

As used by:



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the postjet 490D

- ❖ Versatile, compact and easy to integrate on mailing lines and webs
- ❖ Excellent print quality, up to 600dpi
- ❖ Maximise uptime and limit support costs



❖ The postjet 490D

The Postjet 490D digital printer utilises the very latest high resolution piezo print head and provides a versatile, low-cost solution to meet the growing demand for efficient envelope communication and late-stage ink jet customisation across a range of coated and uncoated substrates. The 490D builds on the Postjet platform with fast availability (print ready in just a few minutes), re-circulating ink system and instant job changeover, making the 490D simple and easy to use.

Capable of printing addresses, barcodes, 2D codes, QR codes, numbering, logos and graphics with on-the-fly job and variable data fields, the 490D is the optimum solution for mailing and addressing applications, as well as other related applications.

The compact, modular design of the 490D is easily integrated onto mailing lines, webs and card lines with a range of interfacing capabilities. With all the printer electronics built into the printhead assembly, it is designed to maximise production uptime and limit support costs.

The 490D is capable of variable resolutions up to 600 x 600dpi delivering excellent print quality with UV curable and other ink options depending on the substrate and print finish required.

- **Versatile** - compact, modular design is easy to integrate onto mailing lines, webs and card lines
- **Excellent print quality** - up to 600 x 600dpi (speed dependent)
- **Easy to use** - cold start within a few minutes and instant job changeover
- **Flexible** - up to 54mm print height (2.1") with variable horizontal resolution
- **Choice of inks** - including UV curable dependent on substrate and print finish required
- **Maximise uptime** and limit support costs

❖ Technical specification

Highlights

Maximum Line Speed	5 m/s max
Resolution	600dpi vertically, 150 to 600 dpi horizontally (600dpi at 1200mm/s max)
Controller	Integrated - no need for external controller
LCD	Integral 2 x 16 LCD display
GUI	Mobile maintenance station, or through TCP/IP via standard web browser

Print Configurations

Print Height	54.1mm (2.1")
Addressible Channels	1280
Maximum Frequency	30 KHz
Drop Size	Grey Scale, 4 drop sizes (2.5 to 9pl). Binary (7pl)
Construction	Stainless steel
Maximum Temperature	60C (integrated heater and thermistor)
Ink Compatability	UV, Solvent, Aqueous, Oil

Ink System

Overview	DSP controller recirculating ink system for UV, water and solvent based systems. Horizontal and vertical jetting
Maximum Colours	1
Recirculating	Yes
Print Down	Yes
Sealed shut down	Yes
Degassing	Integral Lung

Overview

CPU	High Performance Digital Signal Processor
Storage	Removeable SD Card
Fonts	True Type
Max Umbilical Length	2m
Maximum Line Speed	5 m/s
Max Throughput	30 per second
Encoder Inputs	Optical or Open Collector
Trigger Inputs	Optical or Open Collector
User Interface	Touchscreen or web-browser
Parallel Port	Centronics
IO	8 Inputs, 8 Outputs configurable
Max Stored Jobs	> 1000
Max on the fly jobs	> 1000
Variables	Up to 288 characters per job
Barcodes	DataMatrix, PostNet, Planet, IMB, ITF, EAN, Klix and others
External Air	Not Required
Power Supply	External AC adaptor, +15VDC
Interfaces	Serial (RS232/422), Parallel, TCP/IP

