Roland

VersaSTUDIO
DESKTOP INKJET PRINTER/CUTTER

BN-20D

A COMPLETE DIRECT-TO-FILM SYSTEM YOU CAN COUNT ON

VARIABLE DOT CONTROL

AFFORDABLE, EASY-TO-USE SOLUTION

UNSURPASSED RELIABILITY

DTF A Better Direct-to-Film Solution

- The BN-20D offers simple operation, outstanding print quality, and legendary Roland DG reliability. A complete DTF solution including S-PG inks, S-F164 film, and S-POWDER (each sold separately).
- Provides a simple process for customizing apparel and accessories with eye-catching graphics – including detailed images and text – without weeding or masking.
- Dependable, consistent performance and low maintenance requirements minimize downtime and optimize productivity. Comes with world-class Roland DGA service/support and a One-Year Trouble-Free Warranty.

PF Performance Features

- Ink delivery and recirculation advancements for increased reliability, vivid color, and greater white opacity for printing on light- and dark-colored garments.
- Variable dot control produces droplets of seven different sizes for superior detail, photographic reproduction, gradations, and contrast.
- Included Roland VersaWorks 6 RIP software boasts a HARLEQUIN RIP dual core engine, intuitive drag-and-drop functionality, efficient processing of complex PDF, EPS and PS files, Roland Color System and PANTONE libraries, and other useful tools and features.

Superior Output

- The BN-20D Direct-to-Film System lets you print detailed images and fine lines that would be difficult, or even impossible, to weed using vinyl. Transferring even complex designs/images and intricate text is quick and easy.
- Knocking out the backgrounds in the design and using the garment color as the background creates a soft, natural hand to the transfer.
- Transferable onto both light and dark fabrics, including not only cotton, but also polyester, cotton polyester, denim, nylon, rayon and more to produce a wide variety of garments.

Additional Features

+ S-F164 Film is available in 20-inch rolls to maximize productivity. The BN-20D can also accommodate various roll sizes from third-party manufacturers (ranging from as small as 6.7 inches up to 20.3 inches), giving customers the flexibility to use the solution that works best for their specific business needs.
+ With the BN-20D, making the switch from direct transfer printing to CAD Cut vinyl cutting requires just a few clicks of the mouse in VersaWorks 6. There's even a "Job Assistant" function that can be used as an added convenience feature for creating contour cut lines directly in the RIP when a PDF file is being used.

Technical Specs

		BN-20D
Printing method		Piezoelectric inkjet / Grit roller feed
Acceptable media	Width/thickness	150 to 515 mm / Maximum 0.4 mm with liner and 0.22 mm without line
	Media roll weight	Max. weight 6 kg
	Roll/core diameter	Max. outer diameter 150 mm / Core diameter: 50.8 mm or 76.2 mm
Ink	Ink technology	Pigment
	Capacity	220 ml cartridge
	Colors	5 Color – CMYK+Wh (Cyan, Magenta, Yellow, Black, White)
Cutting speed/blade force		10 mm/s to 150 mm/s / 30 to 300gf
Connectivity		USB 2.0
Printing resolution		Maximum 1440 dpi
Power-saving function		Automatic sleep feature
Power supply		AC 100 to 240±10 %, 1.0 A, 50/60 Hz
Printer Dimensions		1009 W x 582 D x 293 H mm / 36 kg
Included items		Power cord, USB cable, blade, blade holder, User's Manual, etc.
Maintenance	Wiper	User replaceable
	Felt Wiper	User replaceable
	Manual Cleaning	Every day after the end of the workday
Consumables (DTF)	Film	S-F164 film
	Powder	S-Powder
	Cleaning liquid	CJ-CL

Roland