VersaSTUDIO
SIGN MAKER BN-20

Make a Lasting Impression with VersaSTUDIO
With a Roland VersaSTUDIO BN-20 20-inch inkjet printer/cutter, the possibilities are endless. This powerful, yet compact printer includes everything you need to print and cut high quality durable graphics right at your desktop. Add stunning metallic effects, perfect for premium brands. Display your graphics indoors or out for lasting impact. A complete low-cost solution, the BN-20 is a great investment for your growing business.

Heat Transfers for Apparel
Right at your desktop, you can print quality heat transfers and contour cut them into any shape for stylish results. Apply Metallic Silver ink for hundreds of striking metallic color effects.*

POS and POP
With the BN-20, you can produce POP displays in unique shapes and colors that attract attention and drive retail sales. Create a single POP or an entire campaign, profitably, with all the convenience of our easy-handling 220cc ink cartridges.

Explore a World of New Applications Right at Your Desktop.

Cut Vinyl Signage
From pinstriping for vehicles and motorcycles to window signs and displays, contour cutting is essential to your production workflow. The BN-20 allows you to cut vinyl signs using a wide variety of fonts*. The BN-20 supports TrueType and OpenType fonts.

Labels and Decals for Outdoor Display
The BN-20 comes with award-winning Roland ECO-SOL MAX ink for outdoor signs, labels and decals. Graphics are easy to produce and durable up to three years outdoors without lamination.** The BN-20 also supports water-based Roland FPG inks for exceptional indoor graphics.*

A Complete Solution
The BN-20 allows you to print graphics up to size A2 or 480 mm wide (18.9”), including crop marks for easy finishing. Featuring its own print management and design software, the BN-20 is a complete business solution in a box.

Print&Cut Versatility Outdoor Durable Inks Metallic Effects

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* Metallic silver ink should only be used on garments as a spot color as mixing it with other colors will negatively impact washability.
** Three-year outdoor durability is based on accelerated weather tests conducted by Roland DG. Outdoor durability may vary depending on the location and application. Some applications, including vehicle graphics, may require lamination.
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Durable Inks Metallic Effects

Cell Phone and Laptop Wraps

Roland Print&Cut versatility allows you to print and digitally die cut graphics in one seamless workflow for custom labels and decals, including cell phone skins, laptop wraps and more.

Posters

Using Metallic Silver ink, you can add luxurious accents and premium value to posters and photographic reproductions.

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**R-Works** Easy-To-Use Roland Design Software Included

**R-Works** allows you to immediately start designing graphics for the BH-20, even if you do not have any design software of your own. With R-Works, you can quickly import commercially-available stock photos or personal photos taken with a digital camera. Create original layouts with text and graphics for custom T-shirts, labels and decals.

**Roland Professional Print Management Software Included**

Roland supports Adobe Illustrator®, CorelDRAW® and other design software packages. Choose from a wide variety of layout functions includes scaling, cropping, rotating, auto layout and titling to optimize your print media. Roland also features Roland Color System Libraries for accurate color matching of traditional and metallic colors, and variable data printing which allows you to efficiently create a series of signs, labels and name badges in which the text and graphics change from one print to the next.

### Specifications

**Printing technology**

- Printhead: Piezo-electric inkjet
- Printer size: 595.3 x 841.9 mm
- Print resolution: 1440 dpi
- Number of colors: 5 (CMYK + metallic silver)
- Print head: 3888 dots per inch (dpi)
- Print style: Continuous, Variable data

**Media**

- Maximum roll width: 1,100 mm
- Maximum roll length: 1,000 mm
- Media types: Various types of paper, digitally printed paper, die-cut vinyl, adhesive vinyl, backlit vinyl, and more

**Ink cartridges**

- Inks: ECO-SOL MAX® Ink, ECO-SOL MAX® Ink 2, ECO-SOL MAX® Ink 3
- Number of ink colors: 6
- Ink capacity: 220 cc per cartridge
- Ink density: 500 g/m²

**Software RIP (Roland VersaWorks®)**

- RAM: 2 GB or more

**Power off**

- Power consumption: 4.2 A (20 A max)
- Power connection: 230 V (50 Hz)
- Power on: 4.2 A (20 A max)
- Power off: 4.2 A (20 A max)

**Connectivity**

- USB: USB 2.0 A (500 MB/s)
- Audio: 5.1 channel

**Control panel**

- LCD display: 7.1 in.
- Control buttons: 11 buttons

**Environmental**

- Operating temperature: 20°C to 32°C (68°F to 90°F)
- Operating humidity: 35% to 80% RH
- Storage temperature: -20°C to 50°C (-4°F to 122°F)
- Storage humidity: 30% to 90% RH

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**About Metallic Silver Ink**

Roland DG products that feature this environmental label meet the company’s criteria for environmental consciousness, a set of standards based on ISO 14021 self-declaration type H. For more information, please visit www.rolanddg.com.

Roland reserves the right to make changes in specifications, materials or accessories without notice. Actual output and other data may vary. For optimum output quality, periodic maintenance to critical components may be required. Please contact your Roland dealer for details. No guarantee or warranty is implied other than expressly stated. Roland is not liable for any incidental or consequential damages, whether foreseeable or not, caused by defects in such products.