PeriQ360
AN LSINC INNOVATION

Peri Series

QUAD-ROTARY DIRECT-TO-OBJECT PRINTER

HIGH SPEED HIGH DEFINITION

QUAD-ROTARY 360° PRECISION

INDUSTRIAL VERSATILITY

HMI

High-speed performance with quad-rotary production

- Quad-rotary transport prints up to four items at once, delivering exceptional production throughput.
- Achieves up to 19.1 items per minute for 102 mm (4 in.) artwork, supporting up to 18,536 items across two shifts.
- Semi-automatic feed and shuttle loading allow new media to be staged during the active print cycle for maximum efficiency.
- Ink pinning stabilises dot placement during printing, followed by a final UV cure for durable results.

360° print technology for consistent, label free output

- Diameter Independent Resolution maintains colour consistency across varying media diameters.
- Prints directly on clear or coloured glass without needing a UV barrier layer.
- Multi-layer capability enables tactile effects, faux embossing and double-sided artwork on transparent media.
- Industrial printheads with JetINX engine deliver reliable, high definition, 360° helical printing.

Industrial level flexibility for complex workflows

- Supports glass, metal, wood, plastics, paper and more for broad application versatility.
- Ideal for wine and spirits, drinkware, beverages, cosmetics, pharma, aerosols and promotional items.
- Quick-change fixtures and custom integration options adapt the system to unique production environments.
- Eco-friendly digital inks provide durable results across demanding sectors.

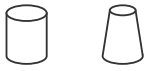
Features and Benefits

+ Advanced variable data caching allows smooth handling of high volume personalised or sequential artwork.
+ Seven channel ink configuration with monitored ink levels supports stable, high speed performance.
+ Integrated HMI software streamlines job setup and enables efficient 360 degree workflow control.

Technical Specs

		LSINC PeriQ360
Print Technology		JetINX print engine
Inkjet Technology		Industrial Piezoelectric printheads
Max. Resolution		Up to 1,247 x 1,200 dpi
Print Type		Helical
Format	**Max. Item Diameter**	114 mm (4.5 in.)
	Min. Item Diameter	38 mm (1.5 in.)
	Max. Item Length	406 mm (16 in.)
	Max. Taper Angle	+10° / -2°
Ink Colours		CMYK, Wh, Gl, Pr
Ink Channels		7 STD
Loading/Unloading		Semi-automatic
Feeder Capacity		4 Items
User Interface		On-board controller accessible via a 21" display
RIP Software		Onyx Thrive
Pretreatment		Dependent upon substrate
Curing	**Lamp Style**	LED
Dimensions / Weight		3,118 (l) x 2,413 (w) x 2,121 (h) mm (123 (l) x 95 (w) x 83.5 (h) in.) 1,632 kg (3,600 lbs.) includes infeed and delivery
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 factory air with a minimum of 120 PSI (8.3 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 19.1	up to 1,146	up to 9,168	up to 18,336



Cylinders **Taper**

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AUTHORISED DEALER:

Roland

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LSINC IDEAS TO REALITY