T3-OPX
The Next Generation Overprinting Solution

TrojanLabel®
An AstroNova Company

A next-generation overprinting system, the **T3-OPX** offers eXtended print area, eXtended resistance to the elements, and eXtended printhead life. Enabling high-quality, full-color printing directly onto materials with ink-receptive surfaces such as cardboard, postcards, boxes, paper bags, wooden planks or thicker objects like blister envelopes and folded boxes ready for shipment, the **T3-OPX** uses pigmented inks that provide superior durability and have been tested for optimized lightfastness, water durability, and scratch resistance.

Designed for 24/7 production, the **T3-OPX** mounts on host systems with runs up to 18 ips; automatically adjusting for variances in speed, timing, and spacing. With brilliant automized height calibration and stable, high-quality production, the **T3-OPX** delivers ROI to businesses by easily expanding products and services to attract new and current customers with private labeling for seasonal or promotional events.

Versatile and easy-to-use, it provides a perfect solution for label converters, print shops, manufacturers, contract packaging solutions, and secondary label logistic partners.

- **Height print speed up to 18 inches per second (90 ft/min)**
- **Superior print resolution up to 1200 dpi**
- **Print width up to 11.7"**
- **Automized calibration of print height (up to 100mm)**
- **Full-color printing (CMYK)**

Technical Specifications

Operation

Ink Type	Pigmented ink, 4 Individual CMYK cartridges
Print Resolution	1200 x 1200 dpi
Print Speed	Up to 18 ips (27 m/min)
Print Area	Width: 11.7" (297 mm)
Media Sensors	Optical TOF sensor, adjustable position Pressure sensor for height control
Connectivity	802.3 LAN (10/100/1000) Ethernet port
Drive	32/64-bit, Windows 10, 8, 7, 32-bit Windows XP, Windows Vista
Software	TrojanControl Software RIP

Environment & Physical

Printer Operation	Operation 15° to 30° C (59° to 86° F) Transport –40° to 60° C (–40° to 140° F) Relative humidity 20 to 80% Altitude 0 to 3048 m
Power Requirements	100-240V AC – 50/60 (9A power supply)
Print Unit Dimensions	Width: 20.4" (518 mm) Length: 20.3" (516 mm) Height: 11" (290 mm) (excluding height adjustable bracket)
Weight	44 lbs. (20 kg)
Media cleaning unit dimensions	Width: 18" (457.5 mm) Length: 6" (154 mm)
Media cleaning unit weight	8 lbs (3.5 kg)
Touchscreen	15.6"
Optional Accessories	Conveyor table, various media guides, feeding table, Catch tray, RIP work flow, color management software, Artwork designer software (manage variable data)

Supplies

Ink Cartridges	C: 238 ml M: 233 ml Y: 225 ml K: 498 ml ISO pages: K: 20.000 pages CMY: 16.000 pages
Ink Type	Pigmented aqueous inks

Supplies

Maintenance	Replaceable service tray
Average drop volume	10 pl K, 8.5 pl CMY

Maintenance

Types	Uncoated Paper, Card board, paper board
Width	Depends on transport/installation 23.6" (600 mm) (standard table) 39.3" (1000 mm) (wide table)
Length	35.5" (902 mm)
Thickness	0 – 4" (0 – 100 mm) automatic height calibration

MailTable 1 Standard

Speed	Up to 18 ips (27 m/min)
Power requirements	100-240V AC – 50/60 Hz (2.5A power supply)
Dimensions	Width: 24.6" (626 mm) (includes Emergency step) Length: 59.3" (1507 mm) Height: 35" – 23.4" (892 mm – 595 mm)
Support material width	23.6" (600 mm)
Suction	5 fans adjustable speeds

MailTable 1 Wide

Speed	Up to 18 ips (27 m/min)
Power requirements	100-240V AC – 50/60 Hz (2.5A power supply)
Dimensions	Width: 40.3" (1026 mm) (includes Emergency step) Length: 79" (2007 mm) Height: 35" – 23.2" (890 mm – 590 mm) (5 positions)
Support material width	39.4" (1000 mm)
Suction	5 fans adjustable speeds
Belts	8

TrojanLabel®