

# T2-L



## Industrial-Grade Flexible Packaging Press



Designed for on-demand printing for flexible packaging, the **T2-L** is the world's first narrow format, industrial quality, water-based inkjet press.

Equipped with in-line heat-seal, cold lamination, and a static eliminator, the **T2-L** is the first of its kind in the flexible packaging industry. To seamlessly print and pack, the **T2-L** produces high-resolution, water-fast, durable images with Natura™ food-safe inks, and easily accommodates variable data, small runs, or 24/7 production, eliminating unnecessary material waste.


For optimal performance with the Natura ink, the **T2-L** is compatible with an extensive portfolio of qualified, flexible packaging materials for a variety of products, including food.

- High print speed up to 300 mm per second (18 m per minute)
- Superior print resolution up to 1600 dpi
- Print width 50 mm to 210 mm
- World's first narrow format flexible packaging, water-based inkjet press



# Technical Specifications


## Operation

|                         |   |
|-------------------------|---|
| <b>Ink Type</b>         |  High Performance water-based dye ink<br>Four 2-liter tanks CMYK |
| <b>Print Resolution</b> | 1600 x 1600 dpi full color  |
| <b>Print Speed</b>      | Print only: 9 m/min (6 ips) or<br>18 m/min (12 ips)<br>Print and laminate: 9 m/min (6 ips)  |
| <b>Print Area</b>       | Width: 51 mm – 222.5 mm (2" – 8.8")<br>10 mm (0.4") – 1525 mm (60") or<br>unlimited stitched  |
| <b>Media Sensors</b>    | Optical tracking edge sensor reflective<br>mark sensor, Adjustable position<br>Black mark sensor, Gap sensor<br>and continuous                    |
| <b>Connectivity</b>     | 802.3 LAN (10/100) Ethernet Port  |
| <b>Driver</b>           | Microsoft® Windows 10, 8.1, 8, 7,<br>Windows Server® 2012, 2008, 64/32-bit<br>drivers   |
| <b>Software</b>         | TrojanControl Software RIP  |

## Environment & Physical

|   |  |
|---|--|
| <b>Conditions for Operation</b>                 | Between 20° C to 35° C (68° F to 95° F)<br>recommended, at RH 22 to 80%<br>(non-condensing)  |
| <b>Conditions for Storage</b>                   | Between -5°C and +50°C (between 23°F<br>and 122°F) at RH up to 85%,<br>non-condensing at 65°C (149°F)  |
| <b>Power Requirements</b>                       | 100-240V AC – 50/60 Hz   |
| <b>Power Consumption</b>                        | 400W (at peak operation)   |
| <b>Dimensions</b>                               | 1500 mm x 916.5 mm x 1591 mm<br>(59" L x 36" W x 62" H)  |
| <b>Touchscreen</b>                              | 15.6" touchscreen  |
| <b>Weight</b>                                   | 470 kg (1036 lbs.) without supplies and<br>shipping  |
| <b>Lamination Components (Load &amp; Apply)</b> | 7.2 kg (15.9 lbs.) without supplies  |
| <b>Optional Accessories</b>                     | Slitter for die-cut labels (3 knives) (not when<br>the lamination module is installed)<br>Exit feeder for inline placement<br>RIP workflow/ Color management software<br>Label designer software<br>(manage variable data) |

## Supplies

|                             |   |
|-----------------------------|---|
| <b>Ink Tanks</b>            |  Natura ink: High performance, water-<br>based dye inks with extra wide color<br>gamut that produces true-to-life color |
| <b>Label Width</b>          | 51 mm – 245 mm (2" – 9.65")   |
| <b>Label Length Die-Cut</b> | 15 mm – 1525 mm (0.6" – 60")  |
| <b>Thickness</b>            | 0,101 mm (4 mil) - 0,305 mm (12 mil)  |
| <b>Roll Size</b>            | Core: 76 mm (3")<br>Max. OD: 600 mm (24")   |
| <b>Types</b>                | Paper, Wine material, Inkjet coated gloss<br>paper, PE, PET, PP, ARTYSIO Flexible<br>Packaging  |

## Print Quality

|                  |   |
|------------------|---|
| <b>TrojanRIP</b> | Optimized color match<br>Global or specific color adjustment<br>Easy color replacement<br>Ability to make impositions |
|------------------|---|

## Maintenance

|                              |  |
|------------------------------|--|
| <b>Maintenance Cartridge</b> | Maintenance tray with replaceable<br>modules (wiper roller/print head cap) |
|------------------------------|--|

## Warranty

|  |   |
|--|---|
|  | One-Year Manufacturer's Parts & Labor Warranty (excludes<br>wear parts format and supplies) |
|--|---|

## Lamination

|                                 |  |
|---------------------------------|--|
| <b>Lamination Roll Size</b>     | Max Diameter: 300 mm (12")<br>Core: 72 mm – 80 mm (2.8" – 3.1")<br>Width: 30 mm – 245 mm (1.1" – 9.6") |
| <b>Max. Roll Diameter</b>       | 300 mm (11.8")   |
| <b>Width</b>                    | 30 mm – 250 mm (1.1" – 9.8")   |
| <b>Lamination Type</b>          | Cold lamination, Heat-sealable   |
| <b>Conditions for Operation</b> | Between 0-50° at up to RH 70%  |

**Note:** Optional slitters cannot be mounted when the lamination kit is installed.

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