Roland

DIRECT-TO-FILM PRINTER

TY-300

DTF PRINTING FOR REAL PRODUCTION

Continuous operation. Exceptional results.

CONTINUOUS PRODUCTIVITY

PROVEN RELIABILITY

COLOR CONSISTENCY

Built for Uninterrupted Output

- Prints up to 17.48 m^2/h in high-speed mode — up to 45% faster than comparable models.
- Four white ink channels enable cartridge swaps mid-run to eliminate stoppages.
- Fewer production pauses help keep output consistent across long, high-volume print jobs.

Engineered for Everyday Dependability

- Constructed on Roland DG's trusted chassis and component architecture.
- Automated and guided maintenance keep the system stable day to day.
- Roland DG Connect provides live monitoring and performance insights.

Consistent Results Across Every Fabric

- Multiple color settings available for optimal balance, with vivid Colors and natural gradients.
- Smooth transitions and strong whites proven through internal print testing.
- S-PG2 inks and powder certified by OEKO-TEX® ECO PASSPORT for safe retail and apparel applications.

The TY-300 is part of Roland DG's complete DTF solution, combining RIP software, certified DTF inks and powder, for reliable, production-ready results.

Additional Features

+ The TY-300 printer integrates seamlessly into Roland DG's complete DTF workflow, ensuring reliable production from print to transfer. Every component is designed to work together for consistent color, dependable performance, and efficient day-to-day operation.

+ Internal testing shows no fading or cracking after 50 washes, giving you stronger long-term durability than competitor models.

+ Automated maintenance sequences and a new nozzle refresher tool reduce manual cleaning while maintaining consistent print quality. These features simplify operation and ensure stable, repeatable performance throughout production.

+ Roland DG Connect gives you a complete overview of your production environment, helping you monitor printer performance, schedule maintenance, and minimise downtime. With real-time insights and guided workflows, you can maintain maximum efficiency and output consistency with ease.

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		136 kg (300 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 cartridges
	Colors	Five Colors (cyan, magenta, yellow, black, and white ×4 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	Temperature: 20 to 28°C (68 to 82.4°F), Humidity: 40 to 60% RH (no condensation)
	Not operating	Temperature: 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.

Promoted and Supported by: APSOM Infotex Ltd.
For more information please contact: Ph.: +91-8178343337, email: info@apsom.com | www.apsom.com
Corporate Office: C-56/47, Institutional Area, Sector 62, Noida, U.P-201307.
APSOM
Better, To grow with