

RP SERIES DIGITAL INKJET UV PRINTERS

**HIGHLY FLEXIBLE PRINTING OF CYLINDRICAL
AND CONICAL OBJECTS USED BY:**

Design & Graphics Studios for its superb flexibility and easy use
Advertising Offices for printing rotary objects for advertising use
Beverage Industry for smaller printing jobs



DESCRIPTION

No minimum print quantity print only one object!

Designs can be changed easily in between print jobs. Prints are possible on most of the cylindrical and conical objects with a quick change of the objects. The print is possible on a variety of product dimensions by UV or UV LED inks.

PROPERTIES

- Variable printing on rotary objects in very high optical resolution
- Printer is adjustable for diameters up to \varnothing 300 mm
- CMYK color configuration extensible to an additional 8 channels
- Available in CMYK or CMYK + White + Varnish

TECHNICAL DATA

- Print resolution: 360 x 360 dpi
- Optical resolution: 960 x 960 dpi
- Dimensions of objects: up to \varnothing 300 x 210 mm (adjustable according to customer requirements)
- Activation of ink: UV lamp / UV LED lamp
- Check of object placement before printing
- Electric energy consumption: 3.0 kWh
- Operating software: axprint

SERVICE SUPPORT

- Provided according to the selected service package
- Online support
- Remote control
- Guarantee by agreement

PRINT OBJECTS

- Beverage cans
- Tin cans
- Beverage cups
- Plastic bottles
- Plastic tubes
- Cosmetic packaging
- Candles
- KEG barrels

OPTIONS

PLASMA / FLAMING SURFACE PRETREATMENT

Intended for printing plastic objects

AUTOMATION

Object handling by robot, manipulator, conveyor

CONICAL & CYLINDRICAL AUTOMATIC HOLDERS

Fully automated positioning of conical and cylindrical objects

- No need for manual adjustment
- Only 10 seconds to change holders
- Highly efficient for small and variable print jobs
- Maximum diameter of conical objects: \varnothing 140 mm
- Maximum print height: 280 mm



Sales

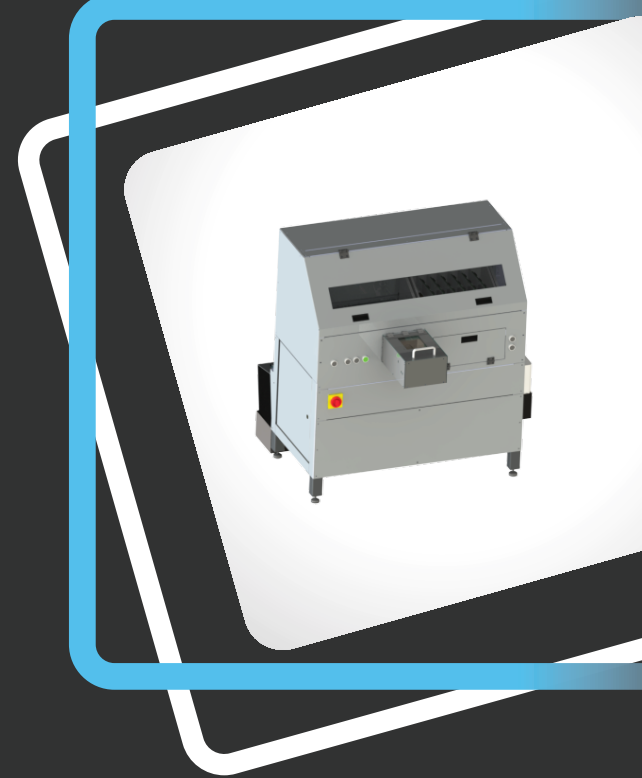
sales@axspin.com



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PRINT TIME

PRINT EXAMPLES		PRINT TIME (s)			
Object	Diameter (mm)	CMYK (s)	CMYK,White (s)	CMYK,Varnish (s)	CMYK,White,Varnish (s)
250 ml can	ø 52 x128	25	43	43	56
330 ml can	ø 65 x109	35	51	51	62
500 ml can	ø 65 x160	35	51	51	62
20 l KEG	ø 210 x 200	60	79	79	143
Flower pot	ø 140 x 70	55	63	63	121

VARIATIONS

RP SERIES						
Machine type	Print width (mm)	Max. print height (mm)	Min./Max. diameter of object (mm)	Color channels	Curing type	Suitable
RP70-4CLUV	70	210	10-300	CMYK	UV/UV LED	Conical & Cylindrical
RP70-6CLUV				CMYK,White, Varnish	UV LED	
RPI40-4CLUV	140			CMYK		
RPI40-6CLUV				CMYK,White, Varnish		
RP210-4CLUV	210			CMYK		
RP210-6CLUV				CMYK,White, Varnish		



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