Rho 2500 Series

Technical Specifications

**Space requirements:**
- Width: 8,252 cm (3,249 in)
- Length: 3,111 cm (1,225 in)
- Length with tables: 5,870 cm (2,310 in)
- Length Full Automation Industrial 210: 10,331 cm (4,067 in)

**Weight:**
Approx. 9,000 kg (19,800 lb)

**Safety Standards:**
Complies with current CE guideline

**Printing system:**
UV flatbed printing with Quadro Array technology

**Resolution:**
Up to 1,000 DPI

**Drop size modulation:**
Varidrop Technology

**Productivity:**
Continuous board printing over the full printing width of 250 cm:
- Rho 2500 L 6C: Up to 1200 m²/h (12,916 sq ft/h), Up to 380 boards per hour (board size 244 x 122cm)
- Rho 2500 M 6C: Up to 980 m²/h (10,548 sq ft/h), Up to 255 boards per hour (board size 244 x 122cm)
- Rho 2500 S 6C: Up to 710 m²/h (7.642 sq ft/h), Up to 195 boards per hour (board size 244 x 122cm)

**Colors:**
Standard: CMYK
Optional: Light Cyan, Light Magenta, White*
Upgrade option: White*, Light Cyan/Light Magenta
Upgrade option from S to M to L

**Inks**
RHO POP HS, RHO POP FLEXIBLE, Other ink types on request

* The White Printing Option allows to print white as underprint or overprint layer with the process colors in one process. In combination with the Color-White-Color-Software license it allows to print white as interlayer for day and night applications.

**Software**
Standard: Durst Printer Software, Durst Workflow & Durst Analytics
Optional: Color-White-Color, Spot Gloss, Option Media Thickness 70 mm, Dual Track, Autospooling

**Maximum printing width:**
Up to 250 cm (98 in), media dependent

**Maximum thickness:**
Standard 40 mm (1.57 in)
Optional 70 mm (2.75 in)

**Media weight:**
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Up to 50 kg (110 lb)

**Minimum board size:**
DIN-A3 – 29.7 x 42 cm (12 x 17 in)

**Options for optimized material handling:**
Full or ¾ automation, for single and dual track printing, HDR60 for printing rolls with a diameter of up to 60 cm (23.6 in) and up to 600 kg (1,322 lb) in double-sided roll printing, automated corrugated printing option for single and dual track