

WONDER INNO WD200

Industrial Digital Printer



WD200+

Resolution
≥600*200dpi
Efficiency
600*200dpi, 1.8m/s
600*300dpi, 1.2m/s
600*600dpi, 0.65m/s

WD200++

Resolution
≥1200*150dpi
Efficiency
1200*150dpi, 2.5m/s
1200*300dpi, 1.6m/s
1200*600dpi, 1.0m/s

WD200S

Resolution
≥1200*200dpi
Efficiency
1200*200dpi, 2.5m/s
1200*300dpi, 1.6m/s
1200*600dpi, 1.0m/s

WD200J

Resolution
≥360*200dpi
Efficiency
CMYK:
360*200dpi, 1.75m/s
360*450dpi, 1.15m/s
360*600dpi, 0.88m/s
CMYK+2W:
360*200dpi, 1.75m/s
360*450dpi, 1.15m/s
360*600dpi, 0.88m/s

Printing configuration

Printing width
800mm-2500mm (can be customized)
Ink type
Special water-based dye ink, special water-based pigment ink
Ink color
Cyan, Magenta, Yellow, Black
Ink supply
Automatic ink supply
Operation system
Professional RIP system, professional printing system Win10/11 system with 64 bit operating system or above
Input format
JPG, JPEG, PDF, DXF, EPS, TIF, TIFF, BMP, AI, etc.

Printing material

Application
All kinds of corrugated cardboard (yellow and white cattle board, honeycomb board, etc.), available to print semi-coated board with dryer
Max width
2500mm
Min width
400mm
Max length
2400mm under auto feeding, 4500mm under manual feeding
Min length
420mm
Thickness
1.2mm - 20mm
Feeding system
Automatic leading edge feeding, suction platform

Working environment

Workplace Requirements
Install compartment
Temperature
20°C-25°C
Humidity
50%-70%
Power supply
AC380±10%, 50-60HZ
Air supply
6kg-8kg
Power
About 22-24kw

Others

Machine size
5976mm*7500mm*2451mm (Please refer to the actual order)
Machine weight
9000KGS
Optional
Variable data, ERP docking port
Voltage stabilizer
The voltage stabilizer needs to be self-configured, request 80KW



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Wechat official account



Tik Tok: WonderJet



Wechat Channel

WONDER INNO WD200

Single pass Industrial High Speed Digital Printer



Environmental friendly



custom packaging



High efficiency



Bulk orders available



print on demand

WONDER | Professional Manufacturer of Digital Printer

WONDER INNO WD200

Single Pass Industrial Digital Printer



As the flagship product of WONDER, equipped with industrial inkjet printheads, this machine delivers high precision, exceptional print quality, and ultra-fast speeds. It features a standard printing resolution of 1200 npi (customizable to 1800 npi) and a maximum printing speed of 2.5 m/s, with an actual production capacity ranging from 4,500 to 13,000 sheets per hour. Its performance rivals that of traditional high-definition water-based ink printing.

Industrial-Grade High-Precision Printheads:
Users can achieve high-speed printing, precise alignment, and high-quality images with ease.

Professional Software Integration:
Enables ERP connectivity, multi-task queue printing, and accurate variable data generation.

Seamless Inline Production:
Achieves an ultra-high uptime rate, far surpassing traditional printing machines.

FEATURES



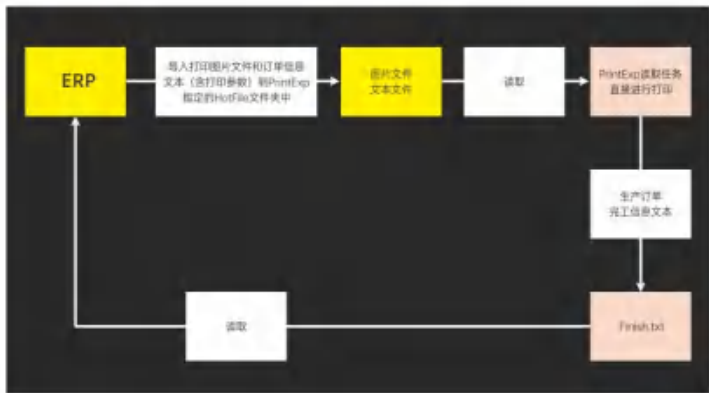
VARIABLE DATA PRINTING
Supports text, barcodes, QR codes, and variable package codes.



QUEUE PRINTING
Multiple job orders can be uploaded with one click, allowing uninterrupted continuous printing.



INK CONSUMPTION STATISTICS
Real-time monitoring via software, making cost calculation effortless.



ERP INTEGRATION
Enhances intelligent production management for carton factories.

NON-STOP STACKING UNIT

High Automation: Automatically completes board feeding, or-ganizing, and stacking without manual intervention.

Time and Cost Saving: No need to stop production for material changeovers, reducing production cycles and labor costs.

Versatile Compatibility: Supports various corrugated board types (e.g., kraft, coated, and honeycomb boards) with adjust-able settings.

Flexible Stacking Sizes: Adjustable baffles allow customization for different board specifications.

Machine Dimensions: 7800mm x 3700mm x 2780mm
Machine Weight: 4000 KGS

HIGH-SPEED SLOTTING UNIT

Auto-Adjustable Roller Height: supports furniture cartons without height limitations.

Dual-Axis Servo Slotting Mechanism: Ensures strong adaptability for carton forming.

Quick Job Change: Switches within 2 minutes, whether standalone or inline.

Max Slotting Speed: 120 sheets/min, with a line speed of 2.0 meters per second

Slotting Thickness: 1.5mm-10mm (corrugated board)

Minimum Slot Distance: 55mm

Customizable Slot Depth: 350mm-500mm

Fully Automatic Knife Adjustment: Positioning accuracy within 0.5mm

Maximum Height: Unlimited
Machine Dimensions: 5660mm x 2000mm x 1980mm
Machine Weight: 7500 KG

MULTI-PROCESS MODULES

INFRARED DRYING UNIT

Infrared Heating Technology: Designed to dry digitally printed boards, especially coated paper.

Adjustable Temperature Range: 50°C-200°C, with a power range of 19-38KW per unit.

Energy-Saving Design: The infrared lamps align with the board's feeding direction and can be adjusted according to board size to reduce energy consumption.

Unit Dimensions: 2960mm x 2230mm x 1450mm
Unit Weight: Approx. 1500 KG

HIGH-SPEED PRINTING UNIT

Revolutionary Precision:
1200 npi physical baseline resolution, ensuring impeccable details.

Extreme Productivity:
150 meters per minute, leading the industry in efficiency.

VARNISH COATING UNIT

Enhances Packaging Quality: Provides waterproofing and gloss enhancement.

Seamless Inline Operation: Supports full-speed inline production with wide format, high-speed compatibility.

Intelligent Coating Circulation: Automatically adjusts varnish concentration as needed.

Specifications:

Coating Roller Height: Auto-adjustable	Coating Efficiency: 2.2 meters per second
Printing Width: Up to 2500mm x 2000mm	Material Thickness: 1.2mm-28mm
Machine Size: 1700mm x 4800mm x 1900mm	Machine Weight: 3000 KGS

AUTOMATIC DIE-CUTTING UNIT

Processes printed boards through rotary cutting and die-pressing, completing creasing, edge trimming, slotting, corner cutting, and perforating.

Fully Automatic Positioning: Maximum precision within 1mm

Auto-Adjustable Die-Cutting Height

Roller Diameter: 550mm

Standalone Die-Cutting Speed: Up to 50 sheets/min, line speed of 1.9 meters per second

Inline Die-Cutting Speed: Up to 40 sheets/min, line speed of 1.6 meters per second

Die-Cutting Thickness: 1mm-5mm (corrugated board)

Inline Feeding Thickness: 1mm-16mm

Energy Consumption: Low power consumption, averaging 15KW

Machine Dimensions: 5200mm x 1850mm x 1930mm
Machine Weight: 6500 KGS