# Rho 512R Plus/LED
# Rho 312R 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 unwind for Rho 312R, haptprint/spot gloss
unwinder for Hano 312K, haptprint/spot gloss