



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 PRETREATMENT / OVERPRINTING SENSOR / INLINE FOILING / INK THICKNESS CONTROL

Single color Single pass
UV inkjet & inline foiling

UV V&S

VALLEY

EMBELLIO XPRESS

Ink layer thickness	Line thickness	Font size	Print Speed
0.03mm	0.1mm	3 pt	25m/min
0.05mm	0.2mm	5 pt	12m/min
0.07mm	0.4mm	7 pt	6m/min

FEATURES

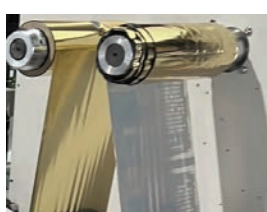
Compact singlepass UV inkjet press for Digital Embellishment



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
Metallic 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 weight	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 / UV-LED lamps / Unwinder - Rewinder / Water cooler / Corona pretreatment
Options	Web guide / Air compressor



VALLOY Incorporated
Rm 1017-1018, DaeMyung Valeon, 127 Beobwon-ro, Songpa-gu, Seoul, 05836 KOREA
Tel : +82-2-6082-5022 Fax : +82-2-445-5441 support@valloy.net www.valloy.com

