

Roland[®]

VersaSTUDIO BN-20

Desktop Eco-solvent Inkjet Printer/Cutter

Turn your
desktop into a
profit center.





Superior Image Quality Through State-of-the-Art Print Technology

The VersaStudio BN-20 utilizes state-of-the-art advanced printhead technology to print stunning graphics on apparel, stickers, decals, signs, and more. The 8-channel printhead prints up to 1440 dpi using variable droplet technology with seven precise drop sizes to optimize image quality. The gold-head reduces static, preventing clogging, and a patent-pending wiper system decreases wear and tear on the printhead and prolongs its life by reducing buildup. Roland Intelligent Pass Control Technology delivers exceptional quality prints with smoother gradations, richer density and deeper image saturation for photographic and vector output.

Four Different Ink Choices Including Metallic Silver or White Ink

The BN-20 offers a choice of Eco-Sol MAX ink configurations. Four-color (CMYK) is the best choice for standard process color inkjet printing. CMYK+Metallic offers increased versatility and premium value. Metallic Silver can be printed as a spot color, or combined with CMYK to produce hundreds of striking metallic and pearlescent colors. CMYK+White opens the door to applications that require printing on clear or reflective substrates. CMYK aqueous ink, is also available for the BN-20. This high-density water-based ink creates brilliant colors and excellent print quality, perfect for short-term indoor applications.

Eco-Sol MAX offers fast drying time, high density, wide color gamut, rugged scratch resistance and low cost per square foot. MAX is virtually odorless, and graphics are water and UV resistant up to 3 years outdoors* without lamination. It's also environmentally friendly. Eco-Sol Max ink has received GREENGUARD Gold (2818) Certification from Underwriters Laboratories for low VOC emissions of volatile organic compounds (VOCs) into indoor air.

Print and Cut in One Integrated Workflow

VersaStudio streamlines the production process by automatically contour cutting printed graphics, eliminating the need to reload and reposition graphics. For laminated graphics, our Quadralign® four-point optical registration system allows users to remove prints, laminate and simply reload them for precision cutting.

Included VersaWorks 6 RIP Software

You can effortlessly manage your print output on the BN-20 with the latest edition of the world's most popular RIP software. In addition to all the cropping, tiling, nesting, color libraries and other popular features, it includes improved speed and file handling, five print queues, and hot folders with unlimited queue settings. It also provides a simplified new drag-and-drop interface that allows you to instantly transfer files from your desktop to your print queue.

Roland OnSupport Online Production Assistance

Roland OnSupport online production monitor enables remote tracking of production so you can get an e-mail when ink is low or a job is finished. Roland OnSupport users can also quickly download firmware updates and important product information.





Durable printing, contour cutting, metallic ink. Everything you'd never expect in a desktop inkjet.

We've taken everything that makes a Roland great and packed it into one powerful, profit-producing package. Truly affordable. Remarkably versatile. One device that can print and cut an incredible variety of jobs on a full spectrum of media. Everything from stickers, decals, labels, t-shirt transfers, photo prints, posters and small format signage to eye-popping awards and vehicle graphics. All from your desktop.

In today's market, there's a big need for small-run, high-margin work. Custom print/cut jobs need to be performed on demand without a large investment in equipment. The VersaStudio BN-20 was designed to meet that need and pay for itself in no time.

“My BN-20 paid for itself in just three weeks.”

Shawn Lyons, The T-Shirt Makers, Inglewood, CA

VersaSTUDIO BN-20
20" PRINTER/CUTTER





VERSASTUDIO BN-20 • 20" ECO-SOLVENT INKJET PRINTER/CUTTER

- Integrated print/cut capabilities
- Photo-realistic printing up to 1440 dpi
- State-of-the-art printing technology
- Roland Intelligent Pass Control™ technology for unparalleled image quality at the highest print speeds
- New wiper system to prolong life of the printhead, minimize maintenance, and improve image quality
- Desktop footprint
- Choice of three Eco-SOL ink configurations and one four color Aqueous
 - > 5 Color CMYK + Metallic Silver
 - > 5 Color CMYK + White
 - > 4 Color CMYK
 - > 4 Color FPG Aqueous ink also available

- Easy loading media system
- R-Works™ design software included
- VersaWorks 6 RIP Software included
- Roland OnSupport software for remote production tracking available for download
- One-Year Trouble-Free Warranty



Roland Certified Media for the BN-20 is available at www.rolanddgastore.com

PRODUCT SPECIFICATIONS

MODEL	VersaStudio BN-20	
Print resolution	Maximum 1440 dpi	
Printing/cutting width	Maximum 18.9 in (480 mm)	
Acceptable media	Width/thickness	5.9 to 20.3 in (150 to 515 mm) / Maximum 16 mil (0.4 mm) with liner and 9 mil (0.22mm) without liner
	Media roll weight	Max. weight 13.2 lbs (6 kg)
	Roll/core diameter	Max. outer diameter 8.3 in (210mm) / Core diameter: 2 in (50.8mm) or 3 in. (76.2mm)
Ink cartridges	Roland Eco-Sol MAX ink / FPG Aqueous ink	
Capacity	5 cartridges: 220 ml ± 5 ml	
Color	5 Colors ([Eco-Sol MAX] Cyan, Magenta, Yellow, Black, Metallic Silver), 5 Colors ([Eco-Sol MAX] Cyan, Magenta, Yellow, Black, White) 4 Colors ([Eco-Sol MAX] Cyan, Magenta, Yellow, Black) OR 4 Colors ([FPG Aqueous] Cyan, Magenta, Yellow, Black)	
Cutting force/offset	30 to 300 gf / Fixed offset	
Connectivity	USB 2.0	
Power-saving function	Automatic sleep feature	
Power supply	AC 100 to 240±10 %, 7.2 A, 50/60 Hz	
Dimensions	39.2 (W) x 23 (D) x 11.5 (H) in (995 (W) x 585 (D) x 291 (H) mm)	
Weight	77 lbs (35 kg)	

Specifications subject to change

* Outdoor durability is based on accelerated weather tests. Results may vary depending upon location and application. Dry times vary depending on specific media characteristics. Lamination may be required for some applications or environmental conditions.

Roland DSA Corp. has licensed the MMP technology from the TPL Group.

Imagine.  Roland

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