



 **PeriQ360**  
AN LSINC INNOVATION

**Production Focus — Quad Spindle  
Direct-to-Object Printer**

# HIGHLY PRODUCTIVE, HELICAL PRINTING

## The Direct-to-Object Printing Advantage

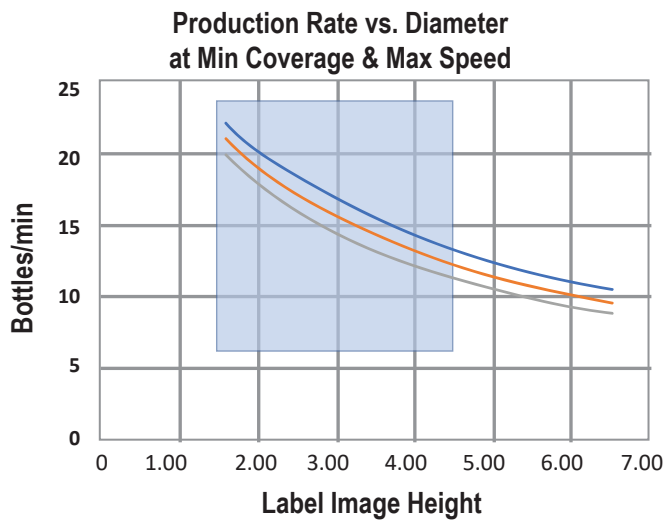
Eliminate the need for paper labels and adhesives while creating an eco-friendly, seamless 360° label printed directly to your cylinder or taper. The **PeriQ360™** is the fastest production unit in its class with the ability to print four items at a time!

### FEATURES

- Seamless 360° printing
- Tactile Designs
- Full-color printing – 7 colors are Standard
- Prints on clear or colored glass
- High speed precision ink placement
- Prints on cylinders and tapers
- Print on demand – eliminates waste
- Prints on glass, metal, wood, and plastic
- Eco-friendly digital ink

### APPLICATIONS

- Personalized Items
- Wine & Spirits
- Drinkware
- Beverage
- Aerosol Cans
- Syrups/Flavorings
- Cosmetic
- Pharmaceutical



— 4" Image Height  
— 6" Image Height  
— 8" Image Height



Create beautiful design effects using reverse printing techniques

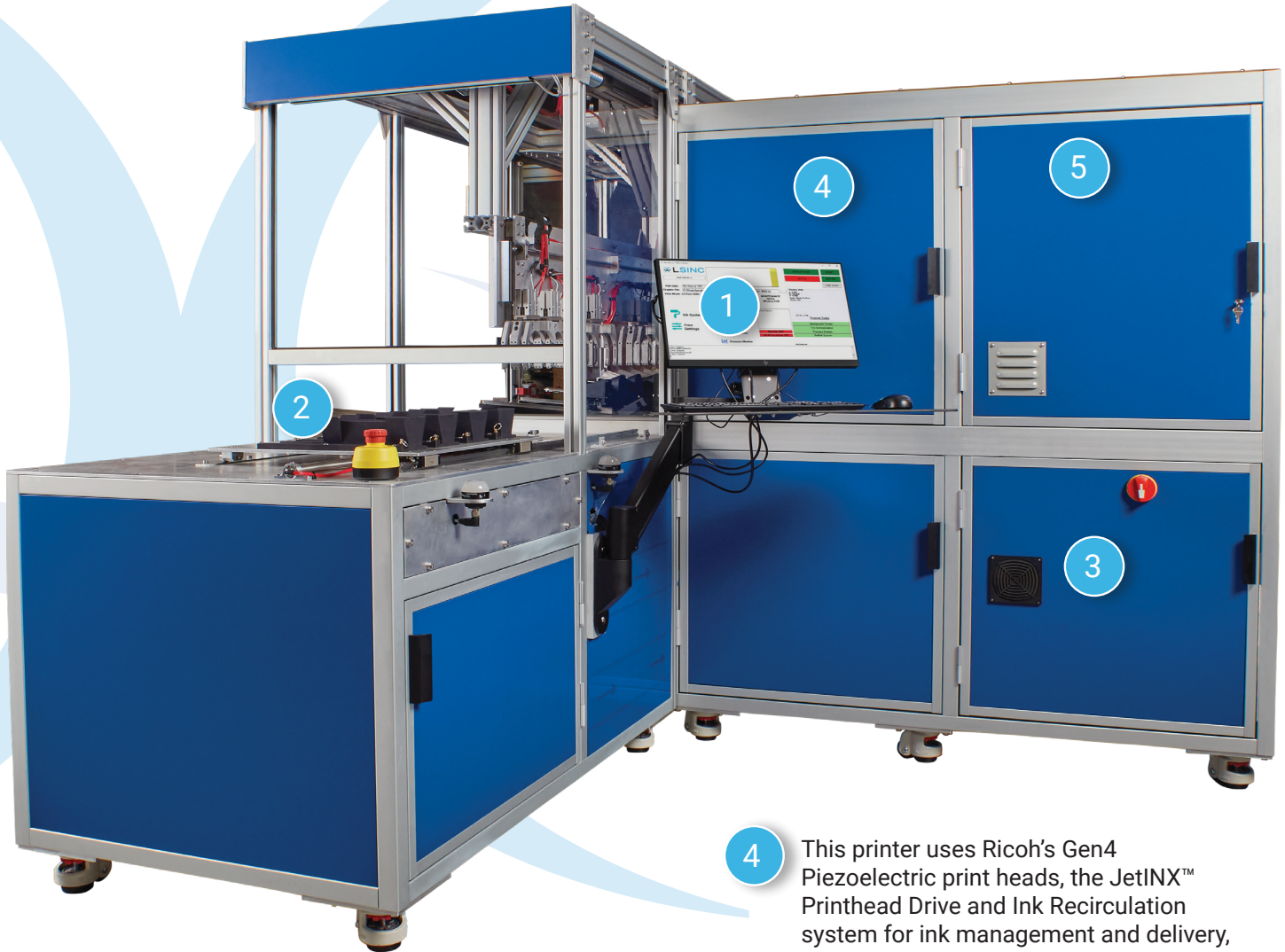
### AT LSINC

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®, PeriQ360™, and PeriOne™ 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.



1 The Human Machine Interface (HMI) serves as your print queue and enables you to set-up and store "recipes" for commonly manufactured products.

3 Up to seven (7) inks can be loaded into the standard ink configuration. Ink levels can be monitored on the HMI.

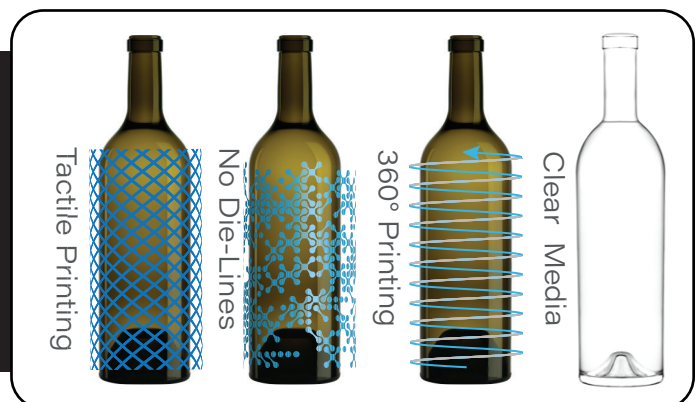


2 Media can be loaded into the shuttle during the print cycle, which saves time and contributes to the overall speed of the system. The quad-spindle carriage provides transport for four pieces at a time into the print engine.

4 This printer uses Ricoh's Gen4 Piezoelectric print heads, the JetINX™ Printhead Drive and Ink Recirculation system for ink management and delivery, and LSINC's proprietary Perivallo™ Workbench software to provide seamless 360° helical printing.

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

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

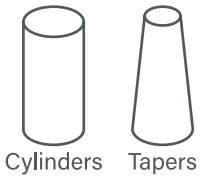


## SPECIFICATIONS

<b>Print Technology</b>	JetINX print engine
<b>Inkjet Technology</b>	Ricoh Gen4 Piezoelectric print heads
<b>Standard Resolutions</b>	780 x 900 to 1247 x 1200 dependent on diameter
<b>Print Type</b>	Helical
<b>Max Coating Thickness</b>	Dependent on resolution
<b>Formats</b>	
Max Item Diameter	4.5" (114 mm)
Min Item Diameter	1.5" (38 mm)
Max Item Length	16" (406 mm)
Max Taper Angle	+ 10°/-2°
<b>Ink Handling (colors)</b>	CMYKW, CMYKWV, PCMYKWV
<b>Ink Channels</b>	7 STD
<b>Loading/Unloading</b>	Semi-Automatic
<b>Feeder Capacity</b>	4 Items
<b>Feed Mechanism</b>	Pneumatic Grippers and Pneumatic Shuttle
<b>User Interface</b>	On-board controller accessible via a 21" display
<b>RIP Software</b>	Onyx Thrive
<b>Pretreatment</b>	Dependent upon substrate
<b>Curing</b>	
Lamp Style	LED
Final Cure	Y
Pin	Y
Auto Lamp	Y
Dynamic Lamp Settings	Y
<b>Dimensions/Weight</b>	L: 95" (312 cm) W: 83.5" (241 cm) H: 123" (212 sm)   3600lbs (1632 kg) includes infeed and delivery
<b>Electrical Requirements</b>	16A 230 VAC 50/60 Hz Phase 1
<b>Environment</b>	18 to 30°C/65 to 86° F; Humidity 40-70% (recommended)
<b>Factory Air</b>	Continuously available compressed factory air with a minimum of 120 PSI (8.2 bar). If a feed system is installed, continuously available compressed factory air with a minimum of 150 PSI (10.3 bar) is required.



Scan this  
QR Code to see  
the PeriQ360  
in action!



The PeriQ360 won  
the 2021 Pinnacle  
Award for Best  
Direct-to-Object  
Printer  
(non-flatbed)

Max Speeds	Product Type	Per Minute	Per Hour	Per Shift	Per Day
*speed is determined by image height and resolution.	4" H (101.6 mm) artwork	19.1	1146	9168	27504



## Beautiful Designs at Production Rated Speeds

Contact us today to learn more:

Call 1-256-721-4011 or email [info@LSINC.com](mailto:info@LSINC.com)

490 Discovery Dr. NW, Huntsville, AL 35806