XEIKON 3000 SERIES

Getting started with digital printing
Xeikon 3030 - Xeikon 3050

LABELS

The Xeikon 3030 and 3050 digital presses are member of the Xeikon 3000 Series, achieving high productivity providing highest quality printing at entry level investment costs. The presses are ideal to get a first experience with digital printing and, as the business grows, be upgraded on site. Each press can be upgraded to a higher speed (Xeikon 3050) or a higher speed and wider web (Xeikon 3030) without making any concession in terms of quality.



A division of FlintGroup

XEIKON 3030
XEIKON 3050
specifications

THE UNIQUENESS OF THE XEIKON 3000 SERIES IS IN ITS COMBINATION OF PRODUCTIVITY AND QUALITY BENEFITS.

- High productivity by full rotary printing independent of either the number of colors or the repeat length of the job.
- Print resolution: true 1200 dpi with variable dot density
- Variable printing width
- QB-I or ICE dry toner
  - Allowing the use of substrate without specific pre-treatment
  - High light fastness
  - Meeting FDA regulations regarding food contact
  - One-pass opaque white
  - No VOC emision
- Easy integration in any workflow software solution
- Professional color management
- Expert consultancy and service

PRINT TECHNOLOGY & FEATURES	
Process	LED-array-based, dry toner electrophotography. Full rotary, variable repeat length
Color configuration	5/0 simplex, 5th color station for spot color, security toner or opaque white
Standard color sequence	White (5th), Yellow, Cyan, Magenta, Black (sequence can be altered for other applications)
In-line density control	Standard, automatic density control while printing
In-line register control	Standard, automatic register control while printing
TONER SYSTEM	
Toner	Xeikon QB-I and ICE dry toner. Pantone® licensed
	Meeting FDA regulation and Nestle guidelines for Food contact (ISEGA approved)
Special colors	Spot colors: R-G-B, Orange, ExtraMagenta, Clear (UV reflecting), SuperBlack, White
	MatteSilver and Palladiumsilver
Light fastness	6-8 on blue wool scale
PRINT MEDIA	
Pre-printed stock functionality	Synchronising on a preprinted stock, front or back
Web-fed	SA or PS label (paper, PP, PE, PET, vinyl, co-extruded film)
	Paper, paperboard, transfer substrate, unsupported BoPP and oPP film for IML
Media width	Xeikon 3030: 200 - 330 mm (7,9” - 13,0”)
	Xeikon 3050: 250 - 516 mm (9,8” - 20,3”)
Media weight	40 - 350 gsm (27 lb text to 122 lb cover)
Media caliper	40 - 550 µm (1,6 mil - 21,65 mil)
Web alignment	Active web alignment standard. Suited for paper and synthetic (white, clear) substrates
PRESS THROUGHPUT	
Web speed	All engines: 9,6 m/min (31,5 ft/min) up to 350 gsm
Printing speed	Xeikon 3030: 190 sqm/hr (294,5 MSI/hr)
	Xeikon 3050: 297 sqm/hr (460 MSI/hr)
IMAGING	
Resolution	1200 dpi with variable dot density
Screening	Pericles screening library up to 240 lpi
Imaging width	Xeikon 3030: 322 mm (12,7”)
	Xeikon 3050: 508 mm (20”)
Repeat length	Variable (0 - 55 m; 0 - 180 ft)
Digital front-end	Xeikon X-800
Compliance	CE, CB, FCC
	Deinkabillity (Ingede)
PERIPHERAL EQUIPMENT, UPGRADES AND SERVICES (Optional)	
Input	PMS unwinder: Max. 100 kg (220 lbs), max. 600 mm (23,6”) diameter
	PMS Large: Max. 850 kg (1,870 lbs), max 1,5 m (59”) diameter
Output	Selection of solutions available: rewinders, converters, stackers, inline varnish
Cutter	Minimum cut length: 330 mm (13”) during printing
	Cutter accuracy: ± 200 µm (± 7,87 mil) initiated by printed marker
Speed upgrade	Xeikon 3030: 15 m/min - 19,2 m/min (49,2 ft/min - 63,0 ft/min)
	Xeikon 3050: 19,2 m/min (63,0 ft/min)
Width upgrade	Xeikon 3030: 508 mm (20”)

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