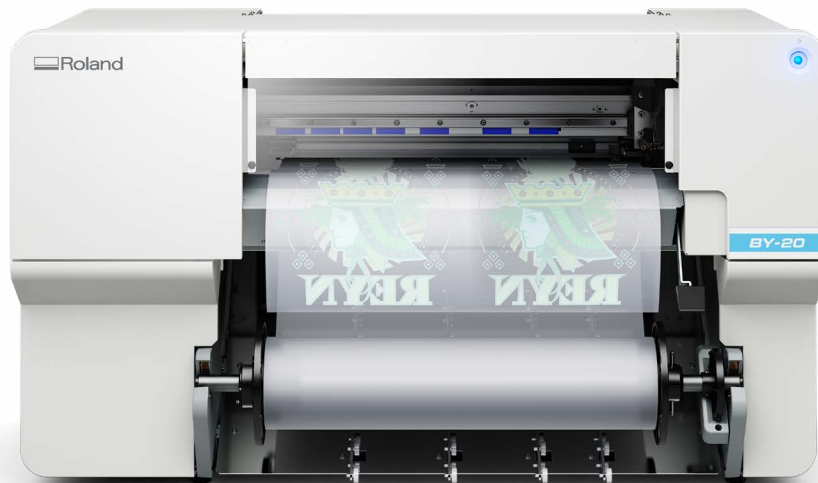


## **BY-20** **DIRECT-TO-FILM PRINTER**

# 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.
- ▶ Free access to 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 direct-to-film printer can be easily integrated with popular shaker and heater units, for an automated DTF system.
- + 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.
- + Ethernet compatibility allows print data to be sent and maintenance instructions to be given, even from remote locations within the same network.

## Technical Specs

		<b>BY-20</b>
<b>Printing method</b>		Piezo ink-jet method
<b>Dimensions</b>		1,069 x 617 x 622 mm (42.1 x 24.3 x 24.5 in.)
<b>Weight</b>		62 kg (137 lb.)
<b>Media</b>	<b>Width</b>	150 to 515 mm (5.91 to 20.2 in.)
	<b>Thickness</b>	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
	<b>Roll outer diameter</b>	Max. 150 mm (5.9 in.)
	<b>Roll weight</b>	Max. 6 kg (13.2 lb.)
	<b>Core diameter</b>	76.2 mm (3 in.) or 50.8 mm (2 in.)
<b>Printing/cutting width</b>		Max. 480 mm (18.89 in.)
<b>Ink</b>	<b>Type</b>	S-PG inks in 220 ml cartridges
	<b>Colours</b>	Cyan, Magenta, Yellow, Black, White
<b>Resolution</b>		Max. 1,440 dpi
<b>Cutting speed</b>		10 to 150 mm/s (0.39 to 5.9 in/s)
<b>Connectivity</b>		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
<b>Power-saving function</b>		Automatic sleep feature
<b>Rated input</b>		100-240 Va.c. 50/60 Hz 2.1 A
<b>Power consumption</b>	<b>During operation</b>	Approx. 185 W
	<b>Sleep mode</b>	Approx. 27 W
<b>Acoustic noise level</b>	<b>During operation</b>	62 dB (A) or less
	<b>During standby</b>	60 dB (A) or less
<b>Included items</b>		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.