

HERCULES II

HIGH PRODUCTIVITY DYE-SUBLIMATION PRINTER



High
Production
Speed

Up to 130m² per hour



2.5pl Smallest
Droplet and
Variable Dots

4 Colors



Printing
Resolution

720 x
2400 dpi



Advanced
Printheads

i3200
2 x Printheads
3 x Printheads



Take-Up
System

Maximum
200 linear meters

KEY FEATURES



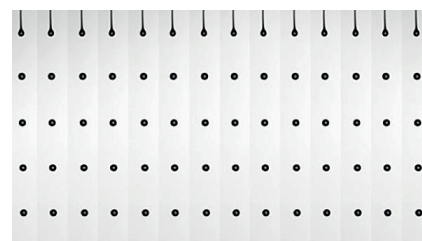
MORE PRECISE PRINthead CONTROL

To ensure high-resolution printing, the I3200 print head is equipped with 3200 nozzles, produces droplets as small as 2.5pl.



DUAL SIDED DRYING SYSTEM

The dual external dryers, equipped at the front and bottom, enhance both drying performance and printing quality for high-speed printing.



DEDICATED WAVEFORM

The dedicated waveform, developed by DGI, delivers high quality graphics and design in various ways.



SUCTION TYPE CAPPING STATION

The newly designed suction-type capping station enables easy efficient and effortless unclogging of print head nozzles.



TAKE-UP SYSTEM FOR HIGH PRODUCTIVITY

The take-up system can accommodate a maximum of 200 linear meters.



CONTINUOUS INK SUPPLY SYSTEM

The bulk type Ink system, which is very simple and accessible, is designed for ink refilling, even during printing, enabling non stop production.

SPECIFICATIONS *Available in 2 Head and 4 Head Configuration

Printing

Print Head

Epson, 4 Heads

Ink Type

Water Based Dye Sublimation

Number of Colours

4 (CMYK)

Max Printing Resolution

720 X 2,400dpi

Max Printing Width

1,600mm

Printing Mode

Bi-Direction/Uni-Direction

Ink

Water Based Dye Sublimation

Yellow, Magenta, Cyan, Black

Ink Capacity

2.5L

Media

Media Drive

Roll to Roll

Max Media Width

1,620mm

Max Media Load

Diameter : 200mm, Weight : 30kg

Core Diameter Feeder

200mm, 3inch

Weight

Printer

370kg

Front Dryer

13kg

Printing Speed

2 Print Head

2pass

360 X 1,200dpi

76m²/h

3pass

360 X 1,800dpi

55m²/h

4pass

360 X 2,400dpi

52m²/h

8pass

720 X 2,400dpi

22m²/h

4 Print Head

2pass

360 X 1,200dpi

130m²/h

3pass

360 X 1,800dpi

95m²/h

4pass

360 X 2,400dpi

80m²/h

8pass

720 X 2,400dpi

40m²/h

Operational Environment

Temperature

Operating: 20°C~30°C

Humidity

Operating: 40~70%

*Enviromental influences can affect print quality.

Others

Rip Software

Ergosoft, Onyx, Caldera

Dimensions

Printing Machine

2,990(W) x 975(D)x 1,550(H) mm

Front Dryer

1,920(W) x 100(D) x 225(H) mm

Power

Printer

1.1kW 1Φ AC 220~240V, 5A

Front Dryer

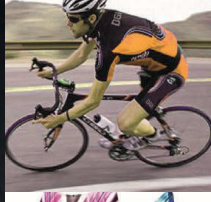
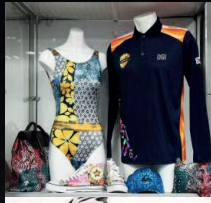
3kW 1Φ AC 220~240V, 14A



Soft Sign/Banner



Sports Wear



Fashion



Home Textiles

