



WIDE FORMAT PRINTING WILL NEVER BE THE SAME.

Memjet is the global leader in color printing technologies that provide remarkable speeds and affordability.



COST-EFFECTIVE TECHNOLOGY

Memjet technology is an entirely new printing category that brings cost-effective, on-demand color printing to a variety of existing and new print locations. Memjet-powered printers give you the freedom to print exactly what you want, when you want it and where you want it, making single pass, color, wide format printing possible for just-in-time operations. This kind of flexibility means custom content, vibrant colors, accelerated workflow, and reduced waste for remote printing facilities. That means new, profitable business models.

HIGH QUALITY, ON-DEMAND PRINTING

The Memjet Wide Format OEM Print Engine features over 350,000 nozzles (70,400 nozzles per printhead x 5 printheads) that deliver millions of drops of ink every second. Our 8.77-inch-wide printhead delivers 1,600 dpi native print resolution in process color (CMYK). Our 42" (1067mm) wide print engine is capable of printing on-demand print speeds of 6 inches (150mm) or 12 inches (300mm) per second. A standard D size or A1 size plot can be printed in 2 or 4 seconds respectively. Each ink color is delivered via a large bulk ink tank (2 liters or 10 liters).

WIDE FORMAT OEM PRINT ENGINE FEATURES

- High resolution
- High-speed printing
- Five color ink delivery system
- Commercial grade paper path
- Flexible Application Programming Interface (FAPI)
- Support for user interface development and access to IO

To learn more about Memjet

Memjet-powered wide format printers are sold only through authorized Memjet OEM partners. For more information on Memjet OEM partner products, please visit www.memjet.com



MEMJET WIDE FORMAT OEM PRINT ENGINE TECHNICAL SPECIFICATIONS

PRINTING CAPABILITIES

Print method:	Drop on Demand Thermal Inkjet
Print width:	Five Memjet 8.77" Printheads: 42" (1067mm)
Ink colors:	Five channels per Printhead: CMYKK
Nozzle count:	352,000 nozzles (70,400 per color)
Drop size:	~ 1.2 picoliter
Maximum dot rate and line fire frequency:	3.4 billion drops per second, 9.6kHz
Maximum printable width:	42" (1067mm)
Minimum printable width:	8.27" (210 mm)
Print speed:	High quality mode: 6 inches/sec
	Normal quality mode: 12 inches/sec
Print resolution:	High quality mode: 1600 dpi x 1600 dpi
	Normal quality mode: 1600 dpi x 800 dpi

INK AND MEDIA

Ink type:	Aqueous dye inks
Ink cartridges:	Five ink cartridges (C, M, Y, K,) - 2 liters or 10 liters
Ink tracking:	Secure ink management
Media types:	OEM controlled paper transport can be sheet or continuous roll on plain, matte and glossy inkjet paper
Media thickness:	Media thickness is configurable and media transport dependent
Maximum print length:	100' (30m)
Minimum Media length:	8.27" (210 mm)
Minimum Media width:	8.27" (210 mm)
Maximum Media width:	42" (1067mm)

PRINTER CONNECTIVITY

Interface:	Gigabit Ethernet
Host operating systems:	Windows XP SP3, Windows 7, Mac OSX API for OEM custom driver development

WEIGHTS, DIMENSIONS

Dimensions:	Width: 62.5" (1587mm) Height: 27.9" (710mm) Depth: 15.8" (400mm)
Weight (dry):	130 kg (287 lb)
Power requirement:	24VDC, 27A

ENVIRONMENTAL

Operating temperature:	15°C to 30°C (59°F to 86°F)
Maximum rate of change:	± 0.5°C/minute (± 0.27°F/minute)
Humidity:	20% to 80% RH non-condensing
Atmospheric pressure:	70 kPa to 106 kPa
Storage / Transport temperature:	5°C to 45°C (41°F to 113°F)
Maximum rate of change:	± 0.5°C/minute (± 0.27°F/minute)
Humidity:	5% to 95% RH non-condensing
Atmospheric pressure:	70 kPa to 106 kPa

Email: info@memjet.com

Subject to change.