

# UV MESH BELT PRINTER SERIES DLI-5200RP

**HYBRID  
5.2M**



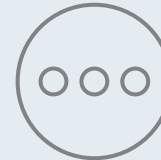
High Precision



High Productivity



High Quality



Be Widely Used

شركة النجم الرقمي للألات و المعدات  
DIGITAL STAR MACHINERY AND EQUIPMENTS

## SOURCE OF DIGITAL SOLUTIONS

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Riyadh – Saudi Arabia (KSA), we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.

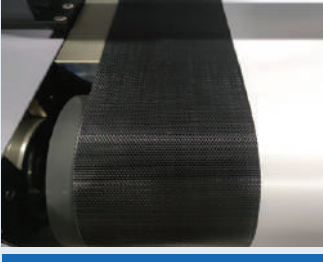


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## Application Industry

Widely used in advertising industry, light box soft film, cosmetic packaging materials and other industries, flat roll one, flat roll dual use wider print range.

## Product Characteristics



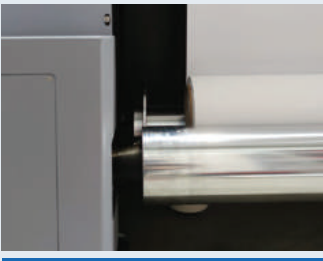
### Ultra Wide Mesh Belt Printing Platform

The Mesh belt printing platform is supported by aerospace aluminum suction platforms, which can make machine operation more stable & with higher accuracy. Roll materials printing and flatbed materials printing modes are supported. The ultra-wide-format mesh belt printing platform offers broader application possibilities



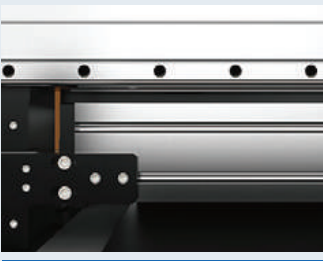
### Magnetic Linear Motor

The magnetic levitation linear motor offers faster speed, higher precision, and stronger stability. At the same time, it possesses the characteristic of wear resistance, ensuring durability.



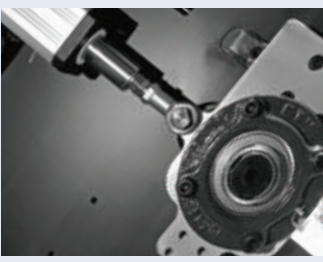
### Front and Rear Loading and Unloading System

The design of the multi transition roller structure ensures smooth operation and printing accuracy when printing the coil material. The front and rear loading and unloading system are user-friendly, making loading and unloading more convenient and efficient.



### Y Axis Precise Positioning

The Y-Axis can accurately locate printing materials and automatically lifting, making material printing convenient and fast. Additionally, it prevents misalignment to ensure printing accuracy.



### Mesh Belt Automatic Correction System

The Automatic deviation correction system makes the mesh belt running more stable, avoiding frequent manual adjustment which cause the belt deviated, and makes operation more convenient.



### Dual Variable Frequency Fan

The dual variable frequency fan can adjust the suction air volume and reduce energy consumption, while also providing more uniform suction platform.



### All Steel Frame Structure

The machine has an all steel integrated structure and multiple dense and stable support points, with a more reasonable structure and stronger stability. The all steel integrated structure can be used normally for five years without deformation.

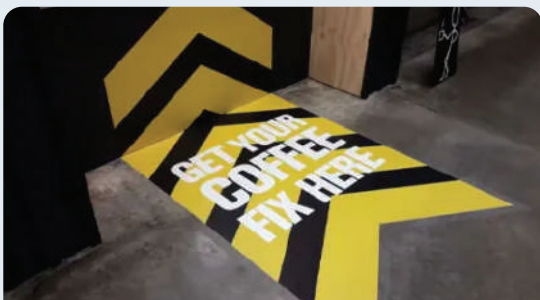
## PRODUCT SAMPLES



Light-Box Fabric



Stretch Ceiling Membrane



Floor Sticker



Wood Wallpaper



PVC Soft Film



Glass Advertisement

## Technical Parameters

Mode of Equipment	DLI-5200RP
Printing Size	Plate:5200*2500mm /Coil:5200mm(max)
Curing System	UV Lamp Curing
Print Head Quantity	4-24 (and can be customized)
Print Head Type	Konica 1024i print head/ Ricoh G5/ Ricoh G6 Print Head
Printing Color	CMYK+LCLM+W+V(Support a variety of color combinations)
Printing Precision	540*1080DPI/ 540*1440DPI/ 540*2160DPI
Ink System	Continuous Ink Supply/ Ink Tank 2000ml/ Subtank constant temperature and pressure/ white auto stirrer
Lifting Function	Automatic lifting of print head/ Automatic monitoring of print height
Printing Height	0-50mm (Can be customized)
RIP Software	ColorGATE RIP Photo print Riprint, and supporting various printing softwares
Printer Dimension	8200mm*2200mm*2000mm
File Format	TIFF(RGB&CMYK)BMP, PDF, EPS, JPEG etc.,
Data Interface	High Speed USB transfer interface/ Gigabit Network interface
Operation Environment	Temperature 20°C - 30°C / Humidity: 40-70%
Power Requirements	AC220V( ±10%); 50HZ/60HZ; P:10000W
Printer Weight	8000Kg
Flatbed Platform	Optional

\*Specifications are subject to change without prior notice, all rights reserved.

## Printing Speed

Printing Speed	4PASS	6PASS	8PASS
Single-row configuration Scheme	58m <sup>2</sup> /h	39m <sup>2</sup> /h	28m <sup>2</sup> /h
Two-row configuration Scheme	115m <sup>2</sup> /h	77m <sup>2</sup> /h	58m <sup>2</sup> /h
Three-row configuration Scheme	174m <sup>2</sup> /h	111m <sup>2</sup> /h	85m <sup>2</sup> /h
Four-row configuration Scheme	218m <sup>2</sup> /h	147m <sup>2</sup> /h	111m <sup>2</sup> /h

Konica 1024i heads scheme: Single row: 4-6 heads Double row: 8-12 heads I Three row: 12-18 heads I Four row: 16-24 heads

## SYSTEM REQUIREMENTS (PC's)

Operating System*	Windows 10 (64 Bit) / Windows 11 (64 Bit)
Processor	i7 - 2.2 GHz or faster
Memory (RAM)	Min. 32 GB or more
Video Card and Monitor(VGA)	1280x1024 or Higher Resolution is Recommended
Working Hard Disk Space	1 TB SSD or more recommended
Optical drive	DVD-ROM
Other requirements	High Speed Gigabit Network Card 3.0 USB Ports and PCIE Slot
Recommended Brand	Lenovo/ Dell

\* Note: You can use a laptop or desktop computer

\* Use the original operating system. If you are using pirated operating system, we are not responsible for any damage to machine workings, and also the warranty terms will become void.

## OTHER REQUIREMENTS

Power Requirements	AC220V; 50HZ/60HZ; P:10000W
Power Stabilizer	Minimum 10KVA Automatic Voltage Regulator



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## Terms and Conditions

01. Payment to be made in SAR currency.
02. Payment Terms : As mentioned in Quotation.
03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
04. Any charges, duties, taxes or levies at the ports of entry will be to our account.
05. The charges of loading, boarding and local conveyance of the technician will be to our account.
06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
07. Digital Star Machinery and Equipments will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.
08. Warranty will be 12 months from the date of installation from Digital Star Machinery and Equipments. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Machinery and Equipments.
09. Service will be free of cost within 12 months from the date of installation.
10. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
11. Delivery: As mentioned in quotation

## شركة النجم الرقمي للألات و المعدات DIGITAL STAR MACHINERY AND EQUIPMENTS

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