

TUBE



Turn tubes to pure profit

We are very proud to announce the new machine called Tube .

As the name reveals Tube is developed for smaller products such as tubes, lipsticks, cosmetic products, pharmaceutical packaging or any product with a smaller diameter.

3sixty Tube is specially designed for high-speed 360° seamless direct printing on tubes and cylindrical products within 18-50 mm in diameter. 3sixty Tube offers outstanding print quality, exceptional productivity and a great flexibility.



Why digital print on tubes?

Throughout the market, tube packaging is mostly screen printed or label printed. Screen printing requires costly screens for each color which means high cost per tube for small- medium scale orders and a lack of customization and variable data printing. At the same time labeled tubes look less professional than direct printed tubes.





Two machines - One mission

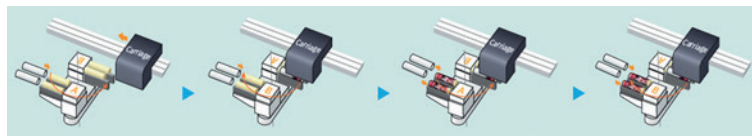
3sixty Tube are here to revolutionize the entire tube packaging industry. Our Tube printers produces photorealistic images and small-sized texts to a low production cost- suitable for small to medium series, full customization, and personalization with variable data.

Tube twin

A semi-automated system 2x2 printing/loading. Operator loading and unloading the tubes while the system continuously is printing two tubes at the time. Optimizing production workflow and saving space.

Tube automatic

A full automated system with automatic operation of loading, printing, curing and unloading. For high production volumes and a low manpower cost.



3sixty Tube is delivered with the latest in UV light protection systems for protecting printerheads from UV light exposure.

The operator only needs to add a batch of tubes into the hopper magazine. The automation design liberates the operator from repetitive and boring work, increasing production efficiency and lowering manpower cost.

Highlights

- Full or semi automatic tube printing system
- All kind of substrates and products
- Low production cost
- Variable data printing: including logos, images, texts, numbers, QR etc.



Tube Diameter	Image Size	Print Resolution	Color	Productivity
35 mm (1.38")	110 mm x 110 mm (4.33" x 4.33")	900 x 600 dpi	W + CMYK	18 sec. / 4 pcs.
			W + CMYK + V	35 sec. / 4 pcs.

Specification	TUBE
Print	CMYK + White (varnish, primer optional)
Print length	Up to 220 mm
Resolution	900 x 600 mm
Maximum product	Cylindrical tubes and bottles from 0-230 mm length and diameter 18-50 mm
Printhead	Ricoh gen4
Ink	UV-LED ink, bulk system with circulation
Software	Color PRINT RIP
Operating environment	Room temperature: 16°C - 28°C Humidity: 40-70% (Recommended)

