T2-PRO
Digital Label Press

T2-PRO is a digital label press targeted towards high volume industrial and professional printing market. With a high print resolution of 1600 x 1600 dpi and highly durable aqueous pigment inks, its compact footprint makes it an ideal roll-to-roll machine for any size print shops and label converters. It is capable of printing on continuous or pre die-cut media and can handle industrial size label rolls (330 mm wide with 600 mm OD). Setting up is quick and easy; a short media path and long-lasting printheads result in the best total cost of ownership for all aqueous inkjet technologies. A high-capacity data pipeline supports real-time variable data printing to support serialization and customization needs.

- **High print speed up to 30 inches per second (46 m/min)**

- **Superior print resolution 1600 dpi x 1600 dpi**

- **Print width up to 12.75" (324 mm)**

- **Large capacity roll sizes (up to 600 mm OD)**

Technical Specifications

Operation

Ink Type	High Durability Aqueous Pigment Inks Four 2-liter tanks CMYK
Print Resolution	1600 x 954 dpi at 30 ips (46 m/min) or 1600 x 1600 dpi at 18 ips (27 m/min)
Print Speed	Up to 30 ips (46 m/min)
Print Area	Max. Print Width: 12.75" (324 mm) Length: 27.95" (710 mm)
Media Sensors	- Combined Gap and Black mark sensor - Web guide media edge sensor - Integrated media cleaning unit
Connectivity	802.3 LAN Ethernet port, Serial Ports I/O
Front End	Digital Front End User Interface with 24" TouchScreen
Software	Two RIP Modes available: - Internal RIP with Astro Application - External RIP (Xitron) with AstroX Application

Additional Features	- Splice table with built-in clamps, laser
	  engraved ruler for easy positioning
	- Pneumatic core lock spindles with web
	  brakes
	- Automatic slitters - engage or disengage
	  via user interface
	- Aerosol extraction system

Environment & Physical

Conditions for Operation	59° F to 95° F (15° C to 35° C) at RH 20 to 80% (non-condensing) Recommended: 74° F (23° C)
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	90-264 VAC - 47-63 Hz 17A /115VAC | 10A | 230VAC
Air Requirement	6 bar
Dimensions	Height: 55.9" (1420 mm) Width: 59" (1500 mm) Depth (Display flat): 37.4" (950 mm) Depth (Display extended out): 53.9" (1370 mm)
Touchscreen	24" Touchscreen Display
Weight	1450 lbs (658 kg)

Supplies

Ink Type	High Durability Aqueous Pigment Inks
Label Width	Up to 13" (330 mm)
Thickness	Up to 25 mil (0.025")
Roll Size	Core: 3" (76 mm) Max. OD: 23.6" (600 mm)
Types	- Coated Paper/PP/PET Matt - Coated Paper/PP/PET Gloss - Uncoated Paper - Other media types need to be validated

Maintenance

Printhead Maintenance	Wiper motion system (vacuum), microfiber wiper, and user replaceable wiper cartridge
Aerosol Extraction System	Replaceable filters
Web Cleaning	Integrated web cleaner with automatic engage and disengage
Waste Ink	Waste ink tank with Float Sensor

![AstroNova logo]

QuickLabel®   **GetLabels™**   **TrojanLabel®**