///Perivallo360m
AN LSINC INNOVATION
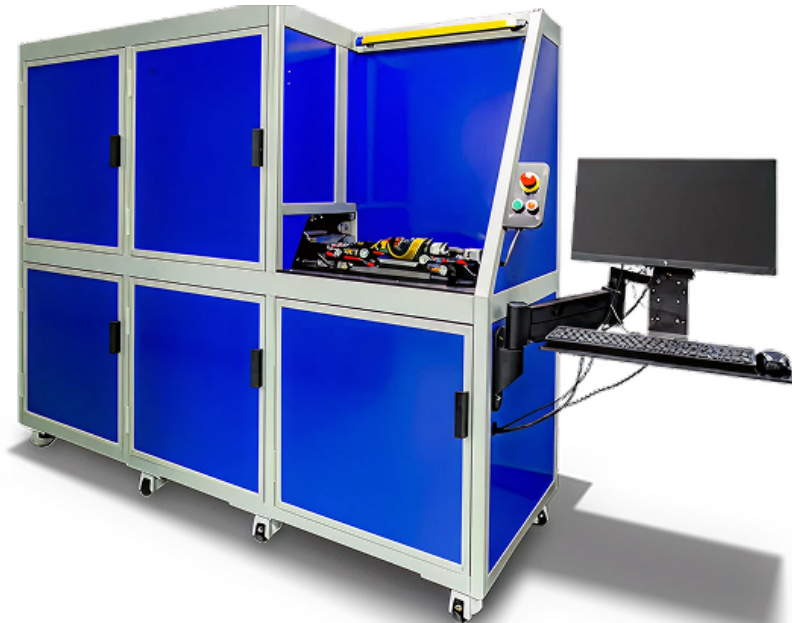
///Peri Series

FULL CONTOUR
HELICAL PRINTER

CONTOUR CAPABILITY

HIGH-DEFINITION 360° OUTPUT

VERSATILE MEDIA SUPPORT

Advanced contour printing for complex shapes

▶ Seamless helical and contour-following technology prints on cylinders, cones, tapers and contoured forms.

▶ Supports diameters from 20 mm (0.75 in.) to 139 mm (5.5 in.) and lengths up to 406 mm (16 in.) for wide product flexibility.

▶ Single-rotary shuttle system ensures stable, precise handling during printing.

▶ Ink pinning stabilises dot placement on complex surfaces, followed by a final UV cure for durable output.

High-definition decoration with multi layer capability

▶ Full color printing delivers rich, detailed graphics without labels or adhesives.

▶ Multi-layer capability enables tactile effects, simulated embossing and premium decorative finishes.

▶ Direct printing on glass, plastics, metals, wood, paper and more for broad application reach.

▶ Stores product-specific print presets via the HMI for consistent, repeatable results across users.

Flexible printing for short runs and personalisation

▶ Ideal for personalised items, prototypes and speciality packaging with minimum runs of just one piece.

▶ Up to 2.9 items per minute for 102 mm (4 in.) artwork, supporting up to 2,784 items in a day (two shifts).

▶ Compatible with eco-friendly digital inks across a choice of seven ink channels.

▶ Quick-change fixtures and optional clear media upgrade expand production possibilities.

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Features and Benefits

+ Diameter Independent Resolution maintains color consistency regardless of media diameter.

+ Nozzle replacement capability helps extend printhead service life.

+ Edge-to-edge 360-degree printing delivers seamless, label-free decoration.

+ Print-on-demand workflow reduces waste and enables efficient low-volume production.

Technical Specs

		LSINC Perivallo360M
Print Technology		JetINX print engine
Inkjet Technology		Industrial Piezoelectric print heads
Max. Resolution		Up to 1,247 x 1,200 dpi
Print Type		Helical, Contour following
Max. Coating Thickness		Dependent on resolution
Format	Max. Item Diameter	139 mm (5.5 in.)
	Min. Item Diameter	20 mm (0.75 in.)
	Max. Item Length	406 mm (16 in.)
	Max. Taper Angle	+ / - 30°
Ink Handling (colors)		CMYK, Wh, Gl, Pr
Ink Channels		7 STD
Loading/Unloading		Manual
Feeder Capacity		1 Item
User Interface		On-board controller accessible via a 21" display
RIP Software		Onyx Thrive
Pretreatment		Dependent upon substrate
Curing	Lamp Style	LED
Dimensions / Weight		2,286 (l) x 762 (w) x 1,855 (h) mm (90 (l) x 30 (w) x 73 (h) in.) 480 kg (1,060 lbs.)
Electrical Requirements		200-240V, 50/60 Hz, 16A, Single Phase
Environment		18 to 30°C / 65 to 86°F; Humidity 40-70% (recommended)
Factory Air		Continuously available compressed air with a minimum of 90psi (6.2 bar)

Max Speeds	Product Type	Per Minute	Per Hour	Per Shift	Per Day (2 Shifts)
*speed is determined by image height, resolution and opportunity mode.	101.6 mm (4 in.) artwork	up to 2.9	up to 174	up to 1,392	up to 2,784

Cylinders **Taper** **Curved-sided** **Contours**

AUTHORISED DEALER:

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IDEAS TO REALITY

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