

VersaStudio BY2-20

DTF Printer

From design to print, without guesswork

Built for consistent, dependable DTF production



COMPACT DTF SYSTEM

INTEGRATED SOFTWARE

STANDALONE CUTTING



Reliable day-to-day DTF
production

Controlled ink delivery and stable printhead performance support dependable output.

Dual white ink configuration helps maintain density and clarity across longer runs.

Automated maintenance functions help reduce downtime and support stable production.



Connected design-to-print
workflow

Roland DG Connect Designer supports artwork preparation, cleanup and print-ready file setup..

VersaWorks 7 manages colour, white layers and transparent PNG production workflows.

Automated media adjustment supports accurate alignment and reduces skew in output.



Versatile apparel and graphics
options

Produce transfers for cotton, polyester, denim, nylon, rayon and blended fabrics.

Support DTF printing and standalone cut applications from one compact device.

Produce graphics for T-shirts, sportswear, bags, HTV jobs and textile applications

Additional Features

- + Compact production-ready design supports efficient installation in retail, studio and small-scale production environments.
- + Roland DG Connect supports printer monitoring, maintenance tracking and operational status visibility remotely.
- + S-PG2 inks support sharp detail, strong white coverage and reliable wash durability across apparel graphics.
- + Standalone cutting supports lettering, numbering, HTV graphics and additional cut-only production workflows.

Technical Specs

		BY2-20
Printing method		Piezo ink-jet method
Dimensions		1,069 mm × 787 mm × 622 mm (42.09 in. × 30.99 in. × 24.49 in.)
Weight		66 kg (145.51 lb.)
Media	Width	150 to 515 mm (5.91 to 20.27 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 (13.22 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8 mm (2 in.)
Printing/cutting width ¹		Max. 480 mm (18.89 in.)
Ink	Type	S-PG2 INK 220 ml or 500 ml cartridge
	Colors	Five colors (cyan, magenta, yellow, black, and white[x2])
Resolution		Max. 1,440 dpi
Cutting speed		10 to 150 mm/sec (0.4 to 5.9 in./sec)
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Rated input		100-240 VAC, 50/60 Hz, 2.1 A
Power consumption	During operation	Approx. 185 W
	Sleep mode	Approx. 32 W
Acoustic noise level	During operation	62 dB (A) or less
	During standby	60 dB (A) or less
Included items		Power cord, media holders, replacement blade for separating knife, User's Manual, Software (VersaWorks, Roland DG Connect), etc.

1. The length of printing or cutting is subject to the limitations of the program