

Rho 512R Plus/LED

Technical Specifications

Printing system:

Roll-to-roll transport system with Quadro® Array technology. Motorized adjustment of medium and printheads distance

Resolution:

Up to 1,200 dpi

Productivity:

Rho 512R: Boost mode up to 364 m²/h (3,918 sq ft/h)

Rho 312R: Boost mode up to 305 m²/h (3,250 sq ft/h)

Production mode with PO:

Rho 512R: 152 m²/h (1,636 sq ft/h) Rho 312R: 130 m²/h (1,400 sq ft/h)

UV Curing technology:

LED or arc bulb lamps

Colour options:

Standard: CMYK

Optional: Light Cyan, Light Magenta, Light Black, White, PCA inks on request

Inks:

Durst Roll LED, Rho Roll UV, Greenguard Gold certified

Ink refill identification system:

Integrated ink refill identification system to avoid wrong ink loading

Maximum print width:

Rho 512R: 500 cm (16.4 ft)

Rho 312R: up to 320 cm (10.5 ft)

Maximum material width:

Rho 512R: 520 cm (17 ft)

Rho 312R: up to 330 cm (10.8 ft)

Maximum Roll media diameter:

Rho 512R: 350 mm (13,7 in)

Rho 312R: Standard 350 mm (13.7 ft) Big Roll 540 mm (21.2 in)

Maximum material thickness:

2 mm (0.08 in) – material-dependent

Maximum roll weight:

Rho 512R: up to 270 kg (595 lbs)

Rho 312R: Standard 350 kg (770 lbs) Big Roll 480 kg (1.058 lbs)

Options:

Low-maintenance cutting device, multi-roll, double side printing, textile printing kit, CCD camera for double side registration for Rho 312R, Big Roll unwinder for Rho 312R, haptprint/spot gloss
