

Rho WT 250 HS

The new printer class in large format printing



The Rho WT 250 HS represents a new generation of printers incorporating Durst Water Technology. The system prints litho quality look and feel and odorless ink.

Durst Water Technology is highly suited for a range of POP/POS displays and in-store advertising applications. Durst Rho WT Inks are completely free of hazardous labeling and comply with the strictest health and safety regulations.

Key Technology

The Rho WT 250 HS system is equipped with recirculating Durst Quadro Array printheads and Rho WT Inks. This additional recirculation behind the nozzleplate of the printhead ensures open time and reliability. In order to achieve the litho quality look and feel, the odorless ink film is fixed, dried and sealed in one integrated process.



Technical Data

General specifications

Dimensions:

Rho WT 250 HS

Width: 5850 mm (213 in.)

Length with roll tables: 5100 mm (200 in.)

Length without roll tables: 2350 mm (93 in.)

Height: 1960 mm (78 in.)

Weight: approx. 3.900 kg

Safety Standards:

Complies with current CE guideline



Printing Specifications

Resolution:

1.000 dpi

Colors:

Standard: CMYK

Optional: Light Cyan, Light Magenta

Inks:

Rho WT Ink

Software/RIP:

Durst Rho Linux software for very fast processing with minimum storage capacity on the hard disk. External Caldera RIP Server (GrandRip+)

Maximum productivity

(on full width printing roll to roll):

Quality mode up to 120 sqm/h

Media Specifications

Maximum printing width:

2500 mm (8 ft.)

Maximum printing length:

only restricted by media length

Maximum thickness:

Standard: 40 mm (1.58 inch)

Industry-Version: 70 mm (2.57 inch)

3/4 Automation: 10 mm

Maximum media weight on belt:

Standard: up to 50 kg (110 lb)

Industrial Version: up to 70 kg (154 lb)

Smallest sheet size:

DIN A3 – 29,7 x 42 cm (12 x 17 in.)

Media types:

Fast absorbant coated and uncoated media (e.g.: corrugated paper, carton, paper)

Ambient conditions

Space requirement:

Min. 10 x 6 m (33 x 20 ft)

Maximum above sea level:

2.400 m (8.000 ft)

Temperature range:

+15°C bis +25°C (+59°F to 86°F)

non-condensing

Relative air humidity:

25 – 80 % non-condensing

The Durst logo, consisting of a horizontal bar with four colored segments (blue, orange, green, blue) above the word "durst" in a lowercase, blue, sans-serif font.

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