EPSON
EXCEED YOUR VISION

SPECIFICATION SHEET

Monna Lisa™ 8000 Digital Direct-to-Fabric Printer

Monna Lisa Series

Digital Direct-to-Fabric

PRECISIONCORE PRINTHEAD



High-performance, attainable digital direct-to-fabric printing.

Built for productivity — all-new 4.7" PrecisionCore® printheads deliver beautiful, accurate prints at print speeds of up to 1,744 ft^2/hr^1

Breakthrough image quality — Epson® Precision Dot Technology and exclusive Micro Weave®, Multi-layer Halftoning and Lookup Table functions work together to reduce banding, graininess and degradation

Stable operation — with user-friendly features, including auto nozzle cleaning by fabric wiper, Nozzle Verification Technology, fluff blower, ink mist extraction system and more

Minimize downtime — Epson support and remote monitoring system allow for fast, easy troubleshooting

Versatile Epson GENESTA inks — print on a wide variety of fabrics, available with either Pigment, Reactive, Acid or Disperse ink; each ink pack is hot-swappable to allow for continuous printing

Easy operation — large, 9" touchscreen panel provides easy navigation and printer management; Epson Cloud Solution PORT for easy, remote fleet management tracking from smart devices

Full-service support and consulting — get support from dedicated teams and experts at Epson Textile Solution Centers

*Designed for use exclusively with Epson ink packs.**

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Printer

Printing Technology
Eight PrecisionCore MicroTFP drop-on-demand inkjet printheads with Nozzle Verification Technology
Ink Type GENESTA (Acid, Reactive, Disperse, Pigment); 8-color
Maximum Resolution 1200 dpi x 1200 dpi (Pigment), 1200 dpi x 600 dpi (Reactive, Acid, Disperse)
Droplet Technology Variable Droplet Technology
Maximum Print Width Up to 72.8" (1,850 mm)
Maximum Fabric Thickness 0.19" (5.0 mm)

Print Speed

Print Speed (ft^2/hr)[2]
Pigment/Reactive
3,358 (300 x 600 dpi, 1-pass)
1,744 (600 x 600 dpi, 2-pass)
1,163 (900 x 600 dpi, 3-pass)
Acid/Disperse
3,003 (300 x 600 dpi, 1-pass)
1,550 (600 x 600 dpi, 2-pass)
1,033 (900 x 600 dpi, 3-pass)

Fabric Handling

Fabric Handling Conveyor belt with adhesive
Belt Washing Automatic

Standard Feeder

Fabric Roll Diameter 15.7" (400 mm)
Fabric Roll Weight 220 lb (100 kg)
Fabric Roll Core Diameter 2" or 3"

Environmental Characteristics

Temperature
Operating: 68° F – 86° F (20° C – 30° C)
Operating (recommended): 72° F – 82° F (22° C – 28° C)
Humidity
Operating: 40% – 60% RH (non-condensing)

Electrical Specifications

Voltage
Main unit: 380 V ~ 415 V, 3 phases + Neutral + Ground
Frequency 50 Hz/60 Hz
Rated Current Main unit: 20 A
Power Consumption (Printing) Main unit: 5.5 kW

Certifications

Safety
Canada: CAN/CSA-C22.2 No. 301 Industrial Electrical Machinery, CAN/CSA C22.2 No. 0, ICES-003 Class A
USA: UL 2011 (Investigation Scheme for Machinery), NFPA 79 (Electrical Standard for Industrial Machinery), FCC Part 15 Subpart B, Class A

Network

Transmission Speed
USB 3.0, Ethernet 1000BASE-T

GENESTA Inks

Acid
Black, Cyan, Magenta, Yellow, Gray, Red, Blue, Cobalt, Orange, Rubine, Fluorescent Pink, Fluorescent Yellow, ACROSS (ink penetration fluid)
Reactive
Black, Cyan, Magenta, Yellow, Gray, Red, Blue, Orange, Crimson, ACROSS (ink penetration fluid)
Disperse
Black, Cyan, Magenta, Yellow, Gray, Red, Blue, Orange, ACROSS (ink penetration fluid)
Pigment
Black, Cyan, Magenta, Yellow, Gray, Red, Green, Orange
Ink Capacity 3 liters, 10 liters

Dimensions/Weight

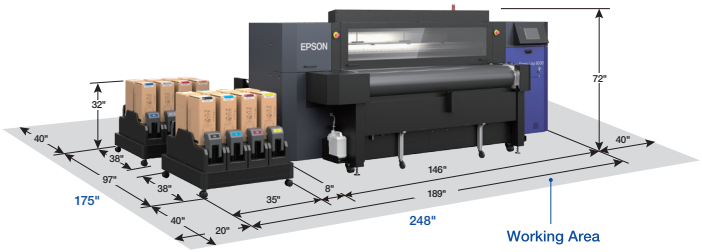
Dimensions (W x D x H)
Printer 146 in x 106 in x 72 in (3,700 mm x 2,690 mm x 1,830 mm)
Ink Grid (With 10 L Ink) 35 in x 38 in x 31 in (880 mm x 960 mm x 790 mm)
Weight
Printer Approx. 4,740 lb (2,150 kg)
Ink Rack (Not Including Ink) Approx. 243 lb (110 kg)

Eco Features

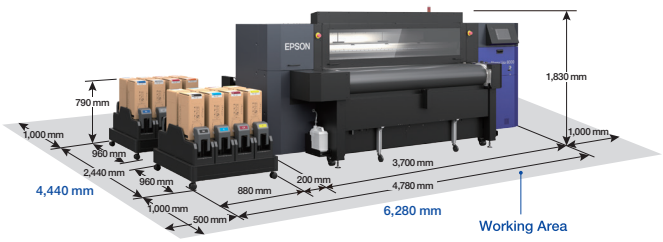
OEKO-TEX® ECO PASSPORT Certified
bluesign® Approved Acid ink only
GOTS Approved by ECOCERT Pigment and Reactive inks only
Other
RoHS compliant
Epson America, Inc. is a SmartWay® Transport Partner[3]

PRECISIONCORE PRINTHEAD

Monna Lisa 8000 Working Area Dimensions (Inches)



Monna Lisa 8000 Working Area Dimensions (Millimeters)



*This product uses only genuine Epson-brand packs. Other brands of ink packs and ink supplies are not compatible and, even if described as compatible, may not function properly or at all.

1 At 600 x 600 dpi, 2 pass, for Reactive/Pigment ink only. Printing width: 59 inches (1,500 mm); printing mode: bidirectional. Printing speeds vary depending on such factors as image printed, firmware version, operating state of PC and print settings. | **2** Printing width: 59 inches (1,500 mm); printing mode: bidirectional. Printing speeds vary depending on such factors as image printed, firmware version, operating state of PC and print settings. | **3** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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SmartWay Transport Partner
Getting There With Cleaner Air

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