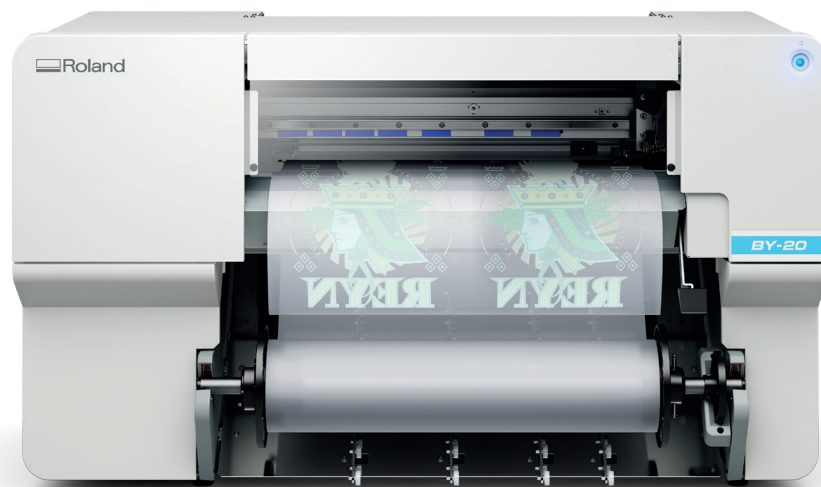


A Fresh Way to Make an Impact

**PROFESSIONAL
QUALITY****EASY TO USE****COMPACT &
AFFORDABLE****DTF** Professional DTF Graphics

- ▶ A complete desktop direct-to-film system for creating vivid customised apparel and accessories with no weeding required.
- ▶ Compact, powerful BY-20 DTF printer consistently delivers vibrant, detailed, high-resolution graphics and text.
- ▶ Roland DG offers all the necessary DTF system components, including the BY-20 printer, inks, powder, and transfer film (each sold separately).

**Simple to Operate**

- ▶ Simple operation makes it easy to achieve professional-grade results, even for those with no prior printing experience.
- ▶ After pressing the power button, all other operations – from printer setup and maintenance to sheet cutting – can be performed with the intuitive utility software.
- ▶ The BY-20 direct-to-film process requires just four steps: simply print to film, apply powder, melt powder and heat press.

SP Starter Price

- ▶ While the BY-20 is a professional-level desktop DTF printer, it's priced to suit the budgets of those just getting started with apparel and accessory decoration.
- ▶ The BY-20 comes bundled with design and output software that users would normally have to purchase separately, further strengthening the value proposition.
- ▶ Roland DG Connect app allows you to gain a detailed understanding of your entire print operation while helping to keep your device running at optimum performance.

Additional Features

- + The BY-20's design lets you perform every operation, from media setup and ink loading to maintenance, at the front of the device, allowing for a streamlined workflow and easy printer placement.

+ The BY-20 features an integrated contour cutter, so in addition to its DTF printing capabilities, it can also be used to create heat transfer graphics.
- + The BY-20 direct-to-film printer can be easily integrated with popular shaker and heater units, for an automated DTF system.

+ Ethernet compatibility allows print data to be sent and maintenance instructions to be given, even from remote locations within the same network.

Technical Specs

| | | VersaSTUDIO BY-20 |
|------------------------|---------------------|---|
| Printing method | | Piezo ink-jet method |
| Dimensions | | 1,069 x 617 x 622 mm (42.1 x 24.3 x 24.5 in.) |
| Weight | | 62 kg (137 lb.) |
| Media | Width | 150 to 515 mm (5.91 to 20.2 in.) |
| | Thickness | Max. 1.0 mm (39.3 mil) with liner, for printing Max 0.4 mm (15.7 mil) with liner and 0.22 mm (8.6 mil) without liner, for cutting |
| | Roll outer diameter | Max. 150 mm (5.9 in.) |
| | Roll weight | Max. 6 kg (13.2 lb.) |
| | Core diameter | 76.2 mm (3 in.) or 50.8 mm (2 in.) |
| Printing/cutting width | | Max. 480 mm (18.89 in.) |
| Ink | Type | S-PG inks in 220 ml cartridges |
| | Colours | Cyan, Magenta, Yellow, Black, White |
| Resolution | | Max. 1,440 dpi |
| Cutting speed | | 10 to 150 mm/s (0.39 to 5.9 in/s) |
| Connectivity | | Ethernet (100BASE-TX/1000BASE-T, automatic switching) |
| Power-saving function | | Automatic sleep feature |
| Rated input | | 100-240 Va.c. 50/60 Hz 2.1 A |
| Power consumption | During operation | Approx. 185 W |
| | Sleep mode | Approx. 27 W |
| Acoustic noise level | During operation | 62 dB (A) or less |
| | During standby | 60 dB (A) or less |
| Included items | | Dedicated stands, power cord, media take-up unit, media holders, replacement blade for separating knife, User's Manual, software (FlexiDESIGNER VersaSTUDIO Edition, VersaWorks, Roland DG Connect), etc. |