

Direct Color Systems®

7200z

UV LED Flatbed Inkjet Printers

A TRUE PRODUCTION CENTER

FEATURING:

- » PALLET SHUTTLE SYSTEM
- » EASYCYL 7200 – CYLINDRICAL PRINTING
- » EASYROLL 7200 – ROLL TO ROLL OPTION
- » PATENT PENDING ADA-COMPLIANT/BRAILLE SIGNAGE PRINTING

WITH
TEXTURED™
ON BOARD

BEST IN CLASS AUTOMATION & THROUGHPUT

- Max print speeds up to 29.7m²/hr // 320 ft²/hr
- Automated and continuous printing available with the Pallet Shuttle System
- Vacuum table option available
- Automated URL design, eCommerce, & download to RIP option
- Two individually controlled, air-cooled, UV LED lamps and 10 ink channels (C, M, Y, K, Cl, Cl, Wh, Wh, Wh, Wh) combine to enhance print speed
- Mobile touch screen pendants allow users to operate printer from multiple points

THE MOST VERSATILE PRINTER AVAILABLE

- TEXTUR3D™ 3-dimensional prints for a unique look and feel, plus standard flat prints
- Patent pending ADA-compliant/Braille signage option*
- Cylindrical & conical** object printing made easy with the EasyCyl 7200 attachment
- Roll-to-roll printing available with the EasyRoll 7200 attachment
- Printable area: up to 600mm x 1,200mm // 23.8" x 48.0"
- Models vary with fully adjustable heights to accommodate substrates from 0 to 15cm // 0 to 6" (7200z15) and 0 to 30cm // 0 to 12" (7200z30)
- Print on wood, metals, ceramic tiles, plastics, glass, industrial parts, promotional products and so much more!⁴

THE BEST IN UV PRINTER TECHNOLOGY

- Industry leading Y-axis absolute positioning accuracy and repeatability of $\pm 0.038\text{mm}$ // $\pm 0.0015"$
- Precision Dot Control™ provides industry leading print quality
- White Ink Circulation System – Programmable and automatic circulation of the entire white ink tank and lines
- Bulk Ink System™ – This system allows for 100% utilization of available ink, unlike single-use cartridges
- Made in the USA – distributed globally

Direct Color Systems®

Leading Manufacturer of Direct-to-Substrate Small-Format Printers

* Not available on F4 editions

** Limitations apply with conical printing



Included RIP 10 software integrates seamlessly with industry-standard design programs (Photoshop®, Illustrator®, Color Byte, CoreIDRAW®)

www.DirectColorSystems.com



Calibrated for
**Multisolve™
Inks**

Direct Color Systems
**easyCyl
7200
Compatible**

- Available in standard IR2 or F4 editions
- Automation for enhanced throughput
- Economical head replacement cost
- Adjustable power output for both UV LED lamps



Shown with optional Pallet Shuttle System

Direct Jet 7200z UV LED Printer Specifications

Imaging Process	On-demand inkjet (Micro Piezo) 10-channel print head with 360 nozzles/inch/channel
Resolutions ¹	Draft: 360x360 / Text & Graphics: 360x720, 720x360 / Production: 720x720, 720x1440 / Quality: 1080x1440, 1440x1440, 2880x1440, 2880x2880
Ink Droplet Size (Minimum / Maximum)	3.5 picoliters / 21.8 picoliter
Ink Colors	C, M, Y, K, Cl, Cl, Wh, Wh, Wh, Wh (Cl = Clear, Wh = White)
Bulk Ink System™	User refillable 300ml tanks
Print Speed ²	29.7m ² /hr // 320 ft ² /hr - Draft Mode (360x360 Bi) 19m ² /hr // 205 ft ² /hr - Text & Graphics Mode (360x720 Bi)
Y-Axis Absolute Positioning Accuracy & Repeatability	±0.038mm // ±0.0015"
Print Direction	Uni- and bi-directional
Maximum Printable Area	600mm x 1,200mm // 23.80" x 48"
Maximum Substrate Size	660mm x 1,270mm // 26.00" x 50.00" Larger substrates may be printed as the printer is open on 3 sides of the table. All substrates should be tested.
Maximum Substrate Weight	113 kg // 250 lbs.
Z-Axis (Depth/Thickness Control)	7200z15: Fully adjustable from 0cm to 15cm // 0" to 6" 7200z30: Fully adjustable from 0cm to 30cm // 0" to 12"
Media	Prints to a variety of substrates ⁴ using the DCS Multisolve LED UV IR2 or IRF4 ink, incl. (but not limited to) plastic, glass, wood, ceramic, metal, etc. ⁵
Control Panel	89mm // 3.5" Detachable pendant LCD touch screen display
Interface	Hi-speed USB 2.0
UV Curing System	Two individually controlled, air-cooled, UV LED lamps
Windows Operating System	Windows 7 (32 & 64 bit), Windows 8 (32 & 64 bit), or Windows 10 (32 & 64 bit)
System Minimum Requirements	CPU of >3GHz, 8GB RAM, 100 GB free hard disk space and 4 available USB ports
Power Source	100-240 VAC, 50-60 Hz., 20A auto switching
Operating Temperature	10°C to 29°C // 50°F to 85°F
Humidity	Non-condensing 20%-80%
Optional Accessories	EasyCyl 7200; EasyRoll 7200 Vacuum Table; Patent pending ADA/Braille signage module Pallet Shuttle System; Automated URL design, eCommerce, & download to RIP
Weight	Approx. 635kg // 1,400lbs.
Dimensions	Depth 2,337mm // 92" x Height 1626mm // 64" x Width 1,575mm // 62"
Warranty	Printer 1-year limited warranty
RIP	Color Byte RIP 10 software allows input from Photoshop®/Illustrator®, CorelDRAW® and Color Byte
Ink and Media	Available through Direct Color Systems and authorized dealers/distributors

¹ Substrate dependent. ² Print times may vary dependent on computer configuration. ³ 24.00" can be achieved under certain circumstances. ⁴ All substrates should be tested for image receptivity, adhesion and durability, with final acceptance and suitability determined by the customer. ⁵ 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.

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