WONDER INNO WD200S

Industrial Digital Printer

WD200S

Resolution
≥1200*200dpi

Efficiency
1200*200dpi，2.5m/s
1200*300dpi，1.6m/s
1200*600dpi，1.0m/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,Light magenta Light cyan

Ink supply
Automatic ink supply

Operation system
Professional RIP system,professional printing systemWin10/11 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
1.5mm - 10mm(materials below 2 mm must have a certain degree of hardness)

Feeding system
Automatic leading edge feeding, suction platform

Working environment

Workplace Requirements
Install compartment

Temperature
20℃-25℃

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



Shenzhen Wonder Digital Technology Co.,Ltd
101,No. 7 Fengshun Road,Baolong Street,Longgang District,Shenzhen,China
Tel : 0755-28703212
Fax : 0755-89386011
Web : www.wonderjet.net

Wechat official account　Tik Top: WonderJet　Wechat Channel



WONDER INNO WD200S

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 WD200S

Single Pass Industrial Digital Printer



As the flagshipproduct 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 2.5m/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.



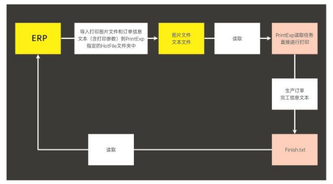
QUEUE PRINTING

Multiple job orders can be uploaded with oneclick, 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.

MULTI-PROCESS MODULES

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: 65mm
- Customizable Slot Depth: 350mm - 500mm
- Fully Automatic Knife Adjustment: Positioning accuracy within 0.5mm
- Maximum Height: Unlimited
- Machine Dimensions: 5660mm × 2000mm × 1980mm
- Machine Weight: 7500 KG

NON-STOP STACKING UNIT

High Automation: Automatically completes board feeding, organizing, 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 adjustable settings.

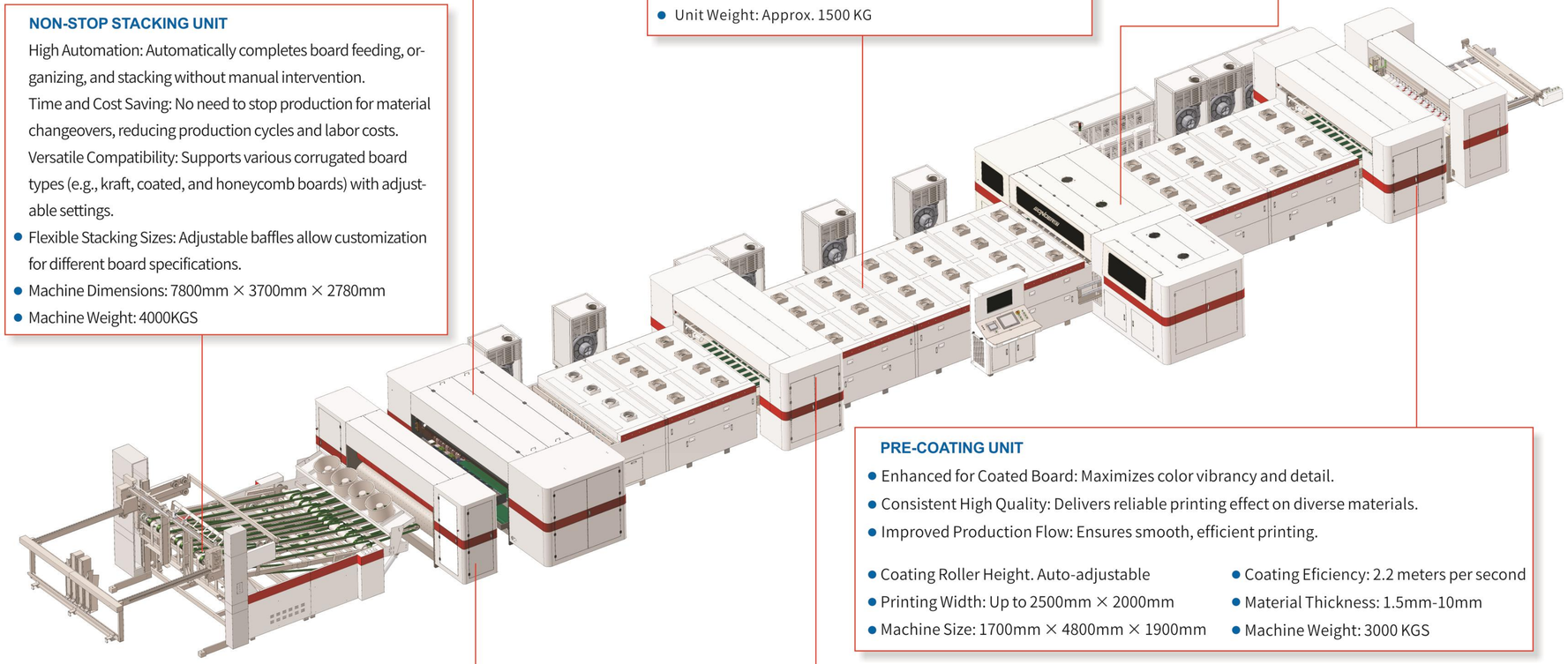
- Flexible Stacking Sizes: Adjustable baffles allow customization for different board specifications.
- Machine Dimensions: 7800mm × 3700mm × 2780mm
- Machine Weight: 4000KGS

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 perunit.
- 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 × 2230mm × 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.



PRE-COATING UNIT

- Enhanced for Coated Board: Maximizes color vibrancy and detail.
- Consistent High Quality: Delivers reliable printing effect on diverse materials.
- Improved Production Flow: Ensures smooth, efficient printing.

- Coating Roller Height. Auto-adjustable
- Coating Eficiency: 2.2 meters per second
- Printing Width: Up to 2500mm × 2000mm
- Material Thickness: 1.5mm-10mm
- Machine Size: 1700mm × 4800mm × 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:1.5mm - 10mm
- Energy Consumption: Low power consumption, averaging 15KW
- Machine Dimensions: 5200mm × 1850mm × 1930mm
- Machine Weight: 6500 KGS

VARNISH COATING UNIT

- Enhances Packaging Quality: Provides waterproofing and gloss enhancement.
- Seamless Inline Operation: Supports full-speed inline production with wide-fomat, high-speed compatibility.
- Inteligent Coating Circulation: Automatically adjusts vamish concentration as needed.

Specifications:

- Coating Roller Height: Auto-adjustable
- Coating Eficiency: 2.2 meters per second
- Printing Width: Up to 2500mm × 2000mm
- Material Thickness: 1.5mm - 10mm
- Machine Size: 1700mm × 4800mm × 1900mm
- Machine Weight: 3000 KGS