

HELIX

HIGH THROW

The Helix High Throw is an advanced inkjet printer developed by Inkcups, specifically designed for printing on straight and irregular shaped cylindrical and conical objects. It provides a versatile solution for producing multicolor, high-resolution images on items such as bottles, tumblers, cups, and tubes- all from a single workstation. The Helix High Throw is compatible with a wide range of materials including plastic, metal, ceramic, and glass, making it an excellent addition to any production environment.

A standout feature of the Helix High Throw is its fully servo-driven system, which ensures precise and consistent printing on every item. It supports 360-degree seamless printing and can accommodate products with height variations of up to 15 mm- perfect for achieving full-wrap designs that draw attention. For operations requiring conical printing, the Helix High Throw offers an optional automatic programmable tilt and height adjustment system, delivering accurate and dependable results on every cup.



SYSTEM SPECIFICATIONS*

PRINT HEAD	5 on-demand piezo heads with integrated precision controlled printhead heating
INK CONFIGURATIONS	WW+CK+MY+LcLm+VV WW+CK+MY+VV
PART DIAMETER	2.56" - 7.09" (65 mm - 180 mm)
PART HEIGHT	1.97" - 9.84" (50 mm - 250 mm)
MAXIMUM TAPER ANGLE	12.5°
MAXIMUM RESOLUTION	1200 x 600 dpi
SUPPORTED FILE TYPES	JPEG, TIFF, PDF, EPS
UV METHOD	9.45" (240 mm) LED-UV segmented lamp with water cooling
OPERATING ENVIRONMENT	Temperature: 64-86°F (18 - 30°C) Humidity: 40-80%
MACHINE DIMENSIONS (L x W x H)	100.4" x 47.25" x 72.5" (255 cm x 120 cm x 184 cm)
MACHINE WEIGHT	1984 lbs (900 kg)
FEATURES	HI-FI Automatic cleaning and capping station

*Information is subject to change