Specification

Digital printing technology	UV inkjet, DOD inkjet printing
Resolution	360×360DPI, Max.1440×360 DPI
Printing speed	6m/min-30m/min(depends on inkjet layer thickness)
Variable data file format	PDF, embedded PDF, most bar code formats
Image format	PDF, PDF/VT, TIFF, JPEG, BMP & other data formats
Suitable media	Offset printing, digital printing, plastic film, lamination and other coating materials
Printing image size	Max. image width: 288mm Max. image length: 5m
Polyester resin	LED-UV curing, special clear varnish
Max. diameter of unwinding	Outer diameter of the paper roll is up to 700mm, inner diameter of the core is 76mm
Max. diameter of rewinding	Outer diameter of the paper roll is up to 700mm, inner diameter of the core is 76mm
Substrate thickness	30-400 um
Max. paper feeding width	330mm
Dimension (L×H×W)	3500×1900×1800 mm
Environmental requirements	Temperature: 15℃ - 30℃ Relative humidity: 40% - 80% non-condensing
Electrical requirements	Voltage: 3×380; +/-5%; 3-phase+G+N (star connection) Frequency: 50/60 Hz Current: about 25 amps Power requirement: Avg: 13.5KVA during production Max:30KVA Line requirements: Min.50A
Net weight	About 3000 kg

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LQ-MD 330DS

Digital Enhancement System



www.upg-digital.com



Introduction

This Digital Enhancement System combines digital stamping (embossing), digital varnishing, forsting, 3D bright, spot varnishing, braille, personalized arts, variable data printing, special printing process to highlight your press work and multiply the value. It has the advantages of high efficiency, low cost and high added value to quickly complete very minimum to medium length orders. Together with traditional printer, digital printer and other post-processing technology, it can perfectly solve most post-processing problems.

Features & Advantages

• Fully Digital Process

With an all-digital solution, no additional cumbersome settings are required, and the goal can be achieved with only bar codes or QR codes and variable data in PDF or optimized PDF files.

• Strong Product Applicability

It can not only be perfectly cooperate with HP, Epson, Konica Minolta and other digital printing presses, but also perfectly matched with most traditional printer.

• Durable Embossment Without Deformation

Using unique UV inkjet printing technology, the crystal clear resin varnish can be adhered tightly, stable, full, durable and compliant. Embossed characters and graphics can maintain a clear outline and will not be de-formed or flattened.

• Accurate And Fast Overprinting

Through simple paper path design, precise registration of digital UV varnishing and stamping can be done in one time, which can reduce the waste of paper and process and greatly improve production efficiency.

More product applications to create high added value

The product application covers liquor, red wine, cosmetics, fast moving consumer goods and other fields, it is more competitive especially in the wine label, flexible package, and washi tape, journal, calendar and other products. It can not only increase the added value of customers' products, but also enhance its unique market competitiveness.

Application For Washi Tape



Application For Alcoholic Label



Application For Cosmetic Label



Application For Food Label



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