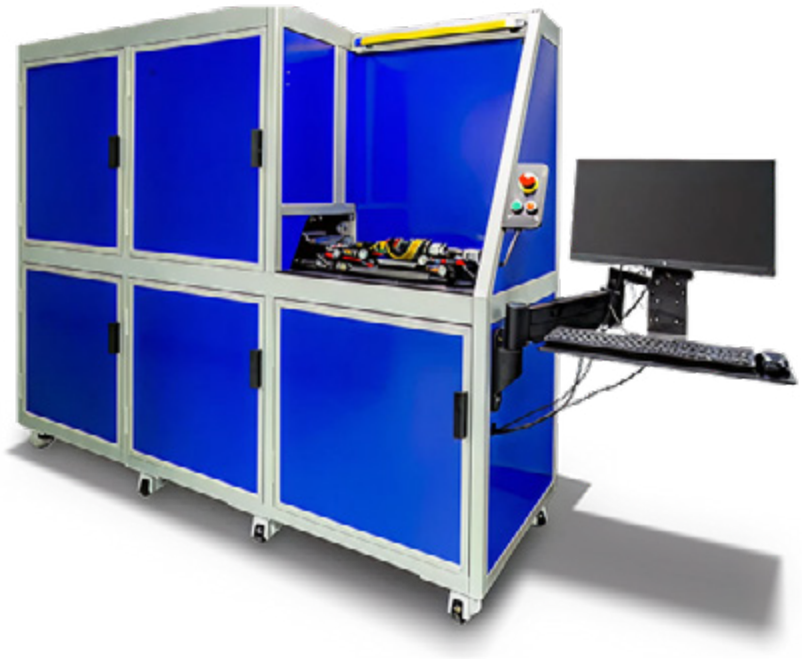
Perivallo360m
AN LSINC INNOVATION

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 colour 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.

Features and Benefits

+ Diameter Independent Resolution maintains colour 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 (colours)		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**

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