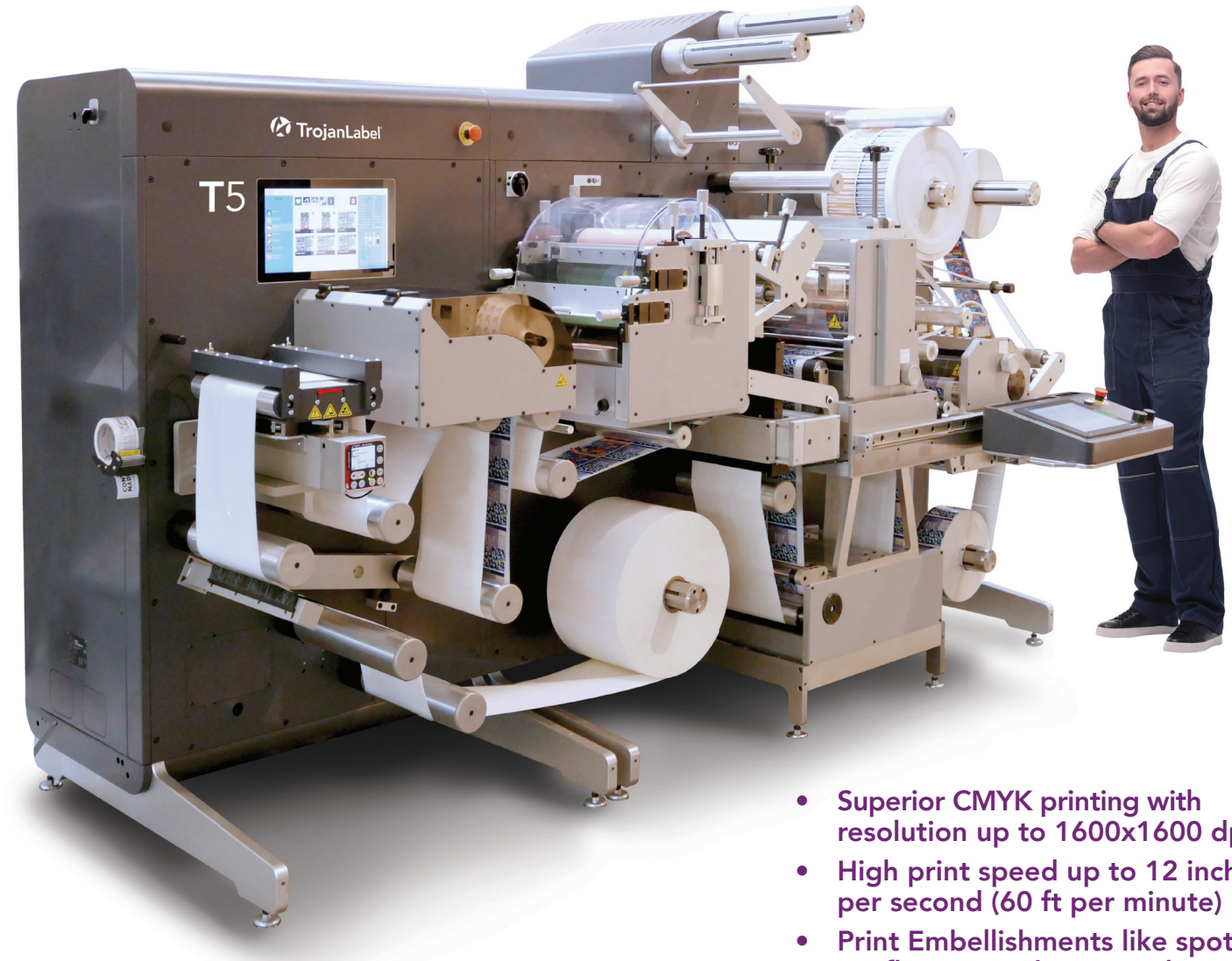
T5

TrojanLabel®

Advanced Full-Print In-Line Digital Color Label Press and Finishing System



An all-in-one digital print and finish in-line labeling solution, the **T5** is a high-production label printing and converting solution for the professional printing market.

Featuring enhancements such as spot and SUPERgloss varnish, lamination, slit & rewind, and optional cold foil application for silver, gold, and metallic decorative accents, all in one single compact platform, the **T5** is a high-performance unit perfect for professional printers and large brand owners.

- **Superior CMYK printing with resolution up to 1600x1600 dpi.**
- **High print speed up to 12 inches per second (60 ft per minute)**
- **Print Embellishments like spot UV flexo varnish, super-gloss and cold-foil**
- **Intuitive operator-friendly digital front end interface**
- **Small footprint with short web path to minimize waste**
- **RIP software available for color matching, workflow and variable data needs**
- **Remote support and diagnostics**

Technical Specifications

Operation - Press

Ink Type	High Performance water-based dye ink Four 2-liter tanks CMYK
Print Resolution	1600 x 800 dpi or 1600 x 1600 dpi
Print Speed	6 ips (150 mm/sec) or 12 ips (300 mm/sec)
Print Area	Width: 2"– 8.8" (51 mm – 223 mm) Length: 0.4" - 60" (15 mm - 1525 mm) Finishing Length: 2"– 22" (50 mm – 558.8 mm)
Media Sensors	Web guide system
Connectivity	Ethernet 10/100
Driver	Microsoft® Windows 10, 8, 7; Windows Server® 2012, 2008, 64/32-bit drivers
Software	TrojanControl Software; Microsoft Windows® 2012, 2008, 64/32-bit drivers

Operation - Finishing

Web Width	2" – 13" (50 mm – 330 mm)
Substrate	50 - 200 microns (2-8 pt)
Die Station	Semi-rotary speed: 42.6 ips (65 m/min) Full-rotary speed: 47,2 ips (72 m/min) Die plate size (repeat): 2"– 22" (50 mm – 558.8 mm)
Unwinder/ Rewinder	**Unwinder:** Max Dia 27.6" (700 mm) Core Dia 3"(76.2mm) or 6"(152.4mm) **Rewinder:** Max Dia 19.7" (500 mm) Core Dia: 3" (76.2 mm)
Slitting Station	Knife Type: Pneumatic crush, smart crush, shear or razor Minimum distance shear: 0.4" (10mm)
Touchscreen	15.6" touchscreen

Maintenance

Maintenance Cartridge	Maintenance tray with replaceable modules (wiper roller/printhead cap)

Flexo Station

Print cylinder size	9-19" (228-482.5mm) Spot varnish option with digital sensor control and slow run

Print Quality

TrojanRIP	Optimized color match Global or spot color adjustment Easy color replacement

Environment & Physical

Conditions for Operation	68 F - 95 F (20 C to 35 C) printing, 59 F - 95 F (15 C to 35 C) finishing only at RH 22 to 80% (non-condensing)
Conditions for Storage	23 F to 122 F (-5 C to 50 C) at RH up to 85%, non-condensing at 149 F (65 C)
Power Requirements	Y 3W+N+PE 400V 50Hz 32A - min. 350mA RCCB (HPFI)
Air Supply	6 bar 20L/min. Tube dimension ø8mm
Dimensions	117" W x 78" H x 60" D (2969 mm x 1980 mm x 1515 mm)
Touchscreen	15.6" touchscreen
Weight	2000 kg (4410 lbs)

Supplies

Ink Tanks	2 Liter, individual CMYK tanks
Ink Type	Natura™ ink, high durability, extreme water fastness and good UV light resistance, food-safe ink.
Label Width	2" – 13" (50 mm – 330 mm)
Length Die-cut	2" - 22" (50mm - 558.8mm)
Thickness	4 pt/mil to 12 pt/mil
Roll Size	Unwind - Core: 3" (76 mm) Max. OD: 27.6" (700mm) Rewind - Core: 3" (76 mm) Max. OD: 19.7" (500mm)
Types	Paper, Inkjet coated gloss paper, PE, PET, PP, Tags

Warranty

One-Year Manufacturer's Parts & Labor Warranty (excludes wear parts and supplies)

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