

JETRIX
UV LED ROLL-TO-ROLL
PRINTER

LXiR320



JETRIX

JETRIX UV LED Roll-To-Roll Printer LXiR320

Max out your performance, efficiency and quality with the JETRIX LXiR320

The JETRIX LXiR320 offers maximum productivity with its high speed printheads with minimal energy usage from the latest LED curing system, which reduces operational costs significantly compared to the competition. The JETRIX LXiR320 can also handle multi roll printing up to 3 rolls. This option enables you to increase your productivity when printing on smaller media—whether it is paper, vinyl or polyester. In addition, its robust media capability allows a single roll up to 100kgs (220lb) and front & rear double rollers offers accurate feeding system.

JETRIX LXiR320 is a technically advanced entry level 3.2 meter LED Roll-To-Roll printer which gives high-speed printing possibilities combined with superb results at an extremely competitive price.

Outstanding exterior features

State-of-the-art high-speed head

- High speed Konica Minolta 1024i printhead (Maximum 14 heads / 13picoliter)
- Photorealistic printing achieved through high resolution and variable dot
- Upgradable from single head array to double head array (from 7 heads to 14 heads)

Accurate feeding system

- Rubber rollers on the front and double rollers on the rear
- Air shaft system included to hold the media roll tightly
- Precise feeding result on various materials (PVC, Flex and other flexible media)

Efficient LED curing system

- Extended LED lamp life time of up to 10,000 hours (compared to mercury lamps)
- Eco friendly printing with reduced energy consumption
- Risks associated with the impact of heat are eliminated, such as media deformation

Productive multi-roll system applied - Enhanced productivity through dual mounting

Effective anti-static system - Powerful Ionizing system to eliminate static from a wide range of materials

Individual ink temperature control system - Optimum ink jetting through individual temperature control system

Convenient and safe functions

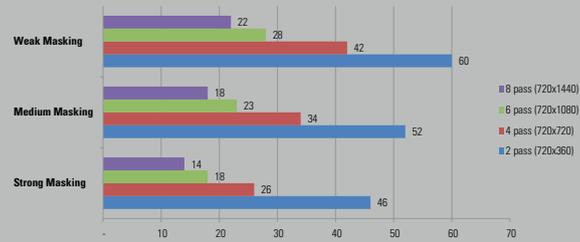
- Platform cooling system
- Anti-head crush
- Balanced vacuum system
- Foot switch for single person operation



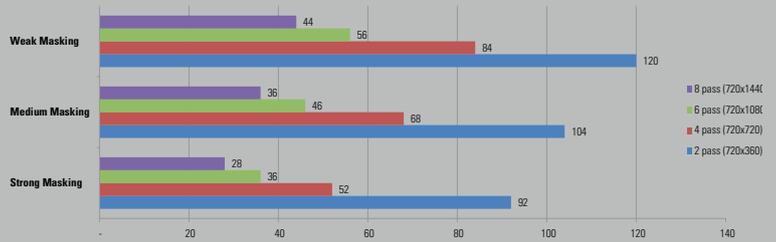
Competitive Printing Speed

Competitive productivity with speed up to 120sqm/h

* Single Head array (6-7heads)



* Double Head array (12~14 heads)



Estimate annual sales profit (1 year)

Printing Mode (Medium Masking)	Head Configuration	Total Production (m ²)			Annual		
		1 Day (8 hour)	1 Month (20 Day)	1 Year (12month)	Estimated Revenue(€)	Estimated Consumable Cost(€) (Ink + Media)	Estimated Salse Profit(€)
720x360, 2Pass	Single	416	8,320	99,840	€ 699,000	€ 239,000	€ 460,000
	Double	832	16,640	199,680	€ 1,398,000	€ 617,000	€ 781,000
720x720, 4Pass	Single	272	5,440	65,280	€ 457,000	€ 156,000	€ 301,000
	Double	544	10,880	130,560	€ 914,000	€ 404,000	€ 510,000
720x1080, 6Pass	Single	184	3,680	44,160	€ 309,000	€ 109,000	€ 200,000
	Double	368	7,360	88,320	€ 618,000	€ 287,000	€ 331,000
720x1440, 8Pass	Single	144	2,880	34,560	€ 242,000	€ 86,000	€ 156,000
	Double	288	5,760	69,120	€ 484,000	€ 226,000	€ 258,000

- Results may vary depending on the material used and the capabilities of the operator.



Highly Efficient LED curing system
Key advantages of LED curing

Less heat

25% ↓

No warm-up time

0 time

Lamp life time

700-1000 hours
10,000 hours

Lower electricity consumption

Environmentally friendly

OZONE Free
No Mercury



JETRIX UV LED inks for Roll-To-Roll printer World class tailor-made inks from InkTec

InkTec UV inks have many benefits for outdoor & indoor printing due to their superior UV resistance, high color concentration and excellent adhesion.

Their wide color gamut and high density delivers enhanced printing productivity.

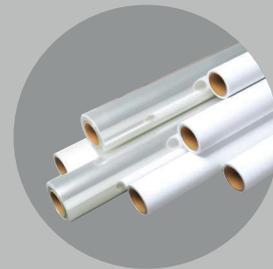
Furthermore, these inks are suitable for wide range of both coated and uncoated roll media, such as Flex, PVC, vinyl and other flexible substrates.

Main Features

- Suitable for Roll-To-Roll applications
- Excellent media adhesion
- Fast cure for high production output (UV LED lamps)
- Good scratch and abrasion resistance
- Superior printing stability
- Bright vibrant colors
- Superior white opacity (white ink)
- Suitable for uncoated materials
- No harmful chemical (NVC free and zero VOC's)

Compatible substrates

- PVC
- Self-adhesive Vinyl
- PET
- Flex
- Poster Paper
- Fabric banner



PRODUCT OFFERING

Color	Model
● Black	ULE-B01LB
● Cyan	ULE-B01LC
● Magenta	ULE-B01LM
● Yellow	ULE-B01LY
● Light Cyan	ULE-B01LLC
● Light Magenta	ULE-B01LLM
○ White	ULE-B01LW

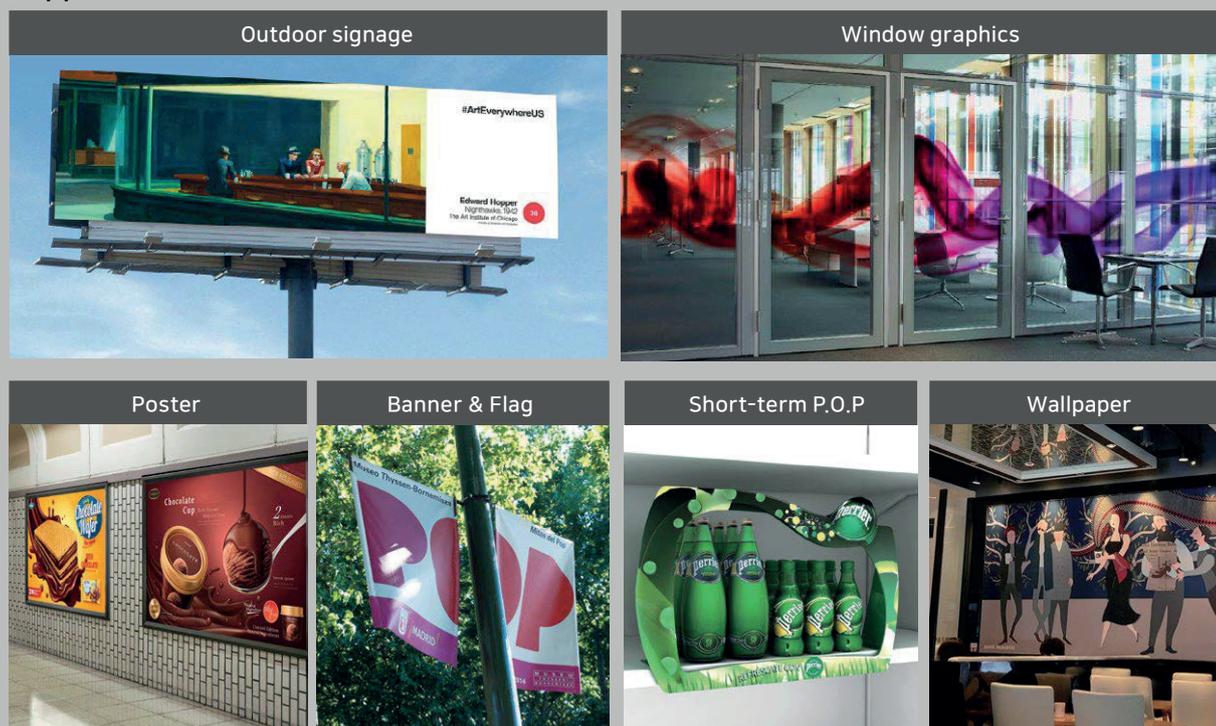
JETRIX UV LED inks for Roll-To-Roll printer



Specification

Head	Konica KM1024i	
Printhead arrangement	Max 14 heads	
Resolution (dpi)	720x1440	
Printing width	3.2m edge to edge	
Printing media	PVC, Flex, Fabric banner, flexible substrates	
Air control system	Negative pressure control system	
Ink circulation system	White ink circulation	
Operation conditions	Power	220Vac / 1P(2W)+PE / 50-60Hz / 25A (SCR-6KA), 4300W
	Compressed Air	0.7MPa
Curing Lamp	LED lamp, 1,200mW	
Servo motor	R axis 750W servo motor	
Package	Dimensions	5820x2260x2060mm / 2,775kg
	Machine size	5600x1400x1450 / 2,150kg
RIP software	Caldera	

Applications



About InkTec R&D

As a world class printing solution provider, InkTec designs new technologies and innovates through steady investment in R&D in order to leap forward and constantly be seen as a key company specialising in digital printing. InkTec are always striving to do their best to achieve global technical leadership, always focusing on the future of printing.

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Authorized
Reseller

