

UV-84DTS GEN2

LARGE-FORMAT FLATBED UV LED



→ Next Level Industrial Printer

The all-new UV-84DTS Gen2 Industrial UV LED flatbed printer was designed with improved performance and capabilities. A full 2500mm x 1300mm (96"x48") industrial flatbed built to meet the needs of the large format market. The UV-84 DTS Gen2 has best-in-class substrate thickness range, printing on up to 30cm (12") 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-84 DTS Gen2 the widest range of application flexibility.

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

→ Advanced New Features

- High precision magnetic encoder
- Automated shut-off sub-tank solenoids
- Independent meniscus controls for white & CMYK Inks
- Individual ink purge process
- Circulation system for optimal white ink performance



CREATIVE APPLICATIONS

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



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

Contact DCS

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UV-84DTS GEN2

SPECIFICATIONS

| REQUIREMENT | SPECIFICATIONS |
|--------------------|-------------------------------------------------------------------------------------------|
| Print Heads | 5 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 | 3200mm Wide x 4700mm Long x 1900mm High / 125" Wide x 184" Long x 76" High |
| Vacuum Table | 4 Adjustable Independant Vacuum Zones for Maximum Substrate Hold-down |
| Printer Weight | 1480kg / 3263lbs - Crated Weight 1700kg / 3748lbs |
| 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 | 20°C - 30°C / 68°F - 86°F - 20°C to 25.5°C / 68°F to 78°F Optimal |

PRINT SPEEDS

| | |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color | Print Modes 3.0 - 12.0 m ² /Hr (32 ft ² - 128 ft ² /Hr) Full bed - 10 Minutes at 1200dpi - 2500mm x 1300mm (96"x 48") |
| Color & White | Print Modes 3.0 - 12.0m ² /Hr (32 ft ² - 128 ft ² /Hr) Full bed - 10 Minutes at 1200dpi - 2500mm x 1300mm (96"x 48") |
| Textured | Full Bed Textured - 2400dpi - 2500mm x 1300mm (96"x 48") - 48 Minutes |
| ADA/Braille | Full Bed ADA - 2400dpi - 2500mm x 1300mm (96" x 48") - 65 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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