



## 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 and Mutoh's unique MP31 multi-purpose 8-colours ink set : C,M,Y,K, Orange, Green, Blue and White. The ink set will deliver a very wide colour gamut and will enable extremely accurate colour reproduction.

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.

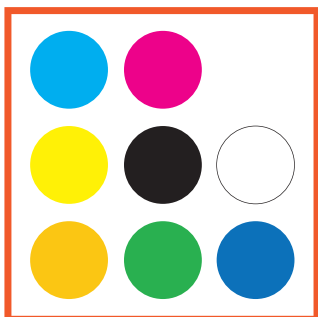
When compared to water-based or eco-solvent based proofing technologies, the ValueJet 628MP print solution will offer users the ability to print directly onto the exact same substrate which will be used in the final production run, covering specific proofing applications for which transfer film and the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

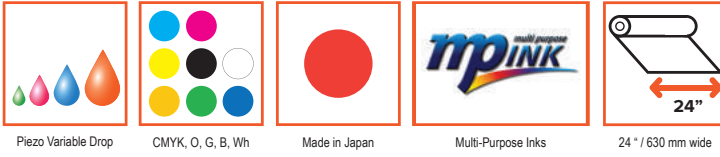
## Product Highlights

- 24" (630 mm) piezo printer with integrated 10 kg take-up system
- Piezo drop on demand print technology
- 8 colour ink set : C, M, Y, K, O, G, B, Wh
- Very wide colour gamut and extremely accurate colour reproduction
- Allows direct proofing to the materials which will be used in the final production run
- Maintains the true look and feel of the substrate you are printing on
- 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 direct proofing of packaging prototypes or customised labels or companies specializing in shrink film prototyping and production.





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



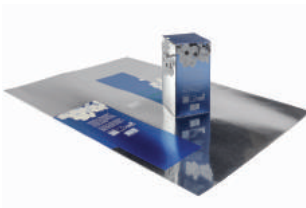
### Innovative mild temperature, low pressure hot air knife system

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 MP31 multi-purpose 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.



### 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

### Ink Specifications

Ink Type	MP31 Multi-Purpose inks
Ink Colours / Volume	CMYK + White & cleaning / 500 ml pack *
* : 500 ml pack requires optional adapter	OGB / 220 ml cassette
Ink Setup	4 colours (C, M, Y, K) 5 colours (C, M, Y, K, Wh) 7 colours (C, M, Y, K, Or, Gr, Bl) 8 colours (C, M, Y, K, Or, Gr, Bl, Wh)
Ink Consumption	6,6 ml/m <sup>2</sup>

\* : Average ink consumption at 720 dpi - (CMYK setup)

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### Machine Measurements

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

