ULTRA HIGH SPEED WIDE FORMAT INKJET

XANTÉ

Excelagraphix 4200P | *Powered by* memjet.

THE DIGITAL PACKAGE SOLUTION

- PRINT SPEEDS UP TO 12" (305mm) PER SECOND
- MEDIA UP TO 5/8" (15.9mm) THICK
- SHEETS UP TO 42" (1067mm) W x 8' (2.4m) L
- PRINT VARIABLE DATA AT FULL SPEED
- DRIVEN BY THE IQUEUE RIP-WORKFLOW

Adobe® PostScript® 3™

HOW THE EXCELAGRAPHIX 4200P WENT FROM CONCEPT TO REALITY

For years, packaging companies have run their print jobs on large flexographic presses. While this solution works well for larger quantity runs, it may not be efficient or cost effective for customized or shorter runs. The Excelagraphix 4200P meets the customer demand to fulfill profitable, on demand short run package printing.

The Xante Excelagraphix 4200P Inkjet Print System changes everything you know about high speed wide format corrugated material printing.

HOW THE EXCELAGRAPHIX 4200P WILL WORK FOR YOU BUSINESS

Packaging companies have minimum quantity requirements to cover set up and machine down time. Because of this, these companies typically turn away smaller quantities and customized packaging print jobs. With little to no profit in shorter runs, pricing for less than minimum quantities is typically higher than customers are willing to pay.

Now you can print custom full color containers with special promotions, personalized ad copy and graphics – on demand. The print speed, small foot print and price point of the Excelagraphix 4200P opens new business opportunities and markets previously unserviced by the packaging industry. The Excelagraphix 4200P offers digital, full color package printing for pennies per square foot.

The Excelagraphix 4200P allows manufacturers to not only print shorter runs for a profit, but also charge a premium price for a premium product.

Fast turn around, variable data printing and no post curing or dry time enables manufacturers and printers to fulfill even same day service needs of their customers.

Our customers find that the ability to print shorter runs of corrugated material enable them to fully service their current customers as well as provide new services to new customers. The ability to be a one-stop shop for your packaging customers' needs sets you apart from other package printing companies.

The Excelagraphix 4200P also enables you to match critical colors and eliminates pre-press, machine downtime and color to color registration issues often associated with flexo presses.

HOW THE EXCELAGRAPHIX 4200P IS DIFFERENT THAN OTHER DIGITAL WIDE FORMAT PRINTERS

The Excelagraphix 4200P offers incredible speed, a small footprint and an attractive price point in addition to the wide format, full color printing. The Excelagraphix 4200P is powered by Memjet's revolutionary Waterfall Printhead Technology, employing five printheads that allow for print speeds of 12 inches or 6 inches linear per second.

HOW TO INTEGRATE THE EXCELAGRAPHIX 4200P INTO YOUR PRODUCTION PROCESS

The Excelagraphix 4200P is not intended to replace your Flexo Press, but to sit along side your current presses as a complimentary printer for shorter runs and personalized printing.

The Excelagraphix 4200P is run by iQueue Workflow Software, a user-friendly Adobe PostScript 3 RIP. The purchase of an Excelagraphix 4200P includes iQueue Software, a PC, a set of inks, a set of wiper rollers, a set of printheads and two day installation and training – everything you need to get the Excelagraphix 4200P up and running in your production shop.

The Excelagraphix 4200P enables you to run customized jobs while simultaneously running your current presses, increasing your production capabilities and your bottom line.

THE ULTRA HIGH SPEED, WIDE FORMAT INKJET

The Xanté Excelagraphix 4200P (Packaging Series) Inkjet Print System changes everything you know about high speed, wide format printing. It features the revolutionary Memjet® Waterfall Printhead Technology™ that delivers more than 3 billion drops of ink per second, for print speeds up to 8 times faster than traditional inkjet technology. The adjustable media path allows users to print on thick stocks such as corrugated paperboard, foam board and liner board. The Excelagraphix 4200P is perfectly suited for printing custom full color packaging, signage, displays and more; in just seconds rather than minutes.

UP TO 12" PER SECOND*

EXCELAGRAPHIX 4200P FEATURES:

- UP TO 12" (305mm) PER SECOND AT 1600 x 800 DPI
- UP TO 6" (152mm) PER SECOND AT 1600 x 1600 DPI
- MEDIA UP TO 5/8" (15.9mm) THICK
- PRINT ON PRE-DIE CUT SHEETS AND FULLY ASSEMBLED RSC's
- SHEETS UP TO 42" (1067mm) W x 8' (2.4m) L
- 5-COLOR (CMYKK), 2-LITER INK DELIVERY
- PRINT VARIABLE DATA AT FULL SPEED
- DRIVEN BY THE IQUEUE RIP-WORKFLOW

ADVANCED HIGH SPEED INKS

Memjet Dye-Based Aqueous Inks are specially formulated for optimal printing at extremely high speeds. They use advanced dye colorants designed to meet the demands of rapid drop ejection, single-pass printing. These inks contain no VOC's, and require no ventilation.

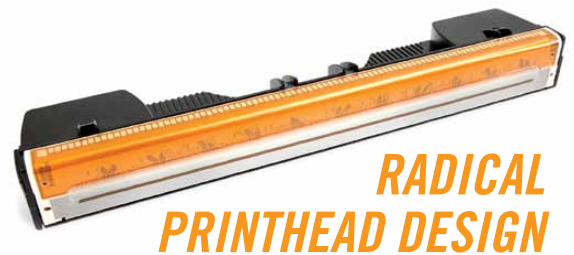**New automatic lift provides easy access for routine maintenance**

Adjustable feed path allows heavy media up to 5/8" (15.9mm) thick

New portable input table

FULL COLOR CUSTOM PACKAGING IN SECONDS

Now you can print custom full color containers with special promotions, variable (personalized) data, QR Codes and more. Print pizza boxes, take-out boxes, shipping containers, product packaging and displays. Instantly print full color prototypes and more. The print speed, small foot print and price point opens new business opportunities and markets previously unserviced by the packaging industry. The Excelagraphix 4200P enables you to print on-demand with no post curing or dry time.

RADICAL PRINTHEAD DESIGN

The Excelagraphix 4200P is powered by Memjet's revolutionary Waterfall Printhead Technology™. It employs five Memjet printheads that shoot over 3 billion microscopic drops of ink per second. The result is higher print speeds up to 12" (305mm) per second at 1600 X 800 dpi.

The microscopic 1.2 picoliter ink droplets absorb into most substrates in milliseconds, so most printed pieces are completely dry the instant they exit the printer.
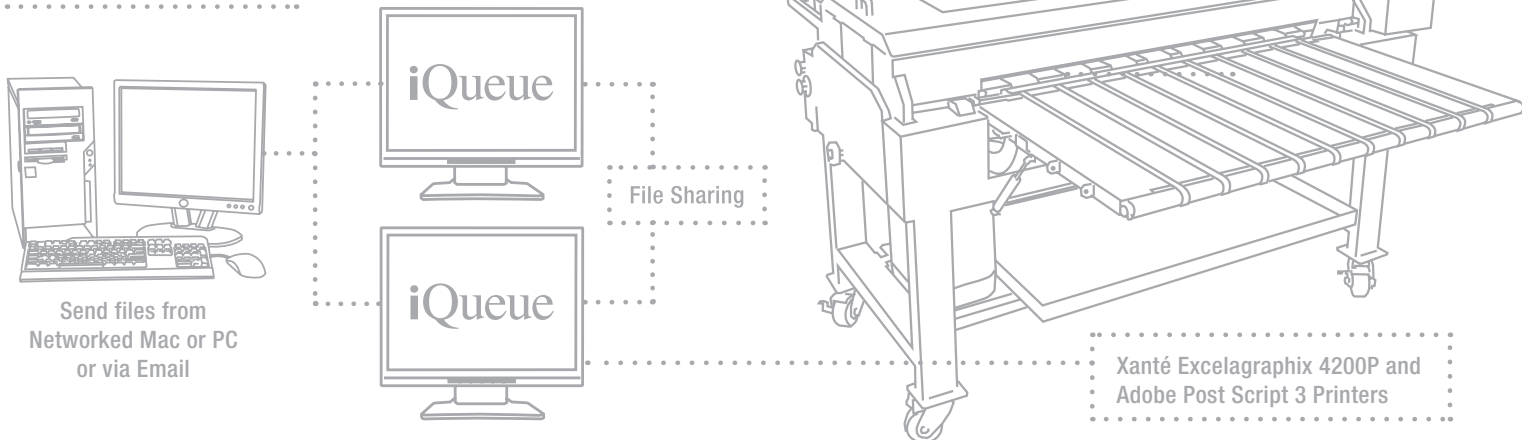
SIMPLY BRILLIANT DIGITAL COLOR WORKFLOW

iQueue 8 Ultimate is a multi-user digital workflow designed specifically for the Excelagraphix 4200P. iQueue makes it easy to manage complex digital files, make independent CMYK color adjustments, match critical spot colors, import variable data, create custom QR codes, estimate job costs and much more.

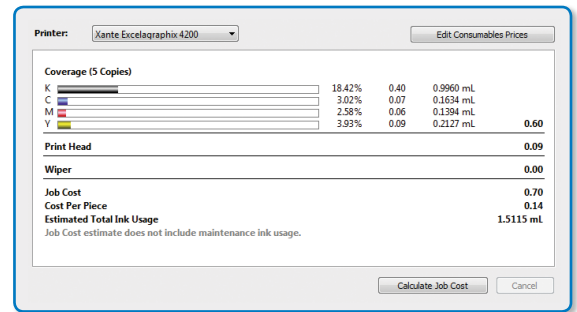## AVAILABLE WORKFLOW FEATURES

- ADOBE® POSTSCRIPT® 3™ RIP
- FULLY INDEPENDENT CMYK CONTROLS
- COLOR MANAGEMENT WITH MEDIA SPECIFIC PROFILES
- INTEGRATED PANTONE® COLOR LIBRARY
- RIGHT-ON SPOT COLOR MATCHING
- FULL IMPOSITION / TILING
- NEW QR CODE GENERATOR
- NEW VARIABLE DATA AND SEQUENTIAL NUMBERING MANAGER
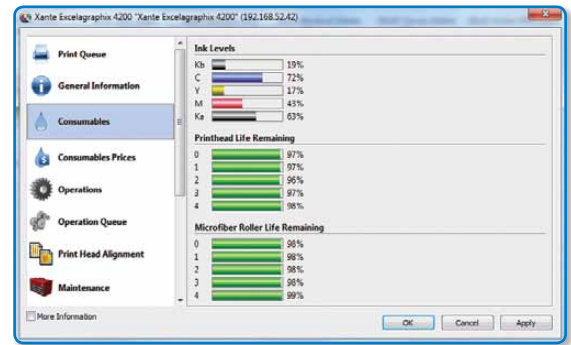- FILE SHARING AND MUCH MORE

Smart Job Cost Estimating

iQueue takes the guess work out of job cost estimating. Simply enter the desired run quantity and click on the Job Cost Tab to see your total consumables cost instantly.

Consumables Usage

iQueue makes it easy to monitor the consumables of the Excelagraphix 4200P. Click on the Consumables Tab for a detailed view of ink levels, printhead life and wiper roller life.

New Variable Data / Sequential Numbering

The new Variable Data and Sequential Numbering Manager allows users to import personalized data into documents that reside in iQueue. Use the handy sequential numbering feature to tag digital files that have multiple pages, for easy run and response tracking.

iQueue Print Queues

User friendly print queue which allows operators to monitor jobs sent to the printer, change print order, cancel and even pause for routine maintenance.

The iQueue Network

File Sharing

Send files from Networked Mac or PC or via Email

Xanté Excelagraphix 4200P and Adobe Post Script 3 Printers

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EXCELAGRAPHIX 4200P (PACKAGING SERIES) SPECIFICATIONS

PRINTING CAPABILITIES

Print method:	Drop on Demand Thermal Inkjet
Print width:	5 Memjet 8.77" (223mm) Printheads: 42" (1067mm)
Ink colors:	Five channels per Printhead: CMYKK
Nozzle count:	352,000 nozzles (70,400 per color)
Drop size:	~ 1.2 picoliter
Max. dot rate / Line fire frequency:	700,000,000 drops per second, 9.6kHz (per Printhead)
Print speed:	Up to 12" (305mm) per sec at 1600 dpi x 800 dpi or 6" (152mm) per sec at 1600 dpi x 1600 dpi
Print resolution:	1600 dpi x 1600 dpi or 1600 dpi x 800 dpi

INK AND MEDIA

Ink type:	Customized dye-based aqueous inks
Ink cartridges:	5 ink cartridges (C, M, Y, K, K) - 2 liters or 10 liters
Ink tracking:	Secure ink management
Media types:	Various inkjet friendly substrates
Media thickness:	Media thickness up to 5/8" (15.9mm) is configurable and media transport dependent
Min. / Max. Media length:	From 12" (305mm) up to 8' (2.4m)
Min. / Max. Media width:	From 8.27" (210mm) up to 42" (1067mm)

PRINTER CONNECTIVITY

1-Gigabit Ethernet USB

PREPRESS WORKFLOW

Xanté iQueue Workflow:	Adobe® PostScript® 3™, Independent CMYK Density Control, Spot Color Matching, Imposition, Job Cost Estimating and much more

WEIGHTS, DIMENSIONS

Dimensions:	65" (1651mm) **W** x 49" (1245mm) **H** x 62.5" (1587mm) or 88" (2235mm) **D** with tray rods extended
Weight (dry):	880lbs (399kg)
Power requirement:	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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