

| | | VP-300 | VP-540 |
|----------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Printing method / Cutting method | | Piezo inkjet / Grit roller feed | |
| Printing & cutting width | | Maximum 736 mm (29 in.) (185 to 762mm) | Maximum 1,346 mm (53 in.) (185 to 1346mm) |
| Media Acceptable widths | Acceptable widths | 182 to 762 mm (7.2 to 30 in.) (210 to 736mm) | 210 to 1,371 mm (8.3 to 54 in.) (210 to 1371 mm) |
| | Acceptable thickness | 1.0 mm (39 mil) with liner, for printing Maximum 0.4 mm (16 mil) with liner and 0.22 mm (9 mil) without liner, for cutting | |
| | Acceptable diameter | 50.8 mm (2 in.) or 76.2 mm (3 in.) | |
| | Acceptable roll weight | Maximum 20 kg (44 lb.) | Maximum 30 kg (66 lb.) |
| Ink Cartridges Type | Type | Roland ECO-SOL MAX INK cartridges | |
| | Capacity | 220 or 440cc | |
| | Colors | Black, Cyan, Magenta, Yellow | |
| Printing Resolution | | Maximum 1440 dpi | |
| Setting range for the heater temperature | Pre-heater | 30 to 45 °C (86 to 112 °F) | |
| | Dryer | 30 to 50 °C (86 to 122 °F) | |
| Distance accuracy (When cutting) | | Error of less than ± 0.4% of distance traveled, or ± 0.3 mm, whichever is greater. When distance correction ([CALIBRATION] - [CUTTING ADJ.]) has been performed: error of less than ± 0.2 % of distance preformed, or ± 0.1mm, whichever is greater. | |
| Printing Speed | Billboard | 11 sq mt/h | 15 sq mt/hr |
| | High Speed | 8 sq mt/hr | 10 sq mt/hr |
| | Standard | 4 sq mt/hr | 5 sq mt/hr |
| | High Quality | 2.6 sq mt/hr | 3.0 sq mt/hr |
| | Highest Quality | 2.0 sq mt/hr | 2.5 sq ft/hr |
| Distance accuracy (When printing) | While the print heater and dryer are running | Error of less than ± 0.4% of distance traveled, or ± 0.5 mm, whichever is greater. | |
| | While the print heater or dryer are not running | Error of less than ± 0.3% of distance traveled, or ± 0.3 mm, whichever is greater. | |
| Cutting tool type | | Standard swivel-knife cutting blades (Roland CAMM - 1 blades) | |
| Cutting speed | | 10 to 300 mm/s | |
| Blade force | | 30 to 300 grams of force | |
| Blade offset compensation | | 0 to 1.5 mm (0 to 0.059 in) | |
| Repetition accuracy (When cutting) | | 0.1mm or less (excluding stretching / contraction of media) | |
| Repetition between printing and cutting | | Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media: ± 0.5 mm max. at 25°C (75°F) | |
| Interface | | Ethernet (10 BASE-T / 100 BASE - TX, automatic switching) | |
| Power-saving function | | Automatic sleep mode feature | |
| Power supply | Voltage and frequency | AC 100 to 120 V (± 10%) 50/60 Hz or AC 220 to 240 V (± 10%) 50/61 Hz | |
| | Required power capacity | 5.8 A (100 to 120 V) or 3.0 A (220 to 240 V) 8.3 A (100 to 120 V) or 4.3 A (220 to 240 V) | |
| Power consumption | Printing mode | Approx. 780 W Approx. 1,110 W | |
| | Sleep mode | Approx. 33 W Approx. 34 W | |
| Acoustic noise levels | Printing mode | Approx. 64dB (A) or less according to ISO 7779 | |
| | Sleep mode | Approx. 40dB (A) or less according to ISO 7779 | |
| Dimensions (with stand and ink tray support) | | 1,700 (W) x 1,000 (D) x 1,125 (H) mm [66.9 (W) x 39.4 (D) x 44.3 (H) in.] 2,310 (W) x 1,000 (D) x 1,125 (H) mm [90.9 (W) x 39.4 (D) x 44.3 (H) in.] | |
| Weight (with stand) | | 87.5 kg (193 lb.) | 109 kg (240 lb.) |
| Environment | Power on | Temperature from 15° to 32° C (59° to 90°F) with 20° C (68° F) or more recommended & humidity between 35 to 80% (non-condensing) | |
| | Power off | Temperature from 5° to 40 ° C (41 ° to 104 °F) & humidity between 20 to 80% (non-condensing) | |
| Items in the Box | | Printer stand, ink cartridge tray, power cord, media clamps, media flanges, blade, blade holder, replacement cutter blade, cleaning kit, RIP software and manuals. | |