ON-DEMAND PRODUCTION OF LABEL & PACKAGE
IN RIGHT TIME, RIGHT PLACE & RIGHT QUANTITY

EMBELLIO XPRESS

Game Changer in roll to roll digital embellishment market - new singlepass inkjet varnishing & foiling!

4-5 HEAD UV-INKJET SINGLE PASS PRINT BAR / 3~25M/MIN SPEED / UV LED LAMP CURING SYSTEM / CORONA PRETRATMENT / OVERPRINTING SENSOR / INLINE FOILING / INK THICKNESS CONTROL

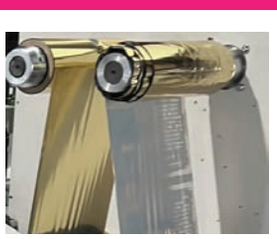
Single color Single pass
UV inkjet & inline foiling

FEATURES

Compact singlepass UV inkjet press for Digital Embellishment

Using 4 ~5 ea of XAAR 2002 heads which can jet upto 100 cPs thick ink with continuous recirculation for single-pass UV LED inkjet

Corona pretreatment system to print UV curable ink on any kind of printed layer and uncoated substrate



Cold foiling system to adhere on pin-cured varnish ink layer during full-curing process Sharp edges achievable

Web guide system to assure straight feeding

Embedded PC and Rip software to print single color in different ink thickness and speed

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Glossy Varnishing
Matte Varnishing
Braille / Semi-3D
Metalic Foiling

SPECIFICATIONS

Max. media roll diameter	480mm (3" core, 47.2kgs)
Printing speed	3 - 25m/min (depending on ink layer thickness)
Max. label width	70 - 360mm
Max. printing width	280mm default, 350mm optional (adding additional head)
Printing method	Piezo DoD Inkjet
Printing resolution	720 x 720, 720 x 1440, 720 x 2880 DPI
Printing Accuracy	± 0.15mm for overprinting
Substrate thickness	60 ~ 350 micron
Ink layer thickness	15~100 micron
Foiling method	Cold-foiling with UV LED curing
Pretreatment	Corona
Cooling system	Water cooling
Software	Intuitive Rip software on embedded PC
Tracking	Panasonic color sensor (detecting Gap, Mark and Color)
Color	Varnish, White, Black
Machine size (L x W x H)	1800 x 1380 x 1460mm
Machine weigth	Approx. 750kgs
Power supply	380 VAC, 3 Phase, 20A
Room condition	20~23°C, 45~55% (RH)
Warranty	13 month after shipment (except for consumables parts)
Included	Embedded PC with SW / Color sensor / Tension control system / Foiling system / Head auto-cleaning station / UV-LED lamps / Unwinder - Rewinder
Options	Web guide / Water cooler / Corona pretreatment / Air compressor

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