

PRINTERS

ROLAND DG TY-300i

DIRECT-TO-FILM COMMERCIAL PRINTER

KEY INFO

- Prints up to 188.2 sq ft/hr in high-speed mode — up to 45% faster than comparable models.
- Vivid, accurate CMYK + four White ink channels for uninterrupted output
- Automated and guided maintenance keep the system stable day-to-day.
- Seamlessly manage your entire print operation from Roland DG Connect app
- Automated and guided maintenance keep the system stable day-to-day.
- S-PG2 inks and powder certified by OEKO-TEX® ECO PASSPORT for safe retail and apparel applications.

OVERVIEW

The ROLAND DG TY-300i is part of a complete DTF solution engineered for uninterrupted and production-ready output. By combining RIP software, certified inks, and powder, the ROLAND DG TY-300i delivers consistent results across every fabric. Built on a trusted chassis, it reaches speeds up to 188.2 sq ft/hr with a 1,200 dpi resolution. Its architecture guarantees stable day-to-day operation in demanding environments.

SPECIAL FEATURES

The ROLAND DG TY-300i features four white ink channels that allow mid-run cartridge swaps to eliminate pauses. The ROLAND DG TY-300i incorporates automated maintenance and a nozzle refresher tool to reduce manual cleaning. Live monitoring via Roland DG Connect helps schedule upkeep and maintain efficiency. Its S-PG2 inks provide smooth transitions, dense whites, and exceptional wash durability.

WORKFLOW & SUPPORT

The ROLAND DG TY-300i is the heart of a complete Direct-to-Film (DTF) solution from Roland DG, combining the TY-300i DTF printer with VersaWorks® RIP software, premium-quality Roland DG inks, film, and powder, as well as Roland DG Care support to maintain consistency in color, detail, and uptime. Its inks are ECO PASSPORT certified by OEKO-TEX®, ensuring safe applications for apparel and retail use, with prints that remain vibrant and crack-free after 50 washes according to internal testing.



SALES CHANNEL

DEALER

WARRANTY

1-YR

FACTS & SPECS

Model	TY-300i
Printing Method	Piezo Inkjet
Weight	300lbs / 136kg
Media Width	7.2-30in / 182-762mm
Media Thickness	0.04in / 1mm
Roll Weight	Max 66lbs / 30kg
Core Dia.	3in or 2in / 76.2mm or 50.8mm
Ink Type	S-PG2 500ml Pouch
Colors	5 (CMYK+4W)
Max. Print Width	29in / 736mm
Resolution	1200 dpi
Connectivity	Ethernet
Power Saving	Auto Sleep
Power	100-120V / 220-240V
Consumption	Op: 840W / Sleep: 70W
Operation Temp	68-82F / 20-28C
Dims	80 in x 29.5 in x 55.8 in

SPECIAL REQUIREMENTS

Requires 20 to 28°C temperature, 40 to 60% humidity.

Ethernet connectivity, and 100-120V/220-240V.

AC power with 840W operational power consumption.

FOR ADDED INFORMATION

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