

Rho 2500 Series

Technical Specifications

Space requirements:

Width: 8,252 cm (3,249 in)
Length: 3,111 cm (1,225 in)
Length with tables: 5,870cm (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:

Variodrop 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:

media weight.

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
