



PKG-1300

AUTOMATED DIGITAL CORRUGATED PRESS

KEY FACTS

Designed for corrugated manufacturers, converters, printers and brand owners looking for an automatic industrial digital print solution.

Fast print speeds: 27 m per minute at 300 x 1,200 dpi resolution, 18 m perminute at 600 x 1,200 dpi resolution and 9 m per minute at 1,200 x 1,200 dpi resolution.

- Easy installation and setup
- Powered by Ergosoft RIP technology
- Automatic Feeding and Stacking system
- Very high water and UV resistance prints





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-1300 printer is a high-speed, automatic digital corrugated-and folding-carton printer that provides vibrant color, water resistance, automatic feeding and unloading. Corrugated packaging is not just for outer-box shipping anymore. The "box-to-shelf" concept is being used worldwide to protect, promote and deliver products. The PKG-1300 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 50 mm thickness. The result? Quality packaging your brand demands. At a price your business requires.

DIGITALLY PRINTED BOXES MADE EASY

The PKG-1300 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-1300 provides:

- On-demand printing of folding cartons and boxes
- High quality of 1,200 x 1,200 dpi Ergosoft RIP technology
- Fast print speeds of 9, 18 and 27 m per minute
- Customized company branding
- Run lengths from one to thousands

STACKER

- Unique user-friendly printer interface
- Software dashboard to view printer operations and ink levels at a glance with ink consumptions per job level
- Water based pigment inks with high water resistance



KEY BENEFITS

PKG-1300

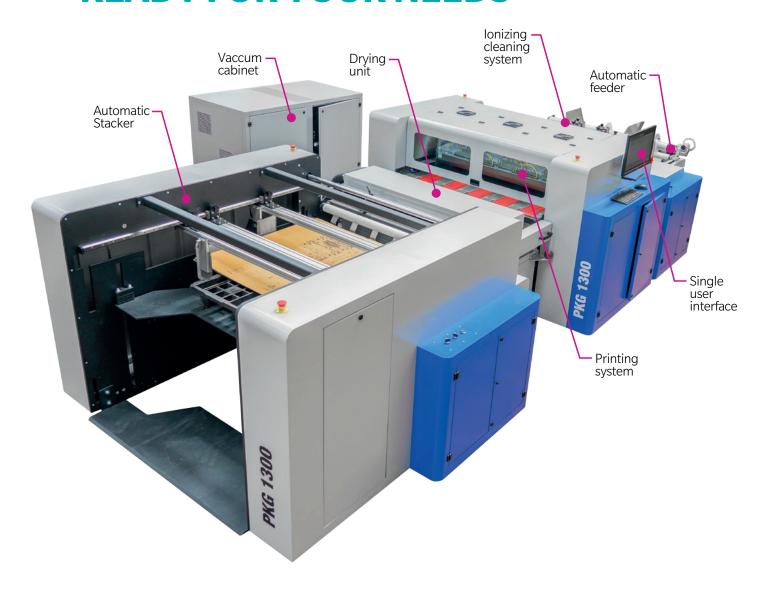
- User-friendly interface
- Prints with high water and UV resistance
- Automatic feeding
- Automatic stacker
- Industrial setup

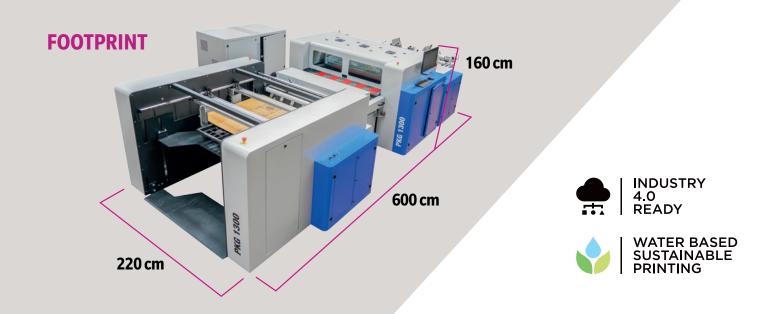




INDUSTRIAL SETUP

AN INDUSTRIAL PACKAGE – READY FOR YOUR NEEDS









PKG-1300

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Print head capping system for more efficient cleaning and greater protection in standby.



 $\label{eq:linear_problem} \mbox{High accuracy Z axis with a range between } \mbox{1mm and } 50\mbox{mm}.$



Adjustable feeding depending on material sizes and thickness. Vertical cardboard input control for efficient and fast feeding.



CE and UL certified electrical installation.



Proprietary MTEX NS electronics with complete control using 4.0 tools, Ethercat and SATA communication.



Dryer unit with independent controls for temperature and air-flow levels ensures perfect prints without stamping when immediately stacked.



Vacuum cabinet with noise suppression, keeping all components silent, protected and closed.



Industrial stacker with board size adjustment, safety sensurization, pallet feed, and full synchronization with the different print speeds.



Controlled ink supply for better printing, managing air intake and ink consumption in long, high-throughput printouts.



All cardboard feeding is controlled by crush weels, controlling thickness and avoiding material vibrations.



Vaccuum sectioned throughout the equipment for more efficient and controlled media transport.



Bulk feed for greater ink cost efficiency.



TECHNICAL SPECIFICATIONS

PKG-1300

Printer specifications	
Resolution	High resolution: 1,200 x 1,200 dpi
	Low resolution: 600 x 1,200 dpi or 300 x 1,200 dpi
Print Speed	High resolution: 9 m/min.
Print Speed	Low resolution: 18 m/min. or 27 m/min.
Ink	Pigment ink, 5 liter tanks
Power Consumption	Printer: 8,000 W, Web Cleaner: 5,500 W
	Single Power Plug for complete system: 400 V AC, 50 Hz, 3-phase, 32 A
Weight	1,200Kg

Feeder specification	ns
Media	Cardboard plates from 1mm to 50mm thick
Max. Feed size	1,300 mm wide x 1,600 mm long
Min. Feed size	300 mm wide x 400 mm long
Feed speed	Up to 27 m/min.
Max. Feed pile	400 mm
Power Consumption	Feeder: 3,500 W
	Circuit protection: RCCB 4P, 40 A, 300 mA, C, 10 kA (must be provided by the customer)
Weight	1,100 kg

Cardboard plates from 1 mm to 50 mm thick
1,300 mm wide x 1,600 mm long
Up to 27 m/min.
700 mm
Stacker: 3,500 W
Circuit protection: RCCB 4P, 40 A, 300 mA, C, 10 kA (must be provided by the customer)
6 bar, 50 l/min., 8 mm outside diameter
900 kg

Software	
Internet connection	24/7 requirement
Platform	PC/Windows-based
Controller	Ergosoft RIP
Interface	PC-based

Operating environment	
Operation	20°C − 30°C
Humidity	50 % – 70 % RH (non-condensing)