



Digital Print Solution for Direct-to-Substrate Proofing of Packaging

Discover an end-to-end digital print solution for direct-to-substrate proofing of packaging integrating Mutoh's ValueJet 628MP, a 24" (630 mm) wide digital piezo inkjet printer, CGS ORIS™ FLEX PACK software and the new generation CGS ORIS multi-resin XG INKS (C, M, Y, K, Lc, Lm & White).

This unique print solution is currently the only one available that is capable of printing directly onto a wide variety of packaging substrates without primer or pre-coating, such as shrink film, uncoated label stock and corrugated board.

When compared to water-based or eco-solvent based proofing technologies, the ValueJet 628MP print solution will offer users the ability to print directly on to the exact same substrate which will be used in the final production run, covering specific proofing applications for which transfer film and the use of traditional water-based and eco solvent inks is not an alternative.

Product Highlights

- 24" (630 mm) piezo printer with integrated 10 kg take-up system
- Latest generation piezo print head technology on board
- Impeccable print quality every time with Mutoh Intelligent Interweaving print technology (i²)
- CMYK, Lc, Lm + White CGS ORIS multi-resin XG INKS
- Extensive colour gamut and excellent image durability
- High opacity white ink for prints on transparent & coloured substrates
- Inks extremely stretchable and shrinkable

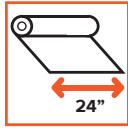
Application Possibilities

The ValueJet 628MP is suited for graphics companies or professional packaging companies looking for a digital solution for proofing of short run production of packaging prototypes or customised labels or companies specializing in shrink film prototyping and production.





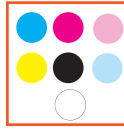
Piezo Variable Drop



24" / 630 mm wide



CGS ORIS FLEX PACK software



CMYK, Lc, Lm & White



24 inch Wide Print Solution for Direct-to-Substrate Proofing of Packaging



Innovative mild temperature, low pressure hot air knife system

The VJ-628MP integrates a mild temperature low pressure hot air knife system. In combination with the contact heaters under the media, the hot air blow system allows the CGS ORIS multi-resin XG inks to dry on top of non-coated media without exposing them to excessive heat.



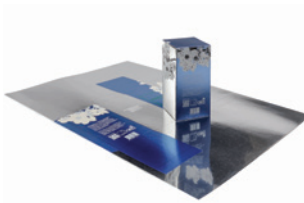
Enhanced media handling & transport

The media loading system in this printer has been optimized to load a wide variety of flexible substrates, for example very thin shrink film. The pressure rollers holding the substrate against the grit roller can be individually disabled. While at the back of the printer, the unit has a media scroller and scroller receivers for media rolls up to 9 kilograms, the front of the printer includes a 10 kilogram automatic winder system.



New generation CGS ORIS™ multi-resin XG Inks

The new generation CGS ORIS multi-resin XG inks come in seven colours: cyan, magenta, yellow, black, light cyan, light magenta and white. The white ink allows you to print and get good colours on non-white substrates as well as transparent substrates. The printer is equipped with an internal recirculation mechanism which will prevent deposits of heavy ink particles into the non-accessible parts like for example the ink tubing. The ink cassettes are mounted at the rear of the printer and they are 220 milliliter size.



Key Specifications

Print Technology	Drop-on-demand Micro Piezo Inkjet Technology
Print Heads	1 (8 colour channels)
Nozzle Configuration	180 nozzles x 8 lines
Drop Mass Range (pl)	3,88 to 22 (colours) 3,91 to 24,7 (white)
Head Heights	Low: 1.2 mm / High: 2.5 mm
Max. Media Width / Print Width	630 mm (24,80") / 620 mm (24,40")
Max. Media Thickness	0.3 / 1.3 mm *

* : Max. media thickness is specified per head height

Media Measurements * Ø 150 mm / 2" & 3" / 9 kg

* : Standard non-motorised roll-off system at the rear / take-up system on front of the unit

Machine Measurements

Width x Depth x Height	1190 x 690 x 1209 mm
Weight	45.7 kg

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