

2RP SERIES DIGITAL INKJET UV PRINTERS

**FULLY AUTOMATED MEDIUM-VOLUME PRINTING
OF CYLINDRICAL & CONICAL OBJECTS USED BY:**

Beverage Industry for large printing jobs of cans, bottles, cups
Cosmetics & Medical Industries for printing tubes, bottles, jars
Advertising Offices for printing rotary objects for advertising use
Design & Graphics Studios for larger promotional print jobs



DESCRIPTION

Fully automated, flexible, fast printing technology! Prints are possible on most of the cylindrical and conical objects with a quick change of the objects. Products are loaded by the manipulator, or manually, into two loaders. Printing starts automatically after the object placed into the loader. UV or UV LED inks allow immediate use of printed products.

PROPERTIES

- Printer is adjustable for diameters up to \varnothing 150 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 150 x 280 mm (adjustable according to customer requirements)
- Activation of ink: UV lamp / UV LED lamp
- Check of object placement before printing
- Electric energy consumption: 4.0 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

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

axspin

digital solutions for rotary items

VISIT OUR WEBSITE

www.axspin.com



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PRINT TIME

		PRINT TIME (s)			
PRINT EXAMPLES		CMYK (s)	CMYK, White (s)	CMYK, Varnish (s)	CMYK, White, Varnish (s)
Object	Diameter (mm)				
250 ml can	ø 52 x 128	18	25	20	25
330 ml can	ø 65 x 109	19	26	21	26
500 ml can	ø 65 x 160	19	26	21	26
500 ml bottle	ø 70 x 200	20	27	22	27

VARIATIONS

2RP SERIES						
Machine type	Print width (mm)	Max. print height (mm)	Min./Max. diameter of object (mm)	Color channels	Curing type	Suitable
2RP70-4CLUV	70	280	10-140	CMYK	UV/UV LED	Conical & Cylindrical
2RP70-6CLUV				CMYK, White, Varnish		
2RP140-4CLUV	140			CMYK		
2RP140-6CLUV				CMYK, White, Varnish		
2RP210-4CLUV	210			CMYK		
2RP210-6CLUV				CMYK, White, Varnish		



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