Durst Rho P10 160 Flatbed
The most versatile and productive, entry level industrial flatbed with proven P10 quality

The P10 160 UV inkjet printer offers unrivalled media flexible both in size and type and productivity is the same for rigid and roll material. As a result of Durst’s latest Quadro Array 10 printhead technology, the P10 160, like all other P10 models, provides unrivalled print quality whilst maintaining the high level of productivity. It is capable of printing up to 68 m² at 1000 DPI. With the best ink adhesion of any UV printer, media flexibility is further enhanced.

It combines compact, robust industrial design with production efficiency and reliability, making the Rho P10 160 a true industrial printer capable of uninterrupted production with minimum downtime. Its small footprint, fine art printing quality and flexibility offers printers, sign companies and graphic studios the opportunity of entering the profitable industrial large format inkjet market.

Engineered by Durst for versatility, reliability and performance the key benefits of the P10 160 flatbed include:

- Latest Durst Quadro Array 10 printhead technology for outstanding print quality without loss of speed
- Continuous printing process maximises productivity (no pauses for masking found in a table system)
- Mechanical front stops enabling parallel printing of boards side by side
- Perfect print registration on long boards due to mechanical front stops
- Roll to roll printing options
- Printing of light colours and process colour addition (orange and violet) without loss of speed
- Ease of use and fast maintenance optimises production efficiency
- Highest reliability in the market (24/7 production)
Technical Data

**General specifications**

**Dimensions:**
- Width: 390 cm (154 in.)
- Length: 105 cm (41 in.)
- Length with tables: 380 (150 in.)
- Height: 196 cm (67 in.)

**Weight:**
- Approx. 2000 Kg (lb)

**Printing specifications**

- **Resolution:**
  - 1000 dpi
- **Colours:**
  - Standard: CMYK
  - Optional: Light Cyan and Light Magenta, White, Process Colour Addition (PCA)
- **Inks:**
  - UV curable pigment inks for interior and exterior applications.
- **Software/RIP:**
  - Durst Rho Linux software for very fast processing with minimum storage capacity on the hard disk.
  - External Caldera RIP Server (CopyRip)
- **Productivity:**
  - Up to 68.5 m²/hour (915 sq.ft./hour) – continuous printing at full width

**Media specifications**

- **Maximum printing width:**
  - 160 cm (62 in), media dependent
- **Maximum printing length:**
  - Only restricted by media length
- **Maximum thickness:**
  - Roll to roll: up to 2 mm (0.07 in.)
  - Boards: up to 50 mm (1.97 in.)
- **Maximum media weight:**
  - Roll to roll: up to 50 kg (110 lb)
  - Boards: up to 50 kg (110 lb)
- **Smallest sheet size:**
  - DIN-A3 – 29.7 x 42 cm (12 x 17 in.)

**Ambient conditions:**

- **Space requirement:**
  - 5 × 5 m (16 × 16 ft.)
- **Max. sea level of installation:**
  - 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