



DxonJet VPJet4.0 Vertical UV Wall Printer

REDEFINED LED UV Vertical Wall Printer-
Stability, Reliable, Robust Yet Professional

CMYK+WW Ink System

Up to 720*1440 dpi

**Instant ink drying
within milliseconds**

Portable Printer

Wireless Control System

Flexible Extensions

Wheel+Rails Driving System

**Rich Functional and
User-friendly Software**

Automatic maintenance

2.5D-3D Embossed Printing

Applications



Brick



Plaster Wall



Wall Paper



Cardboard



Tiles



Blinds

By balancing technology and creativity, we create high-quality printing results.

A versatile and user-friendly vertical printer Possessing high precision and accuracy, it is capable of covering any material: plaster, wood, leather, plastic, acrylic, stainless steel, glass, and more

Capable of adapting to various application scenarios. From home wall decorations to office wall decorations, and even outdoor wall graffiti, creative roller blind spray painting, and direct printing on glass doors and windows, the limitations of these applications only exist in your imagination.

Sharp and vivid color quality Professional color control software and multiple printing effects make it possible to reproduce the original colors of any image. We have even added Braille tactile printing and 2.5D-3D raised printing effects to the software.

Stable hardware and powerful software. Good design, meticulous manufacturing, precise assembly processes, and simple software that is easy to operate.

Simple and Intelligent Easy to assemble with good design, picture preview, time and ink consumption statistics with DXon-Jet Command System

Safe System With protective casing covering all key components, Optimizing the security of electronic circuit systems, Customize the maximum printing height protection limit and UV lamp temperature control energy-saving system

Easy maintenance and support with a specially designed control panel, and Built-in auto-maintenance program for holidays



Technical Data Sheet

| Model | VPJet4.0 |
|-----------------------------------|---|
| Printing Technology | Piezoelectric DOD (Drop On Demand) Inkjet Technology |
| Nozzle Resolution | Up to 1440dpi |
| Number of printhead | One, with CMYKWW 6 channels |
| Ink Type | LED UV Curable Ink, 395nm Curable |
| Printhead Manufacturer | Epson piezo electric printhead. Made in Japan |
| Operating Temperature Range | 40 °C |
| Temperature Control | Integrated thermistor |
| Viscosity | 7mPa·s |
| Surface Tension | 27 ± 5mN/m |
| Ink Drop Control | Waveform fully control each nozzle to eject ink droplet |
| Image Width | Unlimited |
| Image Height | Max. 350cm |
| Correction of wall uneveness | Up to 10cm |
| Wall Distance Control | Two Banner ultrasonic sensors automatically detect the shape of the wall. |
| Ink Curing System | Two UV LED curing lamp with air cooling system |
| Curing Output Power | Up to 4w/cm2, adjustable |
| Curing Control | On demand, automatically turn on or off |
| GUI Software | DXonJet OS |
| RIP Software | FlexiPrint, MainTop, support Spot print |
| RIP Software Language | English, Portuguese, French, Italian, German, Spanish, Chinese, Japanese, Korean, Dutch, Danish, Finnish, Russian |
| Power Requirements | 100-240V AC, 50-60Hz |
| Power Consumption | Max. 350W Standby: 150W |
| Operator Control | Inbuit 13.3 inchtouch screen computer,8G ROM, 256 SSD, USB3.0 |
| Operator Control Language | English, Spanish, German, Italian, French, Russian, Dutch, Hindi, Portuguese |
| Printdirection | Bidirectional, Unidirectional |
| Horizontal Driving System(X-axis) | Wheel Driving, Track Driving, Program fully control |
| Vertical Driving system(Y-axis) | Belt gear driving system, Program fully control |
| Printhead Driving system(Z-axis) | Motor Driving system, Program fully control |
| Ink Tank Capacity | 180 ml for CMYK color, 360ml for White color |
| Decibels of Noise | Operation: approx. 60 dB |
| Recommend Opreating Temperature | 15 °C to 40 °C |
| Humidity | Under 90% |
| Ink Color | Cyan, Magenta, Yellow, Black, White |
| Horizontal Printing Resolution | 1440dpi |
| Vertical Printing Resolution | 720dpi |
| Printing speed | Up to 3 m2/hour |
| Muti-Pass Printing | 4,6,8,12 and 16 pass |
| Origin | China |
| Certification | CE/RoHS |
| Warranty | 1 year warranty and 1 more year warranty optional |



Ordering Information

Printer: DxonJet VPJet4.0 UV Vertical Printer

Goods No.: VPJet4.0

Ink Information: Nazdar 270 series LED UV Curable Ink

INK-VP40-001 Cyan UV LED Ink, 1,000ml

INK-VP40-002 Matenta UV LED Ink, 1,000ml

INK-VP40-003 Yellow UV LED Ink, 1,000ml

INK-VP40-004 Black UV LED Ink, 1,000ml

INK-VP50-005 White UV LED Ink, 1,000ml

Cleaning Agent

CA-VP40-001 Cleaning agent for LED UV inks, 1,000ml

Premier Coating

PC-VP40-001 Premier coating agent for UV LED inks, 1,000ml

"We build machines that print; We are not in the business of manufacturing spare parts."



Core Technology Highlight

1

Ink System Optimization

Automatic ink flow, manual, and auto ink cleaning, and maintenance

Accurate ink consumption display

Low ink level alarm system

2

Advanced LED UV Curing Technology

Double UV lamps to enhance curing effects

Durable, reliable, and silent working process with temperature controlling system

Over 10,000 hours guaranteed lifespan

Flexible power adjustment on demand

3

Printing Accuracy and Eco

Double sensors maintain the print head unit a constant distance to the wall in real-time

Precisely assembled structures provide essential stability during printing process

Precision-machined vertical rails offer flexible extension and gapless splicing space

Four wheel-driving system provides essential accurate steps value

Easy to adjust on level by horizontal rails driving system

Quality motors offer powerful, reliable, and accurate values

Maintenance kit with all electronics in one box

4

Production Efficiency

Intelligent Production efficiency workflow

Print job preview and time estimation

Ink consumption display in real-time

Print Braille signs and 2.5D images in one click

Multiple printing speeds are available according to different works

5

Safety and Control

Intelligent waveforms offer different ink droplets shooting power

Automatic obstacle recognition by double sensors

Maximum height limited protection

Optimized the electronic circuit to prevent reverse current breakdown.

Remotely control system for troubleshooting

Wireless control system by tablets or any PC with Windows OS



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EPSON

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BANNER®



**Elevate Your Walls with Our
Printing Technology**

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