



Perivallo360m
AN LSINC INNOVATION

SEAMLESS FULL-COLOR HELICAL PRINTER
With full-contour printing technology

BOUNDLESS POSSIBILITIES

The Direct-to-Object Printing Advantage

Imagine your products being so beautiful that people never want to throw them away.

The **Perivallo360m**® provides distinctive contoured printing that sets your product apart from the rest. Tactile effects can be used to simulate embossing and enhance the user experience.

High definition graphics are printed directly to glass, plastic, metal or wood - no paper or adhesive required. Get ahead of the competition with one to one personalization with a minimum run length of just one piece!



- 1 The Human Machine Interface (HMI) serves as your print queue and enables you to set-up and store “recipes” for commonly manufactured products.
- 2 The single-spindle shuttle system provides transport for your object into the print engine. Items with diameters from .75” to 5.5” and a length of up to 16” can be printed on the **Perivallo360m**.
- 3 Up to seven (7) inks can be loaded into the standard ink configuration. Ink usage and levels can be monitored on the HMI.
- 4 This printer uses Ricoh’s Piezoelectric print heads and LSINC’s proprietary technology to follow the contours of an object printing in high resolution from top to bottom with seamless 360° helical printing technology.

- 5 Ink is pinned during the printing process to prevent spread. A final UV cure is applied once printing is completed.

AT LSINC

IDEAS TO REALITY is not just our tag line, it’s what we do for corporations around the globe. LSINC provides innovative approaches to every day manufacturing challenges. This spirit of innovation has led to the development of the Perivallo360m and the PeriQ360 Direct-to-Object Printers. We also provide consulting and engineering services to seamlessly integrate our technology into your current manufacturing operation, or bring your manufacturing ideas to reality through our consulting and custom engineering engagements.

FEATURES

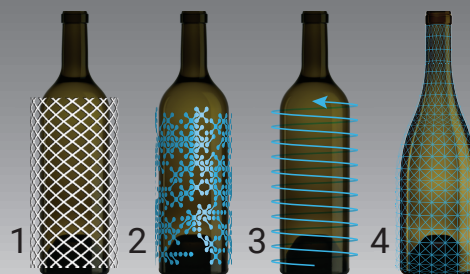
- Edge-to-edge, seamless 360° printing
- Tactile Effects
- Full-color printing
- High speed precision ink placement
- Prints on cylinders, cones, tapers, and contours
- Prints on glass, metal, wood, and plastic
- Print on demand – eliminates waste
- Water-proof, eco-friendly digital ink
- Flexibility with quick-change fixtures

APPLICATIONS

- Wine & Spirits
- Beverage
- Specialty Beverage
- Syrups/Flavorings
- Cosmetic
- Pharmaceutical
- Specialty Foods
- Personalized Give-aways
- Promotional Products
- Prototyping

TYPES OF PRINTING

1. Tactile Raised UV
2. No Die-Lines
3. 360° Seamless Printing
4. Contoured Printing



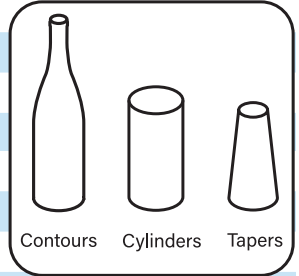
OUR FOCUS IS ON INNOVATIVE,
PRODUCTIVE SOLUTIONS THAT
HELP OUR CLIENTS WORK MORE
EFFICIENTLY EVERY DAY.

SPECIFICATIONS

Print Technology	JetINX print engine
Inkjet Technology	Piezoelectric print heads
Max Resolution	780 x 900 to 1247 x 1200. Dependent on Diameter
Print Type	Helical, Contour Following
Max Coating Thickness	Depends on Resolution
Registration	+/- 5um
Formats	
Max Item Diameter	5.47"
Min Item Diameter	.75"
Max Item Length	16"
Min Item Length	.393"
Max Taper Angle	+/- 30°
Ink Handling (colors)	CMYKW, CMYKWV, PCMYKWV
MAX Ink Channels	7 STD
Loading/Unloading	Manual
Feeder Capacity	1 Item
User Interface	Human Machine Interface
RIP Software	Onyx Postershop or Thrive
Pretreatment	Dependent upon substrate
Curing	
Lamp Style	LED
Final Cure	Y
Pin	Y
Auto Lamp	Y
Dynamic Lamp Settings	N
Dimensions/Weight	L: 93" W: 30" H: 93" 1300lbf
Electrical Requirements	30A 230 VAC 50/60 Hz Phase 1
Environment	18 to 30°C/65 to 86° F; Humidity 40-70% (recommended)



Scan this QR Code to see the Perivallo360m in action!



Average Speeds	Product Type	Per Minute	Per Hour	Per Shift	Per Day
*speed is determined by height of the label art and resolution.	12 oz. Can	3.34	200.4	1603.2	4809.6
	Wine Bottle	2.9	174	1392	4176



Bring your vision to life with limitless possibilities.

Contact us today to learn more:

Call 1-256-721-4011 or email info@LSINC.com

490 Discovery Dr. NW, Huntsville, AL 35806