

KARTIOJET

Water-based ink Universal Digital Printer
multi-material Printing Solution





Specifications

Brand	ColorJet
Application	Water Absorbing Materials (Boards, Boxes, Bags etc.)
Printing Technology	Micro piezoelectric technology
Print Head Model	1320/2500
Print Head Width	329mm, 660mm, 990mm, 1320mm, 1650mm, 1980mm
Print Head Number	1, 2, 3, 4, 5, 6 (The more print heads, the wider it can print)
Convey Belt Width	800mm, 1300mm, 1600mm, 2000mm, 2500mm, 3000mm
Colors	C / M / Y / K
Ink	Water based dye ink or pigment ink
Printing Precision	1200 × 400 DPI / 1200 × 800 DPI / 1200 × 1600 DPI
Printing Mode	Sketch / HD / Ultra HD
Printing Speed	0-48 m/min / 0-24 m/min / 0-12 m/min (Adjustable)
Printing Height	0-30 cm (Customize)
Medium Distance	3-5 mm
Image Format	JPG, PDF, PSD, BMP, TIFF, GIF, TGA, etc
Working Power	3000W
Input Voltage	AC110-220V, 50/60Hz
Operating System	Windows 7 / Windows 10 / Windows 11
Language Interface	English, Spanish, Portuguese, Italian, French, Russian, etc
Control Mode	Standard industrial-grade tablet computer, touch screen

Level Sensors for Printing width	The print engine has a level sensor that automatically adjusts based on material thickness
Inks Consumption of printing	Inks consumption of each inks CMYK can be calculate from Software
Print counters	Print job can be count through Software as it done, machine will stop
Low ink volume alarm function	Installed low ink level alarm sensor, prompting to add ink
Automatic Ink station	Software control, automatic return of printing module to ink station, automatic cleaning and maintenance
Cleaning System	We have a cleaning system for clean printer head with system control
Strong Vacuum suction System	Conveyor belt have strong vacuum suction system free of compressor motor control
Auto Feeder	Optional at customer demand
Warranty CE report, LVD, MD, TestReport	24 months Yes



Features

1 Wide compatibility: full coverage of water-absorbent materials

The water-based ink digital printer designed for absorbent materials can easily cope with the printing needs of multiple scenarios.

Applicable materials include but are not limited to:

Packaging: kraft paper, special paper, corrugated cardboard, kraft paper bags, cartons, paper bowls, bagasse boxes, egg trays, hamburger boxes, pizza boxes, paper cups, stand-up bags, newspaper, wood.

Textiles and fabrics: cotton cloth, non-woven fabrics, sacks, linen, suede, insoles

One device can handle printing on multiple materials, no need to change printer for different materials,

2 Industrial-grade print head, double guarantee of precision and durability

Equipped with Epson A3+ industrial-grade print head with micro-piezoelectric printing technology, it not only has a printing accuracy of up to 1600DPI and delicately restores pattern details and color levels; it has also been tested for industrial environment adaptation and has strong durability. It can maintain stable output even in long-term high-frequency operation, reducing replacement costs.

3 High-speed operation, maximum efficiency

Supporting 0-40m/min speed regulation, it can easily handle both small batch customization and large batch production to ensure delivery cycle.

4 Ink Station System: Automatic Maintenance Manager for Digital Printers

Single Pass Digital printers are equipped with the 'Ink Station' system, which enables fully automatic maintenance and cleaning of the printhead. For users, the existence of the ink station not only reduces the frequency of manual maintenance and technical threshold, but also can continue to protect the stable working condition of the print head.

5 Stable operation to ensure printing results

Adopting high-precision servo motors, it runs smoothly without jitter to ensure accurate printing position; the circulating ink supply system supplies ink continuously and stably to avoid problems such as ink breakage and colour difference, and guarantees long-time operation without interruption.

6 Simple operation, quick to get started

Use PS or other image processing software to design the image, adjust the RIP software to generate the PRN file, and then import it into the control software to print directly. Equipped with RobotJet dedicated control software, the interface is intuitive and the logic is clear, so you can quickly master the operation process without professional technical background. With intelligent color management RIP software, it automatically optimizes color matching, so that novices can also produce professional-level effects and reduce personnel training costs.

7 Fully automated process, reducing labor cost

The fully automatic paging machine's material delivery + material collection design eliminates the need for manual placement of materials one by one, greatly reducing manpower input; combined with its large-capacity carrying capacity, continuous operation does not require frequent refilling, making production smoother.

Applications



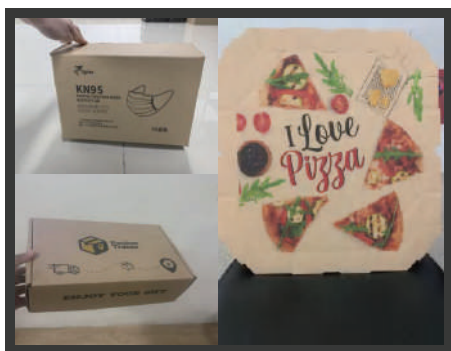
Carton



Carton



Corrugated cardboard
& Pizza box



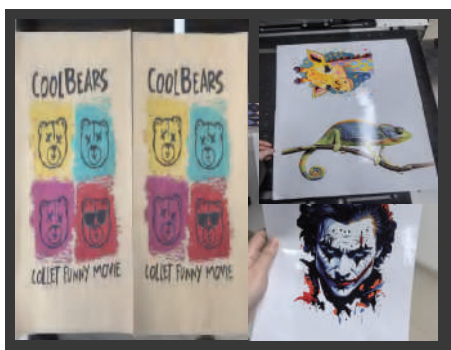
Carton & Box



Bagasse Plate



Lunch box & Tableware



Kraft paper



Package bags



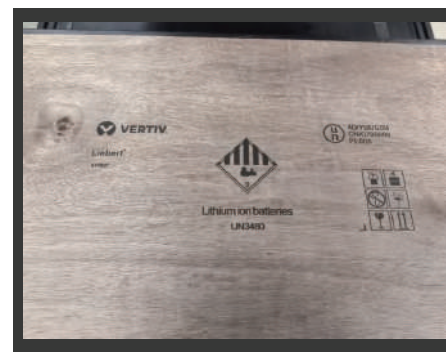
Paper cup sheets



Paper pouches



sacks, linen, suede



Wood

COLORJET DELIVERS IMPECCABLE PRINT RESULTS & FLAWLESS SERVICE ACROSS THE WORLD



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