

Excelagraphix 4800 | Powered by memjet®

A DIGITAL PACKAGE PRINTING SOLUTION



- Ultra fast inkjet capable of 46 42" (106.7cm) x 24" (60.9cm) full color sheets per hour
- Corrugated flat sheets up to 5/8" (15.9mm) thick X 48" (121.9cm) wide X 8' (2.4m) length
- Print folded and glued RSCs and Die Cut sheets
- Change jobs in seconds with no plates or cleanout
- Variable Data and Personalized Printing within the same job

HOW IS THE EXCELAGRAPHIX 4800 DIFFERENT THAN OTHER INKJET PRINTERS = VERY FAST!

The Excelagraphix 4800 offers incredible speed and a small footprint at an attractive price point not found in other traditional inkjet technologies. The Excelagraphix 4800 is powered by Memjet's revolutionary Waterfall Printhead Technology®, employing a stationary print head bar system that allows for single pass print speeds up to 416 corrugated flat sheets of 48" (121.9cm) x 24" (60.9cm) per hour.

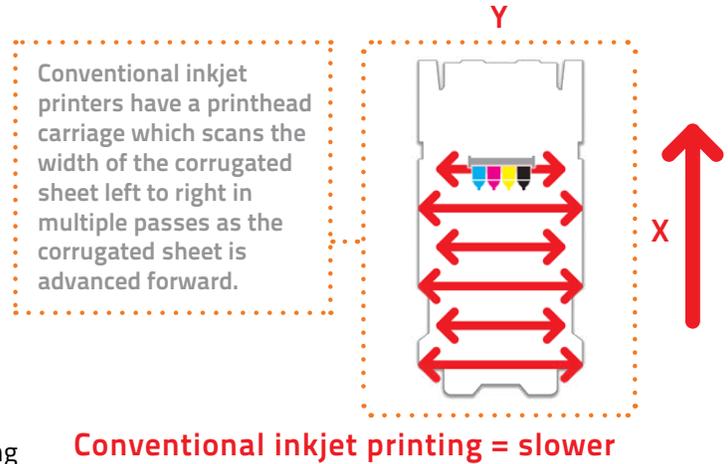
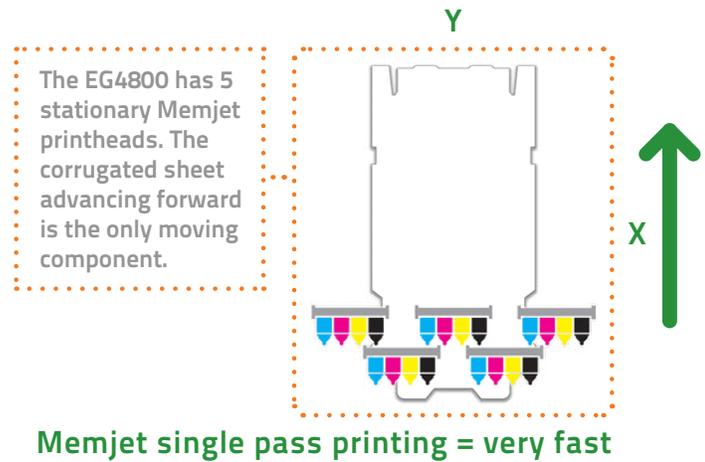
HOW TO INTEGRATE THE EXCELAGRAPHIX 4800 INTO YOUR PRODUCTION PROCESS

Now, corrugated converters and printers can print uncoated, folded, glued, die cut corrugated material up to 48" (1.22 m) wide on substrates up to 5/8" (15.9mm or 1.27 cm) thick, in quantities of one to small production quantities, which incorporate variable branding on the fly. Now you can print different graphics in the same run in seconds.

Creative and structural designers can now print true production quality sheets by creating mock ups or production ready packaging that are a closer match to traditional production. Printing with vibrant 4 color process (CMYK) aqueous dye ink at 1600 dpi resolution, the Excelagraphix 4800 produces a wide reproducible color gamut, image quality and color fidelity for product image detail and corporate color matching.

The Excelagraphix 4800 is not intended to replace your current flexo press, but work along side it. Adding a high speed inkjet printer will increase your bottom line by allowing you to:

- Instantly create full color prototypes that closely match color and quality of production runs. Decrease turn around time with direct inkjet printing.
- Profitably print lower quantity orders with ease: No plates, No setup, No make ready, No waste.
- Incorporate variable data printing into sample and production runs.
- Accept new business or same day orders without affecting current production on your flexo press.
- Say YES to small, complex, or rush jobs to attract new customers and retain existing accounts.



PDF artwork



The EG4800 eliminates make-ready allowing prototypes or production to begin directly from the PDF artwork.



How can a packaging company benefit from the Excelagraphix 4800?

The Excelagraphix 4800 uses an innovative non-contact 1600 dpi resolution print head bar system powered by Memjet which allows for high resolution detail printing on uncoated, porous fluted materials, eliminating surface impact and image degradation of run variability, dot gain and registration issues common with traditional direct print. The Excelagraphix 4800 single pass printing also eliminates pre-press and minimizes machine down time.



SPECIFICATIONS

PRINTING CAPABILITIES

Print method:	5 Memjet drop on demand thermal inkjet print heads
Print width:	42" (106.7cm) [media width up to 48"(121.9cm)]
Ink colors:	Five channels per Printhead: CMYKK (both K are identical)
Print resolution:	1600 dpi x 1600 dpi or 1600 dpi x 800 dpi
Print speed:	Up to 416 48" (121.9cm) wide x 24" (60.9cm) long sheets per hour
Production speed example:	48" (121.9cm) length sheet 338 per hour or 24" (60.9cm) length sheet 416 per hour
Sheet feed:	Manual (Automatic feeder and stacker can be added)

INK AND MEDIA

Ink type:	Customized dye-based aqueous inks
Ink cartridges:	5 ink cartridges (C, M, Y, K, K) - 2 liters
Media types:	Uncoated paperboards and corrugated sheets of mottle white, bleach white, and kraft
Media thickness:	Corrugated material thickness up to 5/8" (15.9mm) is configurable and corrugated material transport dependent
Corrugated type:	A, B, C, D, E, F, or G flute of single face, double face, double-wall, and triple-wall up to 5/8" (15.9mm) caliper. Unconverted, die-cut, or folded and glued up to 5/8" (15.9mm) caliper
Min. / Max. Media length:	From 18" (45.7cm) up to 8' (2.4m) is configurable and corrugated material transport dependant
Min. / Max. Media width:	From 12" (30.5cm) up to 48" (121.9cm) is configurable and corrugated material transport dependant

PRINTER CONNECTIVITY

1-Gigabit Ethernet and USB 3.0

PREPRESS SOFTWARE

Xanté iQueue Workflow:	Adobe® PostScript® 3™, Independent CMYK Density Control, Spot Color Matching, Imposition, Job Cost Estimating, Digital File Editing, Variable Printing, and much more
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WEIGHTS, DIMENSIONS

Dimensions:	81.5" (2.1m) W x 49" (1.2m) H x 82" (2.1m) or 98" (2.5m) D with tray rods extended
Weight (dry):	880lbs (399kg)
Printer Power requirement:	110 - 240 Volts / 10A
Vacuum power requirement:	(2) 110 - 240 Volts / 10A

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:	50 % 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)
Max. 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



Adobe® PostScript® 3™



iQueue
WORKFLOW

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