

# 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<sup>®</sup> 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 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)

---

**Media specifications**

---

**Media specifications:**

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

---

**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