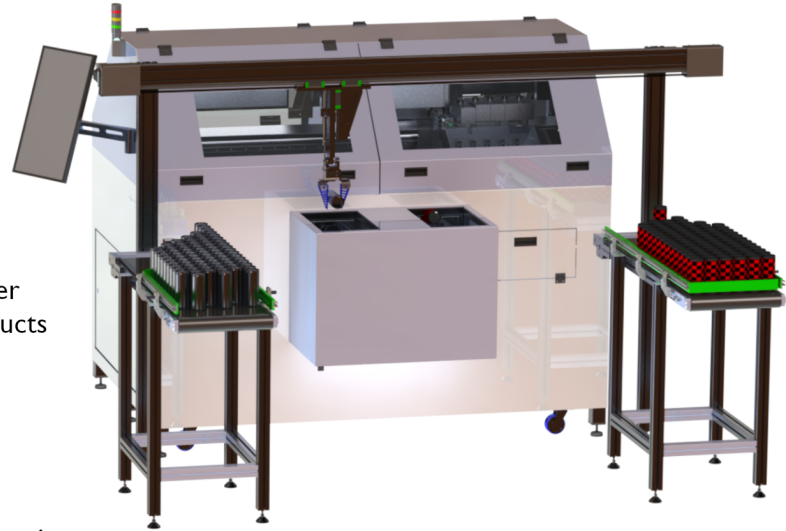


2RP digital inkjet UV printers: fully automated medium volume printing of cylindrical and conical objects

Description:

- Fully automated, flexible, fast printing technology
- Prints on most cylindrical and conical objects
- Quickly change between cylindrical and conical object printing
- Product loading by manipulator, or manually, into two loaders
- Printing starts automatically after object placed into loader
- UV or UV LED inks allow immediate use of printed products



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 and graphics studios** for larger promotional print jobs

What can we print on?

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

Service support:

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

Properties:

- Adjustable for diameters up to $\varnothing$ 150 mm
- CMYK color configuration extensible to an additional 8 color channels
- Available in CMYK or CMYK + White + Varnish



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Technical data:

- Print resolution: 360 x 360 dpi
- Optical resolution: 960 x 960 dpi
- Dimensions of cylindrical objects: up to Ø150 x 280 mm (dimensions 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

Options:

- Plasma / flaming surface pretreatment for printing plastic objects
- Automation – object handling by robot, manipulator, conveyor ...
- **Conical & Cylindrical automatic holders for RP & 2RP machines**
 - 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 for cylindrical objects: ø 70 mm
 - Maximum diameter for conical objects: ø 140 mm
 - Maximum print height: 280 mm

Production Rates: Printing time for one object

Examples	Diameter x Height	CMYK	CMYK + White	CMYK + Varnish	CMYK + White + Varnish
Beverage can 250 ml	ø 52 x 128 mm	18 sec	25 sec	20 sec	25 sec
Beverage can 330 ml	ø 65 x 109 mm	19 sec	26 sec	21 sec	26 sec
Beverage can 500 ml	ø 65 x 160 mm	19 sec	26 sec	21 sec	26 sec
Plastic bottle 500 ml	ø 70 x 200 mm	20 sec	27 sec	22 sec	27 sec



2RP Printers

2RP printer model	Print height with one pass	Maximum print height	Object diameter	Color channels	UV curing	Object shapes
2RP70-4CLUV	70 mm	280 mm	10 – 140 mm	CMYK	UV/UV LED	Cylindrical & Conical
2RP70-6CLUV	70 mm	280 mm	10 – 140 mm	CMYK + White + Varnish	UV/UV LED	Cylindrical & Conical
2RP140-4CLUV	140 mm	280 mm	10 – 140 mm	CMYK	UV/UV LED	Cylindrical & Conical
2RP140-6CLUV	140 mm	280 mm	10 – 140 mm	CMYK + White + Varnish	UV/UV LED	Cylindrical & Conical
2RP210-4CLUV	210 mm	280 mm	10 – 140 mm	CMYK	UV/UV LED	Cylindrical & Conical
2RP210-6CLUV	210 mm	280 mm	10 – 140 mm	CMYK + White + Varnish	UV/UV LED	Cylindrical & Conical

