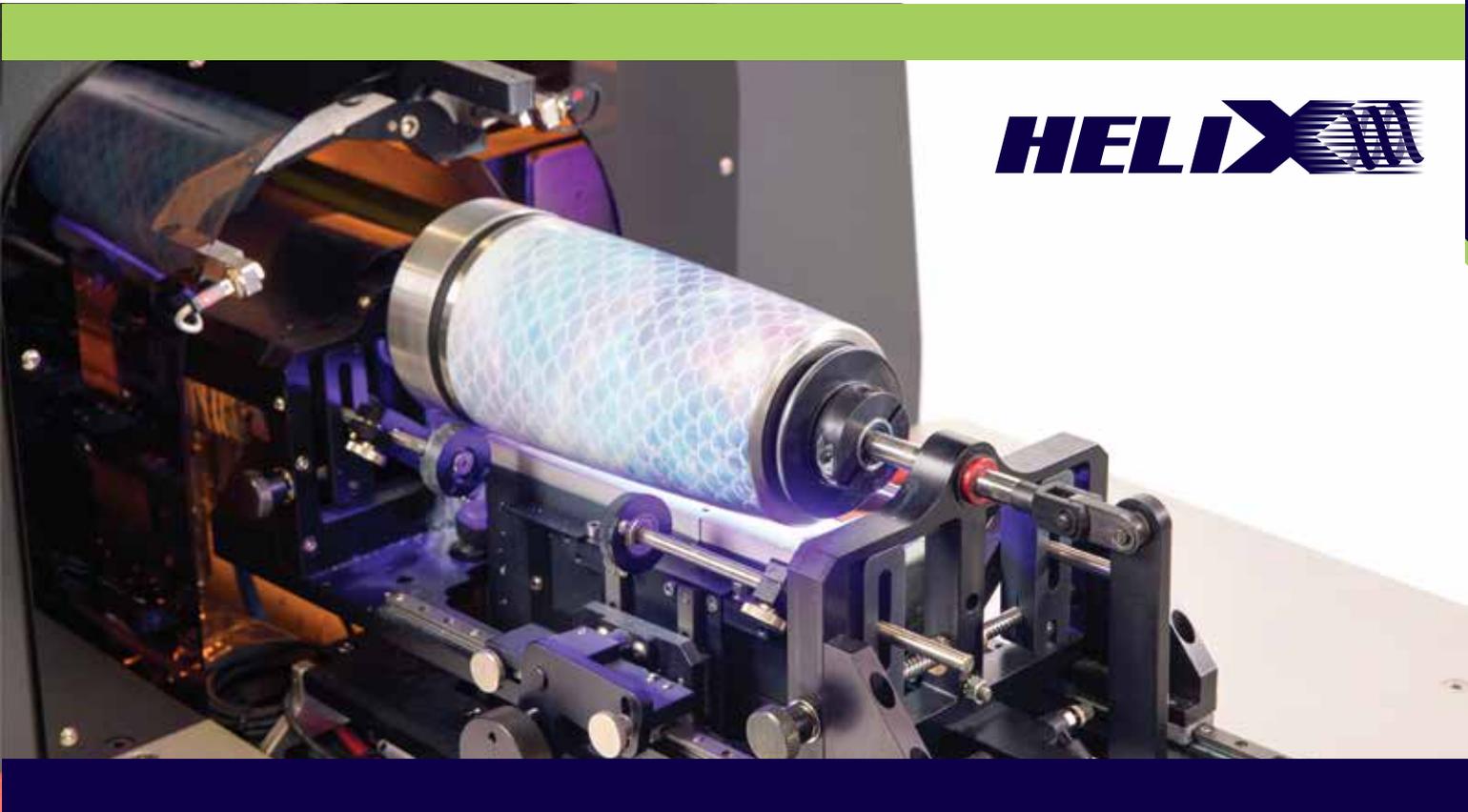


# INKCUPS

HELIX CYLINDRICAL DIGITAL PRINTER



**HELIX**

[www.inkcups.com](http://www.inkcups.com)

## WHY INKCUPS?

Elevate your decorating capabilities with a company that is recognized for having the most innovative machines in the field. The Helix was designed and developed to print full coverage and glossy graphics on straight and conical items.

We pride ourselves on helping our customers every step of the way. From training to support, we ensure there is no downtime.

## DIRECT SALES OFFICES

United States: MA, NY, GA, IA, CA

International: Canada, China, Germany, Guatemala, Honduras, Hong Kong, Mexico, Vietnam

[info@inkcups.com](mailto:info@inkcups.com) | (978)646.8980

[WWW.INKCUPS.COM](http://WWW.INKCUPS.COM)

# BENEFITS OF THE HELIX



## PERSONALIZATION

Great for samples or personalized items.



## PROGRAMMABLE TILT

Easily adjust the fixture's angle to print on tapers.



## CORONA TREATMENT

Increases adhesion and removes particles.

## POPULAR APPLICATIONS:

GLASSWARE | PLASTIC SPORTS BOTTLES | STAINLESS TUMBLERS | CANDLES | COATED METALS



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# HELIX



## Standard Features

- Ⓢ Servo-driven, quick-change tooling fixture
- Ⓢ Adjustable angled tooling
- Ⓢ Automatic cylinder height adjust
- Ⓢ Automatic intelligent diameter measurement
- Ⓢ Helix® software package

Part Diameter	2" - 4.5" at 7° 2" - 3.8" at 8.5°
Part Length	3" - 12"
Maximum Print Length	4.25" 8.66" with an additional UV lamp
Maximum Taper Angle	7° (8.5° optional)
Print Modes	4 pass • 6 pass • 8 pass • 12 pass • 16 pass • 24 pass
Maximum Resolution	1200dpi x 1200dpi
Lamp Style	1 or 2 UVLED
Ink Configuration	CMYKWW + Varnish CMYKLCMLWW + Varnish <b>HELIX</b>
Ink Type	UV/LED
Bulk Ink System	3 Liters

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# DECORATING METHODS



## MIRROR PRINT

Mirror print is a printing feature specifically for clear drinkware items. The graphic is printed on the product in reverse so the white layer is facing out and then the graphic is printed again but with the white facing in. The outcome is a design that can be seen from all angles.

## TONE-ON-TONE

Tone-on-tone places a varnish-only layer of ink on your product. Each substrate will yield a different look. Glass items with the tone-on-tone printing feature look embossed, whereas on stainless or coated metals, the color pops. Use this method on any item.



## PHOTOREALISTIC HELIX HI-FI

The newest addition to the Helix family is the Helix HI-FI. This machine has the unique ability to print photorealistic images using the standard CMYK plus light cyan and light magenta on straight and conical items. These additional colors allow our machine to match skin tones.



# AUXILIARY SUPPLIES

## INKS & PRIMERS

Our inkjet inks adhere to a number of substrates as well as offer unique qualities such as edibility, flexibility and FDA compliance.



We offer a variety of primers because we understand each part is unique. Adhesion testing is available upon request.

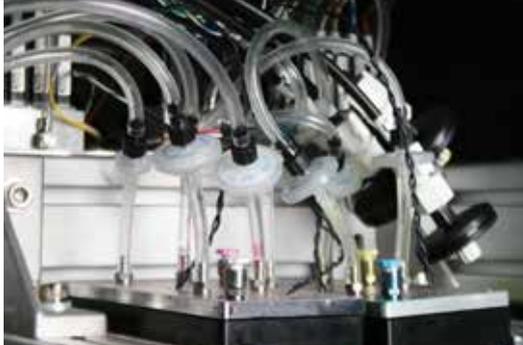
- Glass
- Plastic
- Coated metals
- Stainless steel



## SPARE PARTS & TOOLING

We keep most spare parts for our digital equipment in-house and ready to ship. In order to reduce machine downtime, we typically ship within 24 hours.

Need custom tooling for your printing application? We can make it for you! Send a few of your product and we will create a fixture that works for your production line.



## AUXILIARY MACHINES



In addition to our machines, inks and solvents, we offer auxiliary machines to assist with further adhesion requirements and primer application. Our auxiliary machines range from flame-treating equipment to primer spraying devices.