

Precision Label Series

TECHNOLOGY



Precision Packaging Series PKG-675i

HIGH-QUALITY DIGITAL CORRUGATED PRESS

Designed for corrugated manufacturers, converters, printers and brand owners looking for a short-run digital print solution

Print-on-demand for customized short-run box printing — saves time and money

Memjet's VersaPass printhead technology for exceptional image quality and printhead longevity

Large color gamut fidelity with Memjet's Guthega aqueous ink, FDA-approved for indirect food contact

Fast print speeds — 6" per second at 1,600 x 800 dpi resolution or 12" per second at 1,600 x 1,600 dpi resolution

Printer interface offers ease of use for the operator

Easy installation and setup

Powered by the Caldera RIP controller



A GREAT PRODUCT DESERVES AN **EXCEPTIONAL PACKAGE.**

**Print high-quality, eye-catching boxes.
That sell and protect the product. Instantly and on demand.**

Digital packaging is in high demand. After all, your packaging is the first way to deliver your brand's image to a customer. It has to work harder than ever before, grabbing attention to increase revenue, and offering higher quality, shorter runs and customization. Konica Minolta's PKG-675i printer is a high-speed, digital corrugated- and folding-carton printer that provides vibrant digital color and efficient production. Corrugated packaging is not just for outer-box shipping anymore. The "box-to-shell" concept is being used worldwide to protect, promote and deliver products. The PKG-675i allows you to print rich graphics on corrugated packaging so you can capture the short-run market, affordably and economically. It prints on a wide range of media, from flat boards to pre-die cut folded and glued boxes, up to a 5/8" thickness. The result? Quality labels your brand demands. At a price your business requires.



DIGITALLY PRINTED BOXES **MADE EASY.**

The PKG-675i prints directly on folding cartons, corrugated flats and pre-die cut media. Digital technology and workflow enable you to print your box in seconds. By bringing box printing in-house, you will significantly improve time to market and reduce waste and production time. You will see immediate ROI of cost savings and profit.

The PKG-675i provides:

- On-demand printing of folding cartons and boxes
- High quality of 1,600 x 1,600 dpi
- Fast print speeds up to 12" or 6" per second
- Boxes with full-color graphics
- Customized company branding
- Variable data option plug-ins
- Run lengths from one to thousands
- 5 Memjet printheads
- Memjet FDA-approved aqueous ink in C, M, Y, K, K (2 black channels), with a large color gamut
- Unique user-friendly printer interface
- Caldera RIP technology
- Software dashboard to view printer operations and ink levels at a glance with ink consumptions per job level
- Safety sensors on all access doors to ensure safety compliances



KEY BENEFITS

PKG-675i

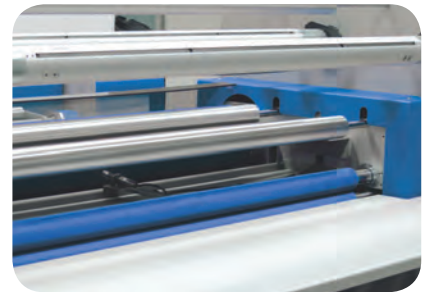
- User-friendly interface
- Easy access to 2-liter ink tanks
- Adjustable feeder
- Imaging system
- System RIP controller access



SENSORS



IMAGING MODULE



DELIVERY

PKG-675i

HIGH-QUALITY DIGITAL CORRUGATED PRESS

SYSTEM SPECIFICATIONS

| | |
|--|--|
| Resolution | High resolution: 1,600 x 1,600 dpi Low resolution: 1,600 x 800 dpi |
| Print speed | High resolution: 5.91"/sec (150 mm) Low resolution: 11.81"/sec (300 mm) |
| Power consumption | 3.5 kW – 110 VAC, 15A, 50 Hz |
| Dimensions (H x W x D) | 5.22' x 7.91' x 7.48' (1,591 x 2,410 x 2,279 mm) |
| Weight | 2,204.62 lb (1,000 kg) |
| Catch tray dimensions (H x W x D) | 2.02' x 4.27' x 3.28' (615 x 1,300 x 1,000 mm) |
| Catch tray weight | 110.2 lb (50 kg) |
| Air compressor (not included) | 8 mm connection, 6 BAR/87 PSI |

MEDIA

| | |
|--------------------------|--|
| Media types | Flats and pre-die cut Corrugated and board: white uncoated, brown craft |
| Media thickness | Min.: 0.019" (0.5 mm) Max.: 0.625" (1.5875 mm) |
| Max media width | 47" (1,193.8 mm) |
| Max media length | Unlimited |
| Max imaging width | 42" (1,066.8 mm) |

OPERATING ENVIRONMENT

| | |
|------------------|----------------------------|
| Operation | 68°F (20°C) – 86°F (30°C) |
| Humidity | 22%–80% RH (noncondensing) |

SOFTWARE

| | |
|----------------------------|------------------|
| Internet connection | 24/7 requirement |
| Platform | PC/Windows-based |
| VDP module | Optional |
| Controller | Caldera RIP |
| Interface | PC-based |

PRINTHEADS & INK

| | |
|-------------------------------|----------------------------------|
| Color configuration | C, M, Y, K, K (2 black channels) |
| Ink 2 liter tanks* | Water-based (aqueous) |
| Nozzles per printhead* | 74,900 |

* Printheads and ink manufactured by Memjet.

Precision Packaging Series

PKG-675i Digital Packaging Printer

Powered by
memjet

For complete information on Konica Precision Label Series products and solutions, please visit: <https://www.muratec.com/industrial-label-presses/inkjet-digital-label-presses/pkg-675i/>

Precision Label Series

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