

Rho 163 TS

Rho 163 TS HS

Technical Specifications

General specifications

Dimensions:

Width: 390 cm (154 in)

Length: 105 cm (41 in)

Length with tables: 380 cm (150 in)

Space requirement:

Approx. 6 x 6 m (20 x 20 ft)

Weight:

Approx. 2,000 kg (4400 lb)

Safety Standards:

Complies with current CE guideline

Printing specifications

Printing system:

Patented Durst Roll to Roll and Flatbed transport system with Quadro Array Technology

Resolution:

400 x 600 dpi (addressable)

Colors:

6 colors CMYKBR

Printing modes:

CMYKBR Workflow, System designed to print traffic and custom colors simultaneously

Inks:

3M[®] Piezo InkJet 8900UV Series Inks for regulated and custom color traffic applications

Ink supply:

Integrated ink tank with 2-Liter capacity per color, refillable during the printing process. The refill inks are available in 3 Liter quick connect containers, for ease of use and disposal.

Software/RIP:

Durst Rho user software, based on Linux; External Caldera RIP Server with GrandRIP+Software (optional available)

Productivity:**Rho 163 TS**

25.5 m²/hour (275 sq.ft./hour) on 1,220 mm (48 in) wide media in high quality mode for traffic sign production.
Up to 55 m²/hour (600 sq.ft./hour)

Rho 163 TS HS

51 m²/hour (550 sq.ft./hour) on 1,220 mm (48 in) wide media in high quality mode for traffic sign production
Up to 100 m²/hour (1,100 sq.ft./hour)

Media specifications

Media specifications:

3M[®] Diamond Grade[®] DG3 Reflective Sheeting 4090DS Series
3M[®] High Intensity Prismatic Reflective Sheeting 3930DS Series
3M[®] Advanced Engineer Grade Prismatic Reflective Sheeting 7930 Series

Maximum printing width:

Up to 160 cm (63 in)

Media weight:

Roll Media: max. 150 kg (330 lb)
Boards: max. 20 kg (44 lb)

Max. medium thickness:

Roll Media: 0,15 mm up to 2,5 mm
Boards: up to 40 mm (1,57 in)

Ambient conditions:

Maximum above sea level:

2,400 m (8,000 ft)

Temperature range:

+15 °C to +30 °C (+59°F to 86°F)

Relative air humidity:

25 - 80 %, non-condensing