

Print and Cut

Roland VersaSTUDIO BN-20



Bringing Print and Cut to the Desktop



The Versa STUDIO BN-20 Metallic Configuration is the only print and cut machine to be DIRECTLY CONTROLLED from 2D Design V2

VersaSTUDIO in Education

The VersaSTUDIO BN-20 is what design departments have been waiting for! A neat desktop machine which delivers durable, high-quality print results then (for lighter media) cuts out the design in one seamless operation. TechSoft are delighted to introduce this breakthrough in print and cut technology from Roland DG.

The VersaSTUDIO BN-20 is (in effect) two machines in one. As a large-format printer, it uses advanced Eco-Sol inkjet technology so low-odour, high quality and durability is assured. As a knife-cutter VersaStudio BN-20 has all the capability and features of the hugely popular Roland CAMM 1 range. Both features are controlled from 2D Design and output can be print only (for banners or posters), cut only (for vinyl media, stencils, etc.) or print-and-cut (for printed stickers, labels and custom graphics). For packaging work, you will need our specially formulated 'Printable Card for Eco-Sol Inks' (see page 43) and for this, output is best handled in two operations. Thicker media needs more time to let the print dry (whilst drying the machine can of course be used to print other jobs) so best results are achieved by printing with crop marks, allowing drying time and then cutting using BN-20's optical registration system.

Materials and Applications

TechSoft supply a wide range of media for the BN-20 so production can target a broad customer base. For textiles, heat-transfer media can be printed in vibrant colour and then contour-cut ready for heat pressing to the garment. As a wide format printer, the BN-20 is a valuable, versatile resource for creating banners, posters and artwork.

The BN-20 will handle media up to 505mm width so will be ideal for producing batch runs of vinyl graphics from roll material. In-house production of window signage, promotional stickers, vehicle wraps and floor graphics has never been easier or so affordable. A2 media capability, of course, makes the BN20 ideal for printing card packaging nets. Once dry, the same machine will then cut and score (or crease) the card for perfect results.



Merit Stickers in vinyl



Print and Cut Packaging



Vinyl stickers on a 3D printed prototype



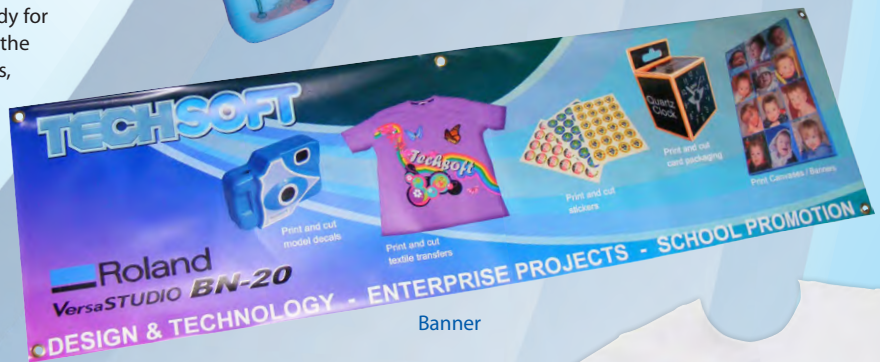
Vinyl Stickers on a window



Peelable Vinyl



Vinyl graphic decoration



Banner



Canvas Print



Print and Cut Packaging



Iron-on Vinyl logo

VersaSTUDIO BN-20



Compact print-and-cut technology for superb results and maximum versatility. Large format-printing and CNC knife-cutting capability in a neat, desktop package.

Specification

| | |
|--------------------|----------------------------|
| Print Resolution: | Max. 1440dpi |
| Print Ink: | Eco-Sol |
| Max Print Width: | 480mm |
| Max Cutting Speed: | 150mm/s |
| Interface: | USB |
| Dimensions: | 995(W) x 585(D) x 291(H)mm |
| Weight: | 35kg |

Stand for BN-20



If desk space is at a premium, this robust stand will securely support the VersaSTUDIO BN-20 while providing a clear path for the printed media to escape. The stand features powder coated steel components for a long life and smart appearance.

Stand Specification

| | |
|-------------|----------------------------|
| Dimensions: | 780(W) x 530(D) x 840(H)mm |
| Weight: | 12kg |

Workstation Package



A smart and robust TechSoft workstation containing space for a PC and storage for the materials needed for convenient operation of the BN-20. Integral wiring and sockets deal with cable management so mains connection is by a single 13A plug. Mounted on locking castors it provides a portable plug-and-play resource.

Workstation Specification

| | |
|-------------|------------------------------|
| Dimensions: | 1400(W) x 800(D) x 850(H) mm |
| Weight: | 350kg |

Printing Card Packaging Nets

Print and Cut card packaging is a two stage process direct from 2D Design. Print the card together with registration marks, allow to dry, then re-insert into the BN-20 to score (or crease) and cut.



Should I Choose the Metallic Configuration?

The BN-20 delivers superb print quality using CMYK ink technology and if desired, metallic silver. Metallic silver print resembles polished-chrome and overprinting in colour adds a further dimension, shining through to give any number of stunning pearlescent or metallic effects.

On purchase, you must decide whether you need Metallic Silver ink, as the machine is factory configured accordingly. A BN-20 configured for Metallic Silver cannot be re-configured for other colours (or vice-versa), so choose carefully!

N.B. A third option, a white ink configuration, is also available on request for output from Roland VersaWorks, but the direct File > Print routine from 2D Design V2 is not available with this.

What's Included

Software

Roland R - Works Software (basic design software)
 Roland VersaWorks Software (print management software)
 Windows Printer Driver

Warranty

UK Mainland & Ireland: 1 Year On-Site
 Elsewhere: 1 Year Return and Collect

Prices £*

*See Pricing Information on page 2

VersaSTUDIO Machines

| | | |
|-----------------------|---|--|
| MP3-VERSA-BN20 | Roland VersaSTUDIO BN-20 4 Colour Configuration (inc 5 cartridges - 1 black, 1 cyan, 2 magenta and 1 yellow) | |
| MP2-VERSA-BN20 | Roland VersaSTUDIO BN-20 5 Colour Metallic Configuration (inc 5 cartridges - 1 black, 1 cyan, 1 magenta, 1 yellow & 1 metallic silver) | |
| MP8-VERSA-BN20 | BN-20 4 Colour Configuration Workstation Package. Includes Machine, 5 cartridges (1 black, 1 cyan, 2 magenta, 1 yellow), TechSoft Workstation with cupboards and in-built sockets, drawers, shelves and storage space for computer (see page 205). | |
| MP7-VERSA-BN20 | BN-20 5 Colour Metallic Configuration Workstation Package. Includes Machine, 5 cartridges (1 black, 1 cyan, 1 magenta, 1 yellow & 1 metallic silver), TechSoft Workstation with cupboards and in-built sockets, drawers, shelves and storage space for computer (see page 205). | |

Recommended Extras

| | | |
|------------------|--|--|
| TF-WS3-C2 | TechSoft Workstation for Knife Cutting (see page 205). | |
| RL-STAND2 | Stand for BN-20 | |

Recommended Materials

See details of this pack on page 47, and our full range of materials on pages 40 - 47

| | | |
|-----------------|---|--|
| TPM-BN20 | Mixed Materials Pack for BN-20 <i>Save £10</i> | |
|-----------------|---|--|

Accessories

See details of these cutters and our full range of accessories on pages 48 - 49

| | | |
|-----------------|--------------------|--|
| TA-CMC | Carbide Cutter x 1 | |
| TA-CMC-5 | Carbide Cutter x 5 | |

Recommended Software

2D Design V2 (page 12), 2D PCB (page 14)