JETSCI ®

kolorsmart+
UV Inkjet Label Production Press

Universal Printing System
UV Inkjet Digital Label Production Press

kolorsmart+

PRINT

What you need
When you need
How much you need

BE MORE PRODUCTIVE & PROFITABLE

Be it the need of printing short-runs or long-runs, labels requiring quick job change over versioning, Variable Data, Security Printing, **Kolorsmart+ UV Inkjet Label Production Press** is equipped with all the features required to perform any label printing job with accurate and quick spot color matching as well as consistent color reproduction. Pre-Inkjet Flexo Station can be used for priming, coating or single-color printing along with up to 6-colors (W+CMYK+O) UV Inkjet unit, the combination of 4-step grey level printing with specially formulated ink provides smooth natural gradations from highlights to shadows high-quality sharp texts and photo-quality images with fine details.

Kolorsmart+ brings the fastest return on investment and maximum profits to the label printers producing Label in the most cost-effective ways with high-productivity of up -to 50 m/min which enables label printers across the globe to grow faster.

Higher Flexibility

High Quality

Great Value Addition

Profitability

Fast turn around time

Increased Productivity

TECHNICAL SPECIFICATION

Print Head	Kyocera KJ 4 A (Piezo DOD Inkjet)
Web Width	350 mm
Speed Up to	50 m/min
Drop Volume	3-14 pL (4 Grey level)
Substrate	40-200 um (label paper supported, other materials - perform test)
Air Supply Requirement	Compressed clean and dry air
Ink Systems	Closed Loop with Degas
Ink Tanks	4-20 litres (To be Specified)
Color	White + CMYK + Orange (upto 6 Colors)
Electrical Requirements	3 phase 410-440 V, 50-60 Hz, 32 A
Ink Type	UV LED Curable

DIGITAL PRINT ENGINE

Print Width	Up to 216mm & 324 mm
Resolution	600 x 600 dpi native, @ 4 level grey scale, 600x1200 dpi Configurable
File Format	PDF, PDF/VT, TIFF, JPEG, BMP & other database files
Workflow	Advanced colour management & RIP solution
Ink Curing	Inter colour UV LED pinning, Full curing by UV LED / Arc Lamp, chiller (Optional)

WEB CONTROL SYSTEM (Fully Servo Driven)

Unwinder Diameter	700 mm, core 76 mm
Rewinder Diameter	700 mm, core 76 mm
Other Accessories	Pre-inkjet Flexo station, web cleaner with antistatic, corona treater
Flexo Unit	Coating, printing, primer with UV curing

ENVIRONMENTAL DATA

Optimal Temperature Range:	20-24°C (68-72-degree F)
Ink Storage	18-22°C (68-77-degree F)
Optimum Humidity Range	40-60%

Dust Free / Controlled Environment

Watch in action

CERTIFICATE

CE

TÜV NORD
Management Systems as per
ISO 9001:2008 - 15

#labeldigitalenable

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SYSTEMS LIMITED