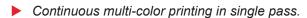


Single-Pass Inkjet Printer

XD70 Multi-Color Industrial Digital Inkjet Printers are "image direct" from computer to print. The perfect solution for variable data or for short or long runs with quick changeovers. These digital inkjet machines are ideal for multi-color printing on flat or semi-flat surfaces on a variety of substrates, and can be customized to meet your needs.



- High quality CMYK images using grayscale technology.
- Product height and width to 12 inches.
- 4-color with white undercoat integrated RIP available with variable image data software.
- Drop-on-demand InstaCure UV ink allows printing up to eight colors with zero down time.
- Fine line and details at 16 inches per seconds/ 360 dpi.



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Specifications

Maximum Print Width 2.78 inches (70.56 mm) more per request

Maximum Print Length 24 inches (610mm) more per request

Maximum Product HT: 11.8" (300mm) more per request W: 11.8" (300mm) more per request L: Application dependent

Maximum Print Speed 16 inches per second

OPI 360 dpi, single pass, single head, grayscale

Number of Print Heads 1-8 dependent upon customer needs, more per request

Ink Type Liquid UV

Supported Color CMYK
Configurations Also: Spot colors- CMYKWS-1853,
CMYKS-etc
White for undercoat: CMYKWW

Pretreatment Options Flame Corona Plasma

Cleaner: Air Knife and/or Brush

Safety Exhaust Exhaust blowers to remove fumes and heat.

Ozone destruct
Optional
Optional

Accepted Image Data

Binary Ink Jet
Print Quality

Grey Scale Ink

Grey scale variable drop technology improves fine lines and details Monochrome, Color or prepared color separations: A variety of common image formats are accepted for all image files, to include; .*.jpg,*.tif, & *.bmp

Other image file formats may be supported when used with EPSVT's color management software.

All image formats will be internally converted to 8-bit bitmap format at 360 dpi.

For optimal quality - especially when handling customer generated color separation files - submission of image files in bitmap (bmp) format, 8 bit or higher at resolution of 360 dpi is recommended

Image Processing Optional Integrated RIP, Color Software Management, Variable Data

Software Features Job and Print Queue Management Diagnostics (both local and remote)

Human Machine Interface Industrial Touch Display including on-screen keyboard

Ambient Temperature 65F to 90F

Physical Space 114" x 84" 106'

Compressed Air Supply Minimum 80psi required

Power 240VAC 50/60Hz 3-Phase, 20 Amps required

*Machine dimensions will vary depending on optional equipment added.

Machine specifications are subject to change without notice.

Features

- 10 ft Servo-Driven Conveyor Feed System with continuous/intermittent operational modes.
 - Bulk Ink Supply System for each print array with ink level sensor detection and auto refill.
 - Print head maintenance station/waste tray
 - Industrial PC, UI, UPS
 - Printer Assembly Stand and safety enclosure
 - Emergency Stop Switches/Interlocks
 - Z-axis servo control for automatic height adjustment for each station based on product height.
 - UV Curing Head Assembly and power supply mounted directly behind the print array with array protection and shutter system.
 - Adjustable power levels.
 - Print jobs (SKU numbers, scanned in routers) entered manually or by barcode scanner.
 - Local and remote diagnostics/ logging, fault detection.
 - Remote/Customer interface digital Ethernet/IP
 - Space available for load/off-load, vision/eject stations for customer integration.
 - Ventilation hookups for customer supplied vent system.



35-65%

Humidity