

ARTRIX PRO

AN EASY WAY TO BE A PROFESSIONAL



A young child with dark, curly hair is shown in profile, looking towards the left. They are wearing a mustard-colored sweater and are in the process of eating a piece of yellow fruit, possibly a mango or pineapple. The background is a soft-focus indoor setting with light-colored curtains.

**REGULAR
TOO EASY,
PROFESSIONAL
TOO HARD?**



All New Designed

FABRIC FEEDING SYSTEM

STICKY BELT FEEDING SYSTEM

EASY TO PRINT ELASTIC FABRICS WITH THE HIGHEST PRECISION

POWERFUL DRYER SUITABLE FOR WIDE VARIETIES OF FABRICS

FULLY AUTOMATED TENSIONING AND ALIGNING DEVICES



ARTRIX PRO

AN EASY WAY TO BE A PROFESSIONAL



INDUSTRIAL LEVEL DIRECT TO TEXTILE PRINTER

Up to

129 m²/h

Speed

Up to

600
X 1,800 Dpi

Resolution

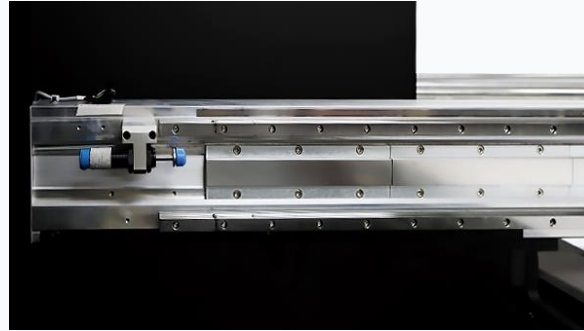


KEY FEATURES



RICHO GEN6

Compared to the current models of Ricoh Gen5 available on the market, it offers a 30% increase in speed, significantly improving printer efficiency.



LINEAR MOTOR AND METAL ENCODER SCALE

The linear motor and metal encoder scale ensure high-precision printing, while also maintaining low operational and maintenance costs.



POWERFUL IN-LINE DRYER

The In-line dryer is equipped with six infrared lamps, making it more powerful and explicitly designed to efficiently dry even the thickest fabrics at high speeds.



HIGHLY VERSATILE FABRIC FEEDING SYSTEM

The feeding system provides edge positioning control to ensure perfect feeding. Additionally, it incorporates a pneumatic clutch to prevent distortion of the media.



ADVANCED BELT WASHING UNIT

Equipped with a powerful brush and dryer, the advanced belt washing unit enhances the long-lasting tackiness of the glue.



SMART FABRIC PRESS ROLLER

The smart fabric press roller finely regulates pressure in order to ensure stable printing and prevent distortion of the media.

SPECIFICATIONS

Printing

Print Head

Ricoh, 8 Heads

Ink Type

Pigment

Number of Colour

8

Max Printing Resolution

600 X 1,800dpi

Max Printing Width

1,830mm

Printing Mode

Bi-Direction/Uni-Direction

Ink

Pigment

Yellow, Magenta, Cyan, Black,
+ Lc, Lm, Or, Bl, Sc, Gr

Ink Capacity

5L

Printing Speed

600 X 600dpi 2pass

129m²/h

600 X 900dpi 3pass

93m²/h

600 X 1,200dpi 4pass

72m²/h

SPECIFICATIONS

Media

Media Drive

Adhesive Belt Conveyor System

Belt Washing

Automatic

Max Media Width

1,880mm

Max Media Load

Diameter : 320mm, Weight : 40kg

Diameter : 320mm, Weight : 100kg

*Option (Rubber Band Shaft)

Max Media Thickness

2mm

Core Diameter Feeder

320mm, 2~3inch

Operational Environment

Temperature

Operating: 20°C~25°C

Humidity

Operating: 45~65%

* Environmental influences can affect print quality.

Others

Rip Software

Ergosoft, Caldera, Wasatch

SPECIFICATIONS

Dimensions

Printing Machine

3,820(W) x 1,700(D) x 1,800(H) mm

Dryer (6heats)

2,502(W) x 820(D) x 1,045 (H) mm

Weight

Printing Machine

1,600kg

Dryer (6heats)

280kg

Electricity

Printing Machine

9.82kW, 3Φ AC 380~415V, 14.92A

Dryer (6heats)

7.85kW, 3Φ AC 380~415V, 11.91A

OUR GLOBAL NETWORK

DGI has been expanding its presence to approximately 80 countries. As of last year, the service was being operated in various countries, including Italy, the UK, Saudi Arabia, and the US. Now, more than 3,600 companies are estimated to have been using it.

DGI HEADQUARTERS

52, Cheongdam-Ro, Yangju-si, Gyeonggi-do, Korea
TEL +82-31-820-8900

DGI GLOBAL SALES OFFICE

11F, Simon Tower, 15 Teheran-ro 84-gil, Gangnam-gu, Seoul
TEL +82-31-820-8900

DGI Europe

Via Giuseppe Garibaldi, 151, 20833 Giussano MB, Italy
TEL +39-340-3870459

DGI USA

27 Spectrum Pointe Drive, Suites 311 and 312, Lake Forest, CA, USA
TEL +1-949-942-1885

DGI CHINA

Outlets130-104,Hengdayulanguoji,No.702 Shanhe Road, Chengyang District,
Qingdao City, Shandong Province, CHINA
TEL +86-187-6390-1188

ARTRIX PRO

AN EASY WAY TO BE A PROFESSIONAL



DGI
DIGITAL GRAPHICS INCORPORATED

 d.gen