

DuPont™ Cromaprint® 22UVse

DIGITAL PRINTING SYSTEM

DuPont Imaging Technologies

DuPont™ Cromaprint® UV digital printing systems enable you to produce colour any way you want it for a wide variety of graphics, signage and specialty print applications. Each Cromaprint® UV wide format inkjet system delivers superior colour printed directly to rigid or flexible substrates, without expensive pre-coating.


The DuPont™ Cromaprint® 22UVse (speed enhanced) digital printing system is a fully integrated print production solution, including: an industrial strength printer, feed and receiving tables for rigid media, roll-to-roll auto take-up, network-able print server hardware, the DuPont™ Cromanet® colour control and workflow software suite, a DuPont gamut enhanced inkset, installation, training, and award winning DuPont service and support.

Cromaprint® UV systems are designed for application versatility and ease of use, providing fast set-up from job to job, including quick and easy conversion from rigid to roll media. The DuPont™ Cromaprint® UV curable ink technology, *only* from DuPont, combines next generation dispersant technology with high-end components to produce a gamut enhanced six colour (plus white) ink set; featuring fast, high-gloss, uniform curing at low-energy levels to ensure accurate colour reproduction on a wide variety of media. Applications for the Cromaprint® UV technology include direct digital printing to many rigid materials (PVC, styrene, foam boards, aluminum, polycarbonate, wood, and corrugated boards) as well as most common flexible substrates (polyester films, synthetic textiles, poly vinyl, Tyvek®) and a wide variety of specialty polymers.

Quality, versatility, speed, and a company philosophy dedicated to technology innovation and customer support set Cromaprint® UV apart in the growing inkjet market place.



System Technology

Brief Description	2.2 m wide (86 in) Combination Flatbed/ Roll-To-Roll UV Cure Inkjet Digital Printing System
Cromaprint® UV Cure Ink Colours	7 Colours - 4 Liter Bulk Load Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, and White (White channel is offset to allow in-line colour over white printing at production speeds.)
	
Print Heads	14 Temperature Controlled Spectra Galaxy 256 (2 per colour)
Maximum Width Rigid and Roll	2.2 m (86 in)
Maximum Length - Rigid	3.2 m (126 in) - Length of Feed and Take-up Tables
Maximum Length - Roll	Length of roll or 100 m (328 ft)
Maximum Substrate Thickness	Up to 50.8 mm (2 in)
Auto Roll Feed Take-up & Rigid Media Tables	Included with standard configuration
Substrate Drive Type/Vacuum Bed	Continuous Belt Over 5 Zone Vacuum Flatbed

Print Resolutions/Productivity

- Eight selectable print modes with DuPont custom dither/screening technology
- Bi- and uni-directional printing
- Multiple pass imaging with high-quality image interlacing
- Resolutions up to 2400dpi

Production Modes	Speed/Hour
Ultra Speed Mode	63.2m ² (680.3ft ²)
Typical Production Modes	38.1m ² (410ft ²) to 20.6m ² (222ft ²)
Ultra Quality Mode	11m ² (118ft ²)



The miracles of science™

“Color any way you want it”

Environmental

Power Requirements:

Main Control and UV Supply - 220 Vac, Single Phase

30 A, 50/60 Hz

Vacuum - 220 Vac, Single Phase 30 A, 50/60 Hz

Operating Temperature Range: 20 - 30°C (68 - 85°F)

Humidity Range: 30 - 70% non-condensing

Ink Storage: Cromaprint® UV inks should be stored at a temperature range between 4°C - 35°C (40°F - 95°F)

Footprint (L x W x H): Printer (without roller tables attached)
468 cm x 140 cm x 188 cm (15.35 ft x 4.59 ft x 6.17 ft)
(Fits through most standard 2-door openings)

Complete System: (with roller tables attached)
468 cm x 340 cm x 188 cm (15.35 ft x 11.15 ft x 6.17 ft)

Weight (out of crate): 2700 kg (5952 lb)

Air Exhaust: Direct vented, minimum 550 CFM at each duct
(Configuration needs vary per facility. Consult HVAC technician for further details)

Compressed Air: 90 psi at 3 cfm - dry air (Compressor separator or dryer may be needed to achieve condensation free operation)

Software and Controller

DuPont™ Cromanet® Print Controller Server:

Integrated Windows® computer hardware/software print controller with LCD front panel user interface manages:

- Printer control functions and screening
- Colour Management
- RIP/Workflow
- User maintenance

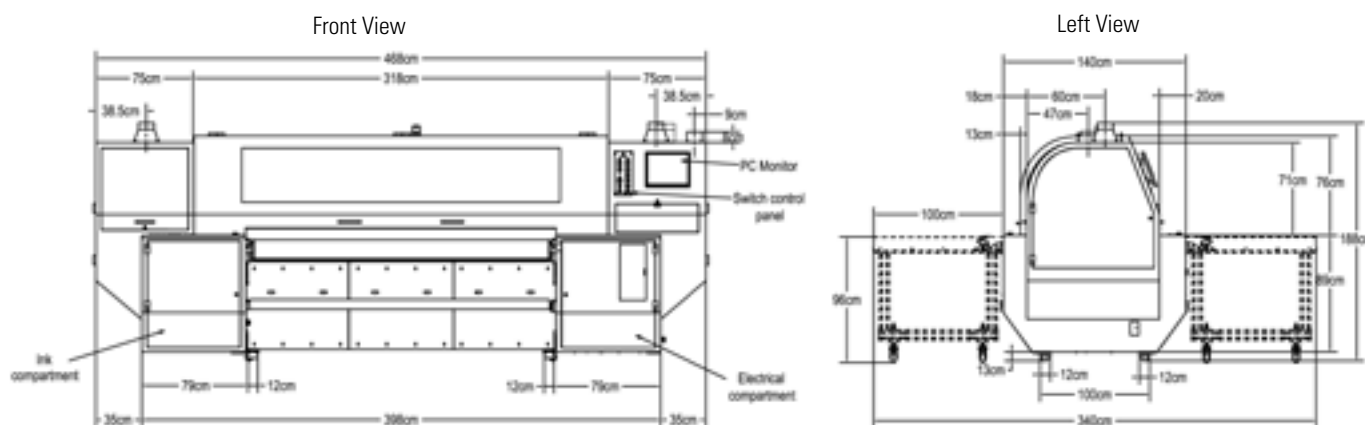
Colour Management: DuPont™ Cromanet® includes spectral calibration, profiling, and editing for both process and spot colours.

RIP/Workflow: DuPont™ Cromanet® digital workflow software suite includes:

- Adobe® PostScript® 3™ RIP Engine
- Send and Print Workflows for TIFF, JPEG, EPS, PDF
- Spot Colour Support (CIE L*a*b*)
- Post RIP Workflow & Productivity Tools

Safety Standard: CE, FCC, DuPont SHEA Certified

Warranty: One year parts and labor



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