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

The Rho 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 Rho 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 100 m²/h and 1000 dpi. With best ink adhesion, 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 Rho 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)
• Roll to roll printing option
• 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 (4.410 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 100 m²/hour (1100 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:
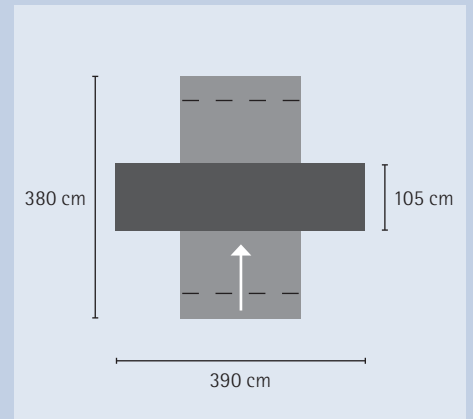Roll to roll: up to 2 mm (0.07 in.)
Boards: up to 40 mm (1.57 in.)

Maximum media weight:
Roll to roll: up to 20 kg (44 lb)
Boards: up to 20 kg (44 lb)

Smallest sheet size:
DIN-A3 – 29.7 × 42 cm (12 × 17 in.)

380 cm   105 cm

390 cm

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

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