



WALLJET

UV Wall Printing System

Industrial-grade direct-to-wall UV printing.
Unlimited width. Instant cure. Anysurface.

5m Print Height
Scalable to any wall size

UP TO 2400 DPI
Razor-sharp, vibrant output

UV LED CURING
Ink bonds instantly — zero drying time

EPSON I3200-U1
Industrial-Grade
Printhead (Japan)



★ WALLJET — Key Features

Engineering precision for professionals who demand scale without compromise.

FLEXIBLE PRINT WIDTH

Y-axis belt defaults to 3.1 m, scales 1–5 m on request.
Your machine adapts to your space — boutique studio or industrial hall alike.

SINGLE-CABLE PRINthead LINK

One cable from control box to printhead board.
Eliminates harness clutter, reduces carriage wear, simplifies every service call.

AVIATION FLIGHT CASE

Ships in a purpose-built rugged flight case.
Trade show, relocation, or client-site install — the machine arrives intact, every time.

ULTRASONIC SURFACE TRACKING

Banner Technology sensors read the wall in real time. Auto-adjusts printhead height across uneven surfaces — zero crashes, uniform quality.

AUTOMATED INK MANAGEMENT

Continuous stirring prevents pigment settling.
Real-time low-ink alarm triggers before a run is compromised. Consistent colour, every job.

BUILT-IN INDUSTRIAL COMPUTER

No external PC. Dedicated industrial-grade computer handles large files natively. High-speed USB and Gigabit LAN for instant data transfer.

HYBRID MOVEMENT SYSTEM

Wheel mode for free repositioning. Rail mode for locked, micron-accurate industrial runs. Two precision systems — one machine.

EPSON I3200-UI + UV LED

Japanese-engineered piezo printhead up to 2400 DPI.
UV LED curing lamps bond ink permanently on contact — zero drying time.

LASER POSITIONING

Japanese-engineered piezo printhead up to 2400 DPI.
UV LED curing lamps bond ink permanently on contact — zero drying time.

PRINT LOG & JOB TRACKING

Every job recorded — timestamp, duration, ink use, settings. Audit production, calculate cost-per-print, recall repeat job parameters instantly.

★ WALLJET — Applications

Engineering precision for professionals who demand scale without compromise.



Interior Murals

Hotels, restaurants, retail and homes. Direct onto plaster, drywall, concrete and painted surfaces — wallpaper installation costs eliminated



Retail & Brand

Transform bare shells into fully branded show apartments. Lifestyle murals, texture finishes, development branding on new-build surfaces.



Office & Corporate

Reception feature walls, meeting room graphics, directional signage. Integrates cleanly into commercial fit-out on any smooth surface.



Hospitality & Events

Conference venues, exhibition halls, pop-ups. Large-format impact on tight schedules. Event-ready graphics in hours, not days.



Real Estate

Transform bare shells into fully branded show apartments. Lifestyle murals, texture finishes, development branding on new-build surfaces.



Industrial & Safety

Factory floor graphics, safety markings, zone ID, wayfinding. UV-cured output withstands heavy traffic without protective lamination.

★ Technical Specifications

Product Model	WallJet
Print Head Model	EPSON I3200-U1 Made in Japan
Inkjet Method	Drop-on-demand (DOD)
Nozzle Resolution	720×600DPI, 720×1200DPI, 720×1800DPI, 720×2400DPI
Number of Print Head	1 (Can be customized to customer needs with two printer heads)
Ink Type	UV INK
Ink Color	CMYKW (Varnish function can be customized)
Ideal Operating Temperature Range	5°C–35°C
Image Width	Unlimited (can print as wall be length)
Image Height	Default height 2700mm, customizable up to 5000mm
Surface Tracking	Ultrasonic sensors from Banner Technology to detect and adjust
Ink Curing System	UV LED curing lamps with air cooling system and sensor control
RIP Software	MainTop or FlexiPrint
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	Maximum power 350W, static power 100W
Operator Control Language	English, Spanish, German, Italian, French, Russian, Dutch, Hindi, Portuguese, etc
Print Direction	Bidirectional, Unidirectional
Horizontal Driving System (X-axis)	Build in wheel and rail working as conditional use
Ink Tank Capacity	CMYKW, 260ML for each color with ink alarm and stirring system
Printing Speed	4–8 sqm/h as per resolution
System Platform	WIN10, WIN11, MainTop/Flexiprint, HKHR Control Software
Transmit Data	Gigabit network
Laser Positioning	Printing at any designated location with large image stitching
Image Blank-skip Technology	Saves printing time for images with blank spaces
Mode of Transport	Flight case
Print Log	Check printing history
Unique Features	Auto-cleaning and vacation mode maintenance
After-sales Support Language	English, French, Polish, Russian and others
Machine Weight	100KG
Machine Color	Default black, customizable colors available
Features	Customizable according to customer requirements
Origin	China
Customized Aviation Crates	Yes
Documentation	Patent, CE, LVD, MD, Test reports as EU standards