

TY-300

NEXT-GENERATION DIRECT-TO-FILM PRINTING

Performance. Productivity. Profits.



OUTSTANDING PRINT QUALITY



Vibrant, Detailed Prints

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

OPTIMUM PERFORMANCE



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.

SIMPLE OPERATION



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 DGA'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 maximizing efficiency.

Technical Specs

| | | TY-300 |
|-----------------------|---------------------|--|
| Printing method | | Piezo ink-jet method |
| Dimensions | | 80 in × 29.5 in. × 55.8 in. (2,032 mm × 748 mm × 1,415 mm) |
| Weight | | 298 lb. (135 kg) |
| Media | Width | 7.2 in. to 30 in. (182 mm to 762 mm) |
| | Thickness | Max. 39.3 mil (1.0 mm) with liner for printing, Max. 15.7 mil (0.4 mm) with liner and 8.6 mil (0.22 mm) without liner for cutting |
| | Roll outer diameter | Max. 9.84 in. (250 mm) |
| | Roll weight | Max. 66.1 lb. (30 kg) |
| | Core diameter | 3 in. (76.2 mm) or 2 in. (50.8 mm) |
| Ink | Type | S-PG2 INK 500 ml cartridge |
| | Colors | Five colors (cyan, magenta, yellow, black, and white) (2 cartridges) |
| Printing width | | Max. 28.9 in. (736 mm) |
| 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 | 68 to 82.4°F (20 to 28°C), Humidity: 40 to 60% RH (no condensation) |
| | Not operating | 41 to 104°F (5 to 40 °C) , 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. |



Built to build your business and engineered to a higher standard, the TrueVIS TY-300 is supplied with a One-Year Trouble-Free Warranty for added peace-of-mind.