

# Rho 600 Pictor

## Flatbed UV Inkjet Printer

The Rho 600 Pictor is a compact version of the Rho 600. 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: White, clear varnish for special effects, spot colours (on request)

### Inks:

UV-resistant 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, sharpness correction, cropping, panelling and further corrections) for very fast processing with minimum storage capacity on the hard disk.  
Integrated Cheetah PostScript Level 3 RIP (400 MB in approx. 1 min.)

### File formats:

- Grey levels CMYK, RGB and Lab TIFF
- Grey levels CMYK and RGB JPEG
- Windows Bitmap (BMP)
- PostScript Level 2/3, EPS (only Type 1 fonts)
- PDF
- RGB PPM raw format

### Productivity:

up to 25 m<sup>2</sup>/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:

2.4 m (8.0 ft)

### Temperature range:

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

### Relative air humidity:

25 - 80 %, non-condensing



## Durst Phototechnik AG

### Large Format Division

Vittorio-Veneto-Straße 59  
I-39042 Brixen, Italy  
Telefon +39/0472 81 01 11  
Telefax +39/0472 83 09 80  
www.durst-online.com  
info@durst.it

## Durst Phototechnik Digital Technology

### GmbH

Julius-Durst-Straße 11  
A-9900 Lienz, Austria  
Telefon +43/4852/7 17 77  
Telefax +43/4852/7 17 77 50  
www.durst-online.com  
info@durst-online.at

The latest technical developments are constantly being incorporated into Durst products. Illustrations and descriptions are therefore subject to modification. All rights reserved on images and illustrations.

© Durst Phototechnik AG, 09/2006