

SINGLE-ROTARY PRINTER



SINGLE-ROTARY
360° PRECISION

CONSISTENT
QUALITY AT SPEED

FLEXIBLE ENTRY
SOLUTION

HMI

Simple, repeatable workflows with built in control

U

High speed performance for growing production



Versatile printing across materials and applications

- ▶ Human Machine Interface acts as a central print hub, storing product presets for consistent repeatable jobs.
- ▶ Seven channel ink configuration with monitored ink levels keeps operation smooth and predictable.
- ▶ JetINX print engine with industrial printheads ensures reliable, high quality cylindrical printing.
- ▶ Seamless 360° helical output powered by LSINC's dedicated software.

- ▶ Single-rotary printer delivers fast, efficient output for light production and personalised items.
- ▶ Print close to 5 items per minute for graphics of 102 mm (4 in.) high.
- ▶ Automatic head wiping and capping maintains performance and reduces downtime.
- ▶ Ink is pinned during printing for precise control, followed by a final UV cure for durable results.

- ▶ Prints directly onto clear glass without needing a UV-blocking barrier layer.
- ▶ Compatible with glass, metal, wood, plastics, paper and more, supporting broad commercial applications.
- ▶ Multi-layer printing enables tactile effects, faux embossing and double-sided designs on transparent media.
- ▶ Ideal for drinkware, cosmetics, candles, beverage cans, prototyping, pharmaceuticals and personalised items.

Features and Benefits

- + Automated head wiping and capping maintain consistent output and reduce routine maintenance.
- + Ink recirculation and monitored ink levels support stable, reliable performance throughout production.
- + Multi-layer printing expands creative capability with tactile effects and double sided designs on clear media.
- + Integrated HMI software enables seamless 360° helical printing and efficient job setup.

Technical Specs

		LSINC PeriOne
Print Technology		JetINX print engine
Inkjet Technology		Industrial Piezoelectric printheads
Max. Resolution		Up to 1,247 x 1,200 dpi
Print Type		Helical (Cylindrical and Taper)
Format	Max. Item Diameter	152 mm (6 in.)
	Min. Item Diameter	38 mm (1.5 in.)
	Max. Item Length	457 mm (18 in.)
	Max. Taper Angle	+10° / -2°
Ink 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 4.7	up to 282	up to 2,256	up to 4,512



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LSINC
IDEAS TO REALITY