

POSEIDON II (8 HEAD)_ Technical Note

Rev. 2023-11-24

Printing

Printer Head

KYOCERA 8 Heads

Ink Type

Water based Dye Sublimation

Number of Color

4/8

Max. Printing Resolution

600X1,200dpi

Max. Printing Width

1,820mm

Printing Mode

Bi-Direction/Uni-Direction

Ink

Water based Dye Sublimation (4 Color Double)

Yellow, Magenta, Cyan, Black

Water based Dye Sublimation (8 Color Single)

Yellow, Magenta, Cyan, Black

(Light Cyan, Light Magenta, F-Magenta, F-Yellow)

Ink Capacity

10L

Printing Speed (Speed Testing Width 1.5m)

Mode 1 2pass (4 Color Double / 8 Color Single)

345sqm/h / 195sqm/h

Mode 2 4pass

190~195sqm/h / 100~105sqm/h

Media

Media Drive

Roll to Roll

Maximum Media Width

1,850mm

Maximum Media Load I

Diameter : 800mm, Weight : 700kg (Unwinder)

Diameter : 400mm, Weight : 300kg (Winder)

Maximum Media Load II

50g 10,000m (Unwinder)

Core Diameter Feeder

200mm, 3inch

Operational Environment

Temperature

Operating: 22°C~28°C

Humidity

Operating: 55~70%

* Environmental influences can affect print quality.

Others

Rip Software

Ergosoft

Dimensions

Printing Machine (3,000m)

3,600(W) x 2,500(D) x 2,450(H) mm

Weight

Printing Machine

2,000kg

Electricity

Printing Machine

14kW 3Φ AC 380~415V, 21.3A