

Rho 600 Pictor Flatbed UV Inkjet Printer

The Rho 600 Pictor is a compact version of the Rho System. Utilising the same technology as other members of the Rho family, the Rho 600 Pictor is the first entry level, industrial standard, UV curing flatbed in the market.

The Pictor is particularly suited to the sign industry and smaller graphics houses which would like to make the most of the growing business sector of flatbed printing.

The Pictor prints up to 160 cm wide and has many of the same features as its larger family members. This includes Durst's own proven Quadro® Array printhead technology, which provides a print quality of the highest standard.

In fact, it offers an even higher resolution and is therefore ideally suited to printing small items typically produced by signage companies. This feature is further enhanced by special software which allows the printing of different small items alongside each other, maximising productivity and profitability.

Very compact in size, the rugged construction provides excellent durability and longevity. It is also able to be upgraded with additional printing features such as Durst's world leading white ink printing and selective varnish.



Technical data

General specifications

Dimensions:

Width: 380 cm (150 in.)
Length with tables opened:
290 cm (115 in.)
Length with tables closed:
230 cm (91 in.)
Height: 170 cm (67 in.)

Weight:

Approx. 1.700 kg (3.750 lb)

Safety standards:

Complies with currently valid guidelines

Printing specifications

Printing system:

Patented Durst flatbed system with Quadro® array technology for the finest quality and the highest speed

Resolution:

600 dpi

Colours:

Standard: CMYK

Optional: Light Cyan and Light Magenta, White, clear varnish for special effects, spot colours (on request)

Inks:

UV-curable pigment inks for interior and exterior applications.

Ink supply:

Integrated ink tanks with 10 litre capacity per ink, refillable during the printing process. The refill inks are in 5 litre, non-returnable containers, easily disposed in collapsed condition, thus avoiding pollution to the machine and the environment.

Software/RIP:

Durst Rho Linux software with on-the-fly image processing (scaling, pixel interpolation, cropping, panelling and further corrections) and on-the-fly dithering for very fast processing with minimum storage capacity on the hard disk. Integrated high performance Caldera RIP (CopyRip)

Productivity:

up to 25 m²/h (270 sq.ft./h)

Media specifications

Media types:

Wide range of uncoated and coated materials – also textured surfaces such as hard foam sheets, soft foam sheets, aluminium, acrylic glass, cardboard sheets, corrugated sheets, etc.

Maximum printing width:

160 cm (62 in.)

Maximum printing length:

Only restricted by media length

Maximum thickness:

40 mm (1.58 in.)

Maximum media weight on belt:

Up to 20 kg

Smallest sheet size:

DIN-A3 – 29.7 x 42 cm (12 x 17 in.)

Registration of materials:

Materials are registered at the leading edge by means of fibre optic sensors. An encoder measures the transport sequences, ensuring utmost precision in image alignment.

Location requirements

Space requirement:

min. 6 x 4 m (20 x 13.5 ft.)

Maximum height:

2.400 m (8.000 ft) above sea level

Temperature range:

+15 °C to +30 °C (+59°F to 86°F)
non-condensing

Relative air humidity:

25 - 80 %, non-condensing



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