

TY-300

NEXT-GENERATION DIRECT-TO-FILM PRINTING

Performance. Productivity. Profits.



OUTSTANDING PRINT QUALITY

OPTIMUM PERFORMANCE

SIMPLE OPERATION



Vibrant, Detailed Prints

- ▶ Create bold, vivid prints with ultra-fine detail for transfer to almost any type of fabric.
- ▶ Exclusive DTF inks optimise print performance and are Oeko-Tex Eco Passport Certified.
- ▶ True Rich Color 3 presets ensure colour vibrancy, neutral grays, smooth gradations, and natural skin tones.



Maximum Productivity

- ▶ Reliable, precise, and efficient for fast performance and minimal downtime.
- ▶ Stable, high-quality printing at speeds that are up to 45% faster than competitive models.
- ▶ Superior ink efficiency and a host of convenience features streamline workflow and increase production.



Easy to Use, & Cost Effective

- ▶ Unmatched ease of use, automatic maintenance features, and low operating costs.
- ▶ Color LCD touch panel and included user-friendly RIP software make operation simple.
- ▶ Automatic printhead cleaning, advanced white ink circulation, and “DIY” part replacement for easy maintenance.



The TY-300 is part of Roland DG's full DTF solution, with RIP software, DTF film and powder, and an optional shaker/heater unit for automated DTF transfer production.

Additional Features

- + The TY-300 printer integrates seamlessly with leading DTF powder/shaker units. Or, you can bundle it with Roland DG's tested/approved shaker oven (sold separately) which connects to the printer and delivers the highest level of quality, productivity, and performance.
- + Perforated sheet cut saves time and effort by integrating perforations directly into your prints.
- + In addition to the TY-300's advanced automated maintenance features, manual cleaning has been made easier with a new head nozzle refresher tool that effectively cleans the printhead surface.
- + Access to Roland DG Connect allows you to seamlessly manage your entire print operation from a single app. It provides you with a detailed understanding of your printers while keeping devices running at peak performance, reducing downtime, and maximising efficiency.

Technical Specs

		TY-300
Printing method		Piezo ink-jet method
Dimensions		2,032 mm × 748 mm × 1,415 mm (80 in. x 29.5 in. x 55.8 in.)
Weight		135 kg (298 lb.)
Media	Width	182 to 762 mm (7.2 to 30 in.)
	Thickness	Max. 1.0 mm (39.3 mil) with liner for printing, Max. 0.4 mm (15.7 mil) with liner and 0.22mm (8.6 mil) without liner for cutting
	Roll outer diameter	Max. 250 mm (9.84 in.)
	Roll weight	Max. 30 kg (66.1 lb.)
	Core diameter	76.2 mm (3 in.) or 50.8mm (2 in.)
Ink	Type	S-PG2 INK 500 ml cartridge
	Colours	Five colours (cyan, magenta, yellow, black, and white) (2 cartridges)
Printing width		Max. 736 mm (28.9 in.)
Resolution		Max. 1,200 dpi
Connectivity		Ethernet (100BASE-TX/1000BASE-T, automatic switching)
Power-saving function		Automatic sleep feature
Rated input		100-120 / 220-240 Vac 50/60 Hz 6.4/3.0 A
Power consumption	During operation	Approx. 840 W
	Sleep mode	Approx. 70 W
Acoustic noise level	During operation	63 dB (A) or less
	During standby	58 dB (A) or less
Environment	During operation	20 to 28°C (68 to 82.4°F), Humidity: 40 to 60% RH (no condensation)
	Not operating	5 to 40 °C (41 to 104°F) , Humidity: 20 to 80 % RH (no condensation)
Included items		Dedicated stand, Power cord, Media holders, Separating knife, Replacement blade, Cleaning liquid, Drain bottle, User's Manual, Software, (VersaWorks, Roland DG Connect), etc.