

KOI 360° Printer

Powered by: **TECKWIN**
Innovative Digital Solutions

PST

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THE LATEST
TECHNOLOGY
TO PERSONALIZE
CYLINDRICAL
OBJECTS SUCH AS:
GLASS, CANS, CUPS,
DRINKWARE BOTTLES
AND MORE!



- **GREAT** complement to expand your business.
- Print on **CYLINDRICAL** objects.
- **UV CURING INKS** with high adherence and flexibility.
- **SPOT PRINTING** to create 3D effects.



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FEATURES:

- **Dual Double Station for NON-STOP Printing.**
- **Intelligent LED curing system.**
- **White Ink Circulation system.**
- **Laser Positioning Guides** to identify the printable area.
- **LED Curing Device** with angular adjustment.
- Automatic printhead cleaning.
- Objects shortage alarm system to remind place the object in the fixture.
- Electric system fully controlled by PLC.
- **3 Color Alarm System** to warns any abnormal functioning.
- **Isolated Electrical Cabinet** meets the safety requirements and CE certification.



AC Delta Drivers



Printing Station



Schneider Components



Fixture



Ricoh G5i printhead.

Personalize
cylindrical
objects with
KOI 360°
Printer

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Specifications

Print head	Ricoh G5i
Resolution	600 x 1200 and 600 x 1800 dpi

Production Speed

L: 139mm (5.47") x D: 57mm x (2.25")	CMYK + Varnish 218 pcs/hr
L: 139mm (5.47") x D: 57mm x (2.25")	White + CMYK + Varnish 189 pcs/hr
L: 146mm (5.75") x D: 67mm x (2.63")	CMYK + Varnish 194 pcs/hr
L: 146mm (5.75") x D: 67mm x (2.63")	White + CMYK + Varnish 167 pcs/hr

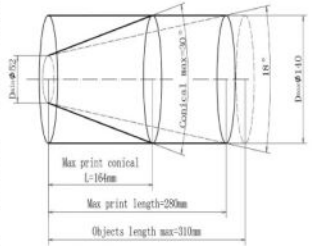
Bottle shape

Straight bottle printable size

- Diameter: 52 - 150 mm | 2.0 x 5.9 inches
- Max. Print length: 280 mm | 11 inches
- Max. Object length: 310 mm | 12.2 inches

Conical object size

- Diameter: 52 - 150 mm | 2.0 x 5.9 inches
- Max. Print length: 280 mm | 11 inches
- Max. Angle: 30°
- Max. Object length: 310 mm | 12.2 inches



Inks	UV curing
Colors	Primer, white, CMYK, varnish.
Presentation	1 liter bottle.
RIP software	Flexi Print
Interface	USB 3.0
Operating system	Win 10 - 64 bit
Printer dimensions	L: 2.63 x H:1.65 x W:1.01 meters 8.6 x 5.4 x 3.3 ft *Additional height of 60 cm 24" for indicator light.
Weight	850 KG 1,870 lbs

Site preparation

Area	3.86 x 2.62 x 2.25m 12.7 x 8.6 x 9.20 ft
Electric requirement	AC 220v - 20 Amp.
Max. Power	3.4 KW
Air compress	0.5 MPa 0.2m3/min
Temperature	18 - 29 °C 65 - 84 °F
Humidity	40 - 80 % RH (not condensing)