

# Rho 163 TS

# Rho 163 TS HS

## Technical Specifications

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### General specifications

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#### 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

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#### 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:

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

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**Inks:**

3M<sup>®</sup> Piezo InkJet 8900UV Series Inks for regulated and custom color traffic applications

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**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.

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**Software/RIP:**

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

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**Productivity:****Rho 163 TS**

25.5 m<sup>2</sup>/hour (275 sq.ft/hour) on 1,220 mm (48 in) wide media in high quality mode for traffic sign production.  
Up to 55 m<sup>2</sup>/hour (600 sq.ft/hour)

**Rho 163 TS HS**

51 m<sup>2</sup>/hour (550 sq.ft/hour) on 1,220 mm (48 in) wide media in high quality mode for traffic sign production  
Up to 100 m<sup>2</sup>/hour (1,100 sq.ft/hour)

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**Media specifications**

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3M<sup>®</sup> Diamond Grade<sup>®</sup> DG3 Reflective Sheeting 4090DS Series  
3M<sup>®</sup> High Intensity Prismatic Reflective Sheeting 3930DS Series  
3M<sup>®</sup> Advanced Engineer Grade Prismatic Reflective Sheeting 7930 Series

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**Maximum printing width:**

Up to 160 cm (63 in)

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**Media weight:**

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

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**Max. medium thickness:**

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

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**Ambient conditions:**

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**Maximum above sea level:**

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2,400 m (8,000 ft)

**Temperature range:**

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+15 °C to +30 °C (+59°F to 86°F)

**Relative air humidity:**

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25 - 80 %, non-condensing