

POSEIDON

AWARD-WINNING PRODUCT
SGIA, Product of the year, 2019



Award-winning product

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RTR Dye-Sub on Textile



2 More Colours ⁺

without sacrificing speed

* Up to 6 times faster than competitive machine using 6 colours



Advanced Sleep Mode

After pre-set time, all functions turns off automatically and printer goes to sleep mode and stand by.

* Sequence : Carriage to capping → Electric valve, Internal heater, Vacuum fan off → External dryer off



INDUSTRIAL LEVEL DYE SUBLIMATION PRINTER

Up to

135 m²/h

Speed

Up to

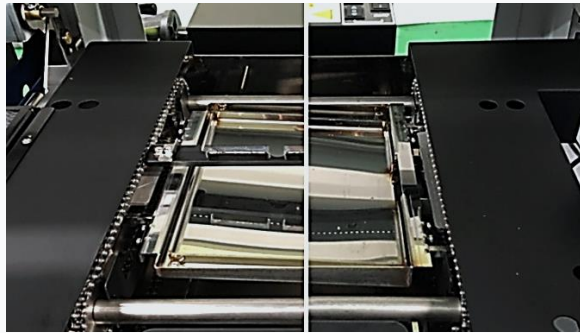
600
X 1,200 dpi

Resolution

This data is based on the specifications of the 1.9M model.
The 1.6M model is also available as bespoke options.

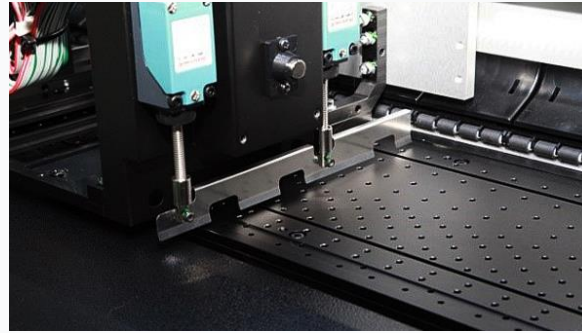


KEY FEATURES



CHAIN WIPING SYSTEM

The chain wiping system helps maintain optimal conditions for the cleaning blades, eliminating the operator's need to clean the blades of the printhead.



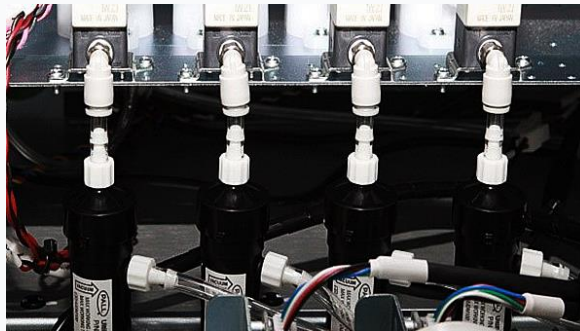
MEDIA COLLISION SENSOR

The collision sensor reduces the chance of paper striking during printing and provides safer protection for printheads.



ELECTRIC SOLENOID VALVE

The electric solenoid valve closes automatically to ensure safety during power outages and maintain printing stability.



INDIVIDUAL DEGASSER SYSTEM

The individual degasser system removes micro bubbles from each print head separately, thereby preventing clogging and ensuring more stable printing.



MINI JUMBO ROLL UNWINDING SYSTEM

The mini jumbo roll unwinding system has a loading capacity that can support a maximum of 2,000m of paper.(based on 70g/m² paper)



ONE-TOUCH CAPPING STATION

To ensure proper preservation of the printhead, the capping station maintains appropriate humidity levels to prevent the drying out of the nozzle surface.

SPECIFICATIONS

Printing

Print Head

Kyocera, 2/3 Heads

Ink Type

Water Based Dye Sublimation

Number of Colour

4 / 6

Max Printing Resolution

600 X 1,200dpi

Max Printing Width

1,880mm

Printing Mode

Bi-Direction/Uni-Direction

Ink

Water Based Dye Sublimation(4 Colour)

Yellow, Magenta, Cyan, Black

Water Based Dye Sublimation(6 Colour)

Yellow, Magenta, Cyan, Black

+ Lc, Lm, Fm, Fy

Ink Capacity

1.5L

Printing Speed

600 X 600dpi 2pass

135m²/h

600 X 600dpi 4pass

85m²/h

600 X 900dpi 6pass

60m²/h

600 X 1,200dpi 8pass

45m²/h

SPECIFICATIONS

Media

Media Drive

Roll to Roll

Max Media Width

1,900mm

Max Media Load

Diameter : 200mm, Weight : 30kg

Max Media Load (MINI JUMBO ROLL UNWINDING SYSTEM)

Diameter : 480mm, Weight : 290kg (Unwinder)

Diameter : 260mm, Weight : 85kg (Winder)

Core Diameter Feeder

200mm, 3inch

Operational Environment

Temperature

Operating: 20°C~30°C

Humidity

Operating: 40~70%

* Environmental influences can affect print quality.

Others

Rip Software

Ergosoft

SPECIFICATIONS (1.9M)

Dimensions

Printing Machine

3,540(W) x 1,200(D) x 1,350(H) mm

Mini Jumbo Unwinder

2,700(W) x 550(D) x 900(H) mm

Dryer

2,200(W) x 300(D) x 180(H) mm

Weight

Printing Machine

460kg

Mini Jumbo Unwinder

115kg

Dryer

17kg

Electricity

Printing Machine

3.3kW, 1Φ AC 220~240V, 15A

Mini Jumbo Unwinder

0.88kW, 1Φ AC 220~240V, 4A

Dryer

3.4kW, 1Φ AC 220~240V, 15.5A

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.

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