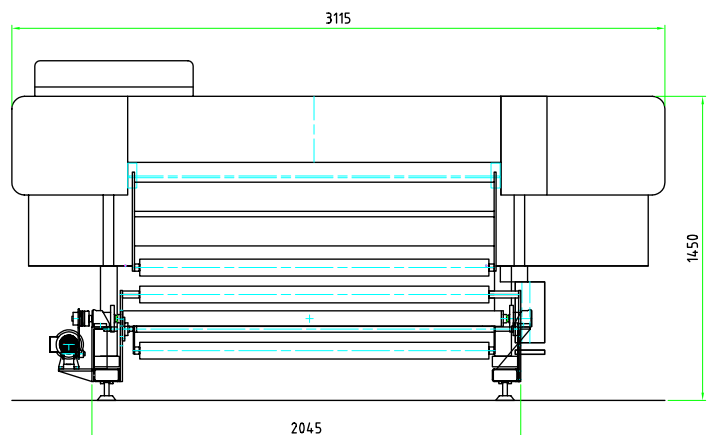
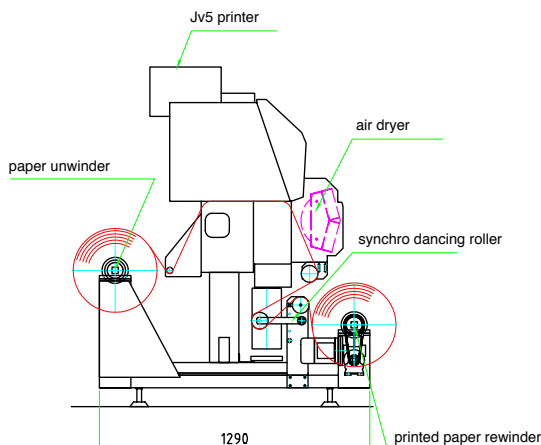


► **Stork inks bulk feed**

The QualiJet TP is also available in the "Stork inks powered" edition with an 8x2 liter cartridge bulk feeder. In this case there is no need of online degassing because the ink is already degassed.

## Technical data

Printer	Variable dot piezo print heads - based on Mimaki JV5
Print head n° - Colours	4 Epson piezo print heads - Each head 8 colours
Print heads level	Automatic print head level adjustment from substrate: 0 -7 mm
Print head cleaning	Automatic print head cleaning cycle - automatic laser nozzles check
Print resolutions	540 - 720 - 1440 dpi a 4,6,8 pass - mono & bidirectional (depending on software)
Paper transport	Axial unwinder, powered axial rewriter, neumatic air shafts.
Print width, roll size	Maximum print width: 161 cm (63,3") - maximum paper roll diameter: 30 cm
Print speed	<ul style="list-style-type: none"> <li>» 4 colours - 540x720 dpi - 4 passes - bidirectional - 54 m<sup>2</sup>/h</li> <li>» 8 colours - 540x720 dpi - 6 passes - bidirectional - 32 m<sup>2</sup>/h</li> <li>» 8 colours - 540x720 dpi - 8 passes - bidirectional - 29 m<sup>2</sup>/h</li> <li>» 8 colours - 720x720 dpi - 8 passes - bidirectional - 25 m<sup>2</sup>/h</li> </ul>
Ink feed system	<ul style="list-style-type: none"> <li>» Bulk feed with 8 x 1,5 liters tanks - optional online ink degassing system (default system)</li> <li>» Bulk feed with 8 x 1 liter bottles - optional online inke degassing system (charged extra)</li> <li>» Stork bulk feed with 8 x 2 liter degassed cartridges (charged extra)</li> </ul>
Inks	Disperse, sublimation. - 4 colours: CMYK - 8 colours
Interface	USB 2.0
Noise level	< 50 db
Dimensions	Width: 3,2 m - Depth: 1,30 m - Height: 1,5 m - Weight: 600 kg
Electric supply	Printer: Ac200V - 240V - 50/60Hz - Axial rewind unit : Ac380V - 50/60Hz
Working environment	Temperature range: 20-35 °c - Humidity 45-65 % rh



**Bontex Srl**

Via Baldissera, 9 • 20129 MILANO  
T: +39 02 20403111 • email: info@bontex.net

[www.qualijet.eu](http://www.qualijet.eu)  
email: [info@qualijet.eu](mailto:info@qualijet.eu)

**La Meccanica Spa**

Via delle Industrie, 174 - 24059 URGNANO (BG)  
T: +39 035.893099 - email: info@la-meccanica.it