Introducing the World's First Narrow Format Flexible Packaging Water-Based Inkjet Press

TrojanLabel®

Powered by **memjet®**

New!

T2-L Where Flexible Meets Functional

Taking digital inkjet printing to flexible packaging, meet the T2-L.

This industrial-grade, narrow web flexible packaging inkjet press is designed to accommodate short-run flexible packaging needs and is functional in high volume production environments.

Created with flexible packaging applications in mind, the T2-L with added laminating capabilities was designed for producing custom flexible package printing and can accommodate variable data. Designed with inline heat-sealable cold lamination to accommodate a wide range of packaging solutions and a static eliminator to relieve the print engine and electronics from potential damage, the T2-L is the first of its kind.

For optimal performance, Sihl's ARTYSIO portfolio of flexible packaging is recommended as it is suited for an extensive range of applications and was specifically designed for optimal performance with AstroNova's natura inks.

SiHL

ARTYSIO PACKAGING

Product Portfolio print & pack

Grade		5402	5403	5404	5412	5413	5443
Film Structure (from outer to sealing layer)		AQPET-w/PO-t	AQPET-w/PO-t	AQPET-wm/PO-t	AQPP-w/PO-t	AQPP-w/PO-t	AQPET-w/AL/PO-t
Grammage (total in μm)		65	65	65	94	94	113
Colouring	outside	white	white	white	white	white	white
	inside	white	white	metallised	white	white	metallised
Barrier Properties	WTR DIN 53122 (23 °C / 85 % r.W.)	2,3	2,3	0,2	0,5	0,5	0
	OTR DIN 53380-3 (23 °C / dry)	68	68	0,2	488	488	0
Recyclability		OTHER	OTHER	OTHER	PP	PP	OTHER
Flex Crack Resistance	Sihl testing method	✓	✓	✓	✓✓	✓✓	✓
AQ-Inkjet Printability	dye & pigmented ink	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
Sealability	heat & ultrasonic	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
Packing Machinability	VFFS		•	•		•	•
	HFFS	•	•		•	•	
End-user Markets	Cereals	•	•		•	•	
	Chocolate	•	•		•	•	
	Confectionary	•	•				
	Nuts			•			
	Coffee						•
	Tea	•	•	•			
	Herbs & Spices			•			
	Petfood dry			•	•		
	Detergents		•		•		•
Nomenclarture	good	✓					
	superb	✓✓					
Direct Food Compliance		All Sihl ARTYSIO packaging grades are made for direct food contact. However, please ask for a compliance declaration for your specific application.					
Note		A protective varnishing or laminate for cover the printed surface is recommended. All end-use recommendations are first indications and have to be qualified within your specific application.					

interseroh zero waste solutions

Certificate
Made for Recycling

Sihl GmbH

We hereby confirm the recyclability of the following packaging:
ARTYSIO Packaging 5413 NW P&P PP DM VFFS 97 W

Test result
very good recyclability
20 of 20 points

Test criteria
Assignability to the collection system — 2 of 2
Sortability of the packaging — 6 of 6
Suitability for mechanical recycling and the provision of secondary products — 12 of 12

Testing standard: Criteria and evaluation methodology of the bifa Umweltinstitut GmbH, tested by the Fraunhofer Institute for Process Engineering and Packaging (Fraunhofer IVV), last updated: June 2018

This certificate no. 1611 is valid until 28-03-2021 (two years after issue).
Any change in the packaging components will render this certificate invalid.
Cologne, dated 29-03-2019

Evaluation methodology developed by bifa UmweltNachflus GmbH

bifa Umweltinstitut

An ALBA Group company

TrojanLabel T2-L Specifications

Operation

Ink	High Performance water-based dye ink Four 2-liter tanks CMYK
Resolution	1600 x 1600 dpi full color
Speed	6 ips (9 m/min) or 12 ips (18 m/min)
Print Area	Width: 2"– 8.76" (51 mm – 222.5 mm) 0.4" (10 mm) – 60" (1525 mm) or unlimited stitched
Media Sensors	Optical tracking edge sensor Adjustable position Black mark sensor Gap sensor and continuous
Connectivity	802.3 LAN (10/100) Ethernet Port
Driver	Microsoft® Windows 10, 8, 7, Windows Server® 2012, 2008, 64/32-bit drivers
Software	TrojanControl Software RIP

Environment & Physical

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

Supplies

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

Print Quality

TrojanRIP	Optimized color match Global or specific color adjustment Easy color replacement Ability to make impositions

Maintenance

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

Warranty

Printer	12 Month Manufacturer's Parts & Labor Warranty (excludes wear parts and supplies)
Lamination	
Lamination Roll Size	Max Diameter: 12" (300 mm) Core: 2.8" – 3.1" (72 mm – 80 mm) Width: 1.1" – 9.6" (30 mm – 245 mm)
Max. Roll Diameter	11.8" (300 mm)
Width	1.1"– 9.8" (30 mm – 250 mm)
Lamination Type	Cold lamination, Heat-sealable
Conditions for Operation	Between 0-50° at up to RH 70%

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

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An AstroNova Company

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