

**BD Series**

# SMALL PRINTERS MADE FOR BIG IDEAS

PROFESSIONAL  
CUSTOMISATION

STARTER PRICE

EASY TO USE

**Customise 3D Objects**

- ▶ Print vibrant, detailed graphics and text directly on a vast array of 3D objects up to 102mm thick.
- ▶ Direct-print on a wide variety of materials, including plastics, paper, leather, and wood – even glass and metal with the onboard primer ink.
- ▶ Simple operation and included output and design software makes product customization easy– even for those with no prior print experience.

**High Print Quality**

- ▶ Advanced UV printing technology, including a high-definition printhead, for stunning graphics and detailed text.
- ▶ ECO-UV 5 inks produce vibrant graphics and unique effects while also being GREENGUARD Gold certified.
- ▶ Clear ink produces premium gloss and matte finishes that look amazingly lifelike.

**Affordable, Safe, and Reliable**

- ▶ Priced to suit the budgets of start-ups, home businesses, and smaller retail operations.
- ▶ Built-in fume extractor ensures optimum safety by filtering out fumes.
- ▶ Legendary Roland DG reliability, low maintenance, and world-class customer support.

## Additional Features

- + Compact design fits easily on your desktop— ideal for small home offices, retail shops, and maker spaces.
- + Included VersaWorks 7 professional output software and FlexiDesigner VersaSTUDIO Edition design software make design, operation, and production easier than ever.
- + Optional rotary accessory makes it possible to print fully around smaller cylindrical and curved objects, such as bottles, jars, and pens.
- + Access to the Roland DG Connect app provides you with a detailed understanding of your printer while helping to keep your devices running at optimum performance.

## Technical Specs

|  |                  | BD-8   | BD-12  |
|--|------------------|--|--|
| Printing method                          |                  | Piezo ink-jet method   |  |
| Dimensions (Width x Depth x Height)      |                  | 768 mm × 586 mm × 580 mm<br>(30.3 in. × 23.1 in. × 22.9 in.)   | 995 mm × 710 mm × 583 mm<br>(39.2 in. × 28 in. × 23 in.) |
| Weight                                   |                  | 61 kg (134.5 lb.)  | 80 kg (177 lb.)  |
| Maximum objects to be printed on         | Width            | Max. 240 mm (9.4 in.)  | Max. 335 mm (13.1 in.)                                   |
|  | Length           | Max. 178 mm (7 in.)  | Max. 240 mm (9.4 in.)                                    |
|  | Thickness        | Max. 102 mm (4 in.)  |  |
|  | Weight           | Max. 3 kg (6.6 lb.)  | Max. 5 kg (11 lb.)                                       |
| Maximum printing width / printing length |                  | Max. 210 mm × 148 mm (8.2 in. × 5.8 in.)   | Max. 305 mm × 210 mm (12 in. × 8.2 in.)                  |
| Ink                                      | Type             | ECO-UV (EUV5) 220 ml cartridges  |  |
|  | Colour           | Five colors (cyan, magenta, yellow, black, and white) plus primer or gloss   |  |
| Ink-curing unit                          |                  | Built-in UV-LED lamp   |  |
| Printing resolution (dots per inch)      |                  | Max. 1,440 dpi   |  |
| Connectivity                             |                  | Ethernet (100BASE-TX/1000BASE-T, automatic switching)  |  |
| Power-saving function                    |                  | Automatic sleep feature  |  |
| Rated input                              |                  | 100–240 VAC 50/60 Hz 1.1 A   | 100-240 VAC 50/60 Hz 1.2 A                               |
| Power consumption                        | During operation | Approx. 90 W   | Approx. 100 W  |
|  | Sleep mode       | Approx. 30 W   | Approx. 40 W   |
| Acoustic noise level                     | During operation | 59 dB (A) or less  | 60 dB (A) or less  |
|  | During standby   | 52 dB (A) or less  | 55 dB (A) or less  |
| Environment                              | During operation | Temperature: 20°C to 32°C (68°F to 89.6 °F)(22 °C [71.6 °F] or higher recommended)<br>Humidity: 35% RH to 80% RH (no condensation) |  |
|  | During standby   | Temperature: 5°C to 40 °C (41°F to 104 °F)<br>Humidity: 20% RH to 80% RH (no condensation)   |  |
| Included items                           |                  | Power cord, cleaning liquid, User's Manual, software (FlexiDESIGNER VersaSTUDIO Edition, VersaWorks, Roland DG Connect), etc.      |  |