## *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 customising apparel and accessories with eye-catching graphics – including detailed images and text – without weeding or masking.

▶ Dependable, consistent performance and low maintenance requirements minimise downtime and optimise productivity. Comes with a 1 Year Heads N' All Warranty..

### PF — Performance Features

▶ Ink delivery and recirculation advancements for increased reliability, vivid colour, and greater white opacity for printing on light- and dark-coloured 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 colour 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.

Get more details at **rolanddg.com.au/bn20d**

## Additional Features

+ S-F164 Film is available in 20-inch rolls to maximise 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 |
| | Colours | 5 Colour – 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 | Cap Top | User replaceable |
| | Cap Top Replacement Sequence | Start from utility |
| | 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 |