



Innovative unit-dose packaging



INNOVATIVE IN-LINE PRINT, FORM, FILL & SEAL SOLUTION

Prime



COSMETIC



MEDICAL/PHARMA



CHEMICAL



24h



Print ready film

Digital ink jet printing

Form, fill & seal
V-Shapes®

Ready to ship
customized sachets



Small footprint



Single operator



Low MOQ capabilities



Speed to market

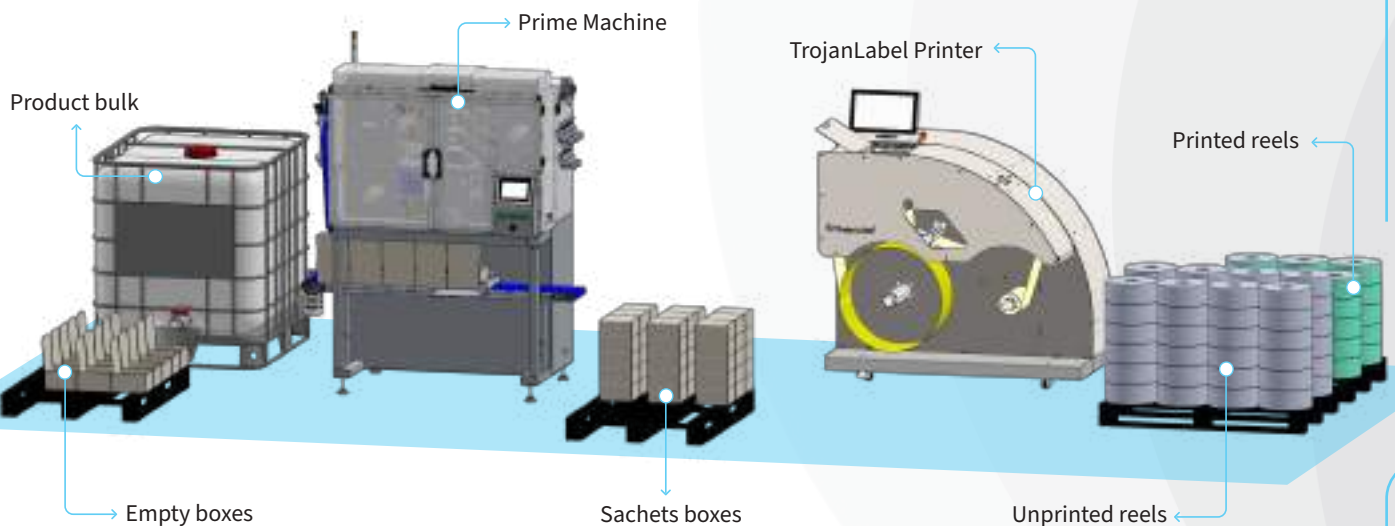


High ROI



Minimal waste

Minimal space needed for a LEAN production and fast delivery of V-Shapes® customized production one hand opening unit dose.





The V-Shapes® PRIME is our single lane form fill and seal packaging machine. The patented one hand unit-dose sachet has a filling range of 0.5ml to 30ml. Leveraging technologies from TrojanLabel and SIHL we have the perfect solution for printing small/medium print jobs.

Easy, intuitive operator interface. V-Shapes® supplies to you an end-to-end solution for all your production needs from materials supplies to software update.



7" touch panel with a simple, intuitive user interface with the ability to store common production settings for future jobs.

Patented internal and external pre-cut system adjustable with micrometer screws for V-Shapes® one hand unit-dose opening solution.



Compact vertical/horizontal sealing + filling area, easy adjustable upon format changes. Integrated TTO coder Videojet 53mm/107mm print width for variable printing.



PRIME MAIN TECHNICAL DATA

Production capacity	up to 35 units/minute
Max film reels width	110mm / 4.33"
Max film reels diameter	300mm / 7.87"
Standard seals width dimensions	5mm
Machine colour	Steel / silver
Electricals standard	IP55, IP67 upon request
Electronic "On Board Equipment"	PLC Siemens 7 brushless motors
V-Shapes® sachet dimensions	Height from 50 to 100mm / 1.969" to 3.937" Width from 40 to 100mm / 1.575" to 3.937"
Air pressure	7 bar
Power supply	9 Kw/h
Weight (maximum)	800 kg / 1763.7 lb
Machine dimensions	1378mm x 800mm x 2023 mm (H) 54.54" L x 31.49" W x 79.64" H









TROJANLABEL FLEXIBLE PACKAGING, WATER-BASED INKJET PRESS T2-L

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: 51mm - 222.5mm / 2" - 8.76" 10mm / 0.4"
Connectivity	802.3 LAN (10/100) Ethernet Port
Power requirements	100-240V AC - 50/60 Hz
Power consumption	400W (at peak operation)
Dimensions	1500mm x 916.5mm x 1591mm (H) 59" L x 36" W x 62" H



MATERIAL KEY FEATURES FUNCTIONAL FLEXIBLE PACKAGING FILMS FOR AQUEOUS INKJET PRINTING ARTYSIO

Product name		Artysio 5413	Artysio 5443	 ARTYSIO PACKAGING
Film structure (from outer to sealing layer)		AQPP-w/PO-t	AQPET-w/ALPO-t	
Grammage (total in µm)		94	113	
Coloring	outside	white	white	
	inside	white	metallised	 with best sealing properties
Barrier properties	WTR	0,5	0	
	DIN 53122 (73.4°F/85% r.W.)	0.032 US	0	 suitable barrier performances
	OTR	488	0	
	DIN 53380-3 (73.4°F/dry)	31 US	0	 certified for V-Shapes® Prime packaging machine
Recyclability		 PP	 other	

INDUSTRY 4.0 CERTIFIED, SPECIFIC V-SHAPES®
MES SYSTEM UPON REQUEST



Machine ready to use PLA compostable material and recyclable multilayer homopolymer.



PATENTS | 102017000149752 | SM-P-201800424 | PCT/IT2018/000108 | 102017000149766 | PCT/IT2018/000166 | 102019000009036 | SM-P-201900330 | PCT/IT2020/050143 | 102018000003297 | PCT/IB2019/051718 | 102019000001235 | PCT/IB2020/050600 | 102020000021802 | SM-P-2020000493 | 202020000005422 | SM-P-202000528 | 102020000025687 | SM-P-202000590



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Download the 3D Configurator App and personalize your sachet now



V-Shapes®

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