DIRECT JET
UV-44DTS

MEDIUM-FORMAT FLATBED UV LED

CREATIVE APPLICATIONS
- ADA and TEXTUR3D software
- 12" (30cm) print height
- 10.2 Lbs Sq Ft / 4.6Kg Sq M substrate weight
- ADA/Braille, home decor, promotional products, wood, metal and more

➔ Next Level Industrial Printer

The all-new UV-44DTS Industrial UV LED flatbed printer was designed with improved performance and capabilities. A full 48" by 48" (130 by 130cm) industrial flatbed built to meet the needs of the medium format market. The UV-44DTS has the best-in-class substrate thickness range, printing on up to 12" (30cm) thick materials.

➔ Optimized Performance

Utilizing Ricoh Gen 6 printheads, the printer is equipped for optimized speed and quality.

4-color printing combined with clear and white allows the UV-44DTS the widest range of application flexibility.

Create fast and economical ADA-compliant Braille signage using DCS patented UV printing process.

PRECISION PRINT
- Specially formulated UV LED inks set
- Multiple vacuum zones
- Easy-to-adjust leveling
- Precision Y-Axis accuracy

PRODUCTIVITY
- Ricoh Gen 6 industrial printheads
- Crash detect head protection system
- Direct pour ink system
- Precision dot placement

➔ Advanced New Features
- Automated shut-off sub-tank solenoids
- Independent meniscus controls for white & CMYK Inks
- Individual ink purge process
- Circulation system for optimal white ink performance

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Direct Color Systems

SPECIFICATIONS

REQUIREMENT	SPECIFICATIONS
Print Heads	4 Ricoh Gen 6 Printheads, On-Demand Piezo Inkjet, Variable Drop Greyscale
Resolution	605x300dpi / 605x600dpi / 605x900dpi / 605x1200dpi / 605x2400dpi
Ink Sets	4 Color Printing, White & Clear, Direct Pour Ink Tanks, Individual Sub Tanks, Auto ON/Off
Printer Size	10.4' x 11.3' x 6.31' / 3.14m x 3.4m x 1.9m
Vacuum Table	4 Adjustable Independant Vacuum Zones for Maximum Substrate Hold-down
Printer Weight	1676lbs / 760kg - Crated Weight 2205lbs /1000kg
Warranty	1 Year Limited Warranty
RIP	Color Byte 11 with Compass Feature and Printer Control Software
Power Requirements	(2) 220-240VAC 50/60HZ 20A Max Single Phase Circuits
Environmental	68°F - 86°F / 20°C - 30°C - 68°F to 78°F/20°C to 25.5°C Optimal

PRINT SPEEDS

Color	Print Modes 20 ft² - 80 ft²/Hr (1.9 - 7.4 m²/Hr) Full bed - 18 Minutes at 1200dpi - 48"x 48" (130cm x 130cm)
Color & White	Print Modes 20 ft² - 80 ft²/Hr (1.9 - 7.4 m²/Hr) Full bed - 18 Minutes at 1200dpi - 48"x 48" (130cm x 130cm)
Textured	Full Bed Textured - 2400dpi - 48"x 48" (130cm x 130cm) - 64 Minutes
ADA/Braille	Full Bed ADA - 2400dpi - 48" x 48" (130cm x 130cm) - 86 Minutes

1. Substrate dependent. 2. Bidirectional; Print times may vary dependant on print mode configuration. 3. All substrates and textiles/fabrics should be tested for image receptivity, adhesion and durability with final acceptance and suitability determined by the customer. 4. Some materials may require the use of an adhesion promoter or a chemical wipe prior to printing to promote adhesion. This data sheet is for informational purposes only. Direct Color Systems makes no warranties, expressed or implied in this summary. Specifications are subject to change without notice. This is not an offer for sale. Compliant with patents: directcolorsystems.com/patents.

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