

RSP80 – revolutionary Screen Printing



Screen Printing Machine
for Plastic Tubes

Where performance match your needs

The RSP80 is a screen printing machine that meets the main requirements of screen printing on tubes or sleeves.

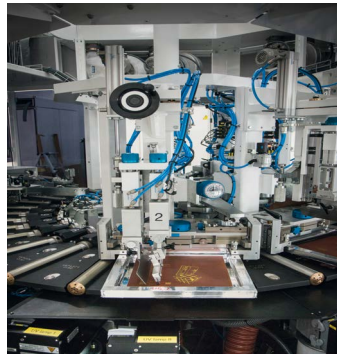
Where tubes need to be printed mainly off-line and the cost pressure for decoration is very high, the RSP80 stands out as the solution. The RSP80 is a high quality product that fully meets the high requirements from //polytype.



Screen printing has been around as long as the printing industry for good reason, providing an appealing textured image unmatched by any other decorating process. The RSP80 marries the legacy of screen printing with innovative but proven features, and the result fits well into any production facility. Conceived to be especially user-friendly, its accessibility and simplicity reduces maintenance and changeover tasks to a bare minimum.

The well thought-out user interface will allow a fast setup for new print jobs or even faster parameter recalling of previous productions. Capable of running as a stand-alone unit or to be integrated into a fully automated production line, the RSP80 can also process previously decorated tubes/sleeves and precisely position, screen print or varnish them.

- // Decorating stations configurable according to print job
- // Handling of tubes or sleeves
- // Fast product changeovers
- // Simple maintenance
- // Built to last, based on Swiss design ingenuity
- // Up to 7 colours



Fast changeover

The inventive design of RSP80 allows fast changeovers requiring very few tools, thus greatly reducing downtime.

Accessibility and convenience

Designed with a focus on the operator, RSP80 is as ergonomic as it gets. Its accessibility and ease of use will make it the machine everybody wants to work with.

TS-Grip™ mandrels

Our innovative patented design uses an aircushion during loading and unloading of the tubes/sleeves in order to guarantee a strong fit for the decorating processes. This eliminates registration problems caused by slipping.

Advanced curing for perfect overlap

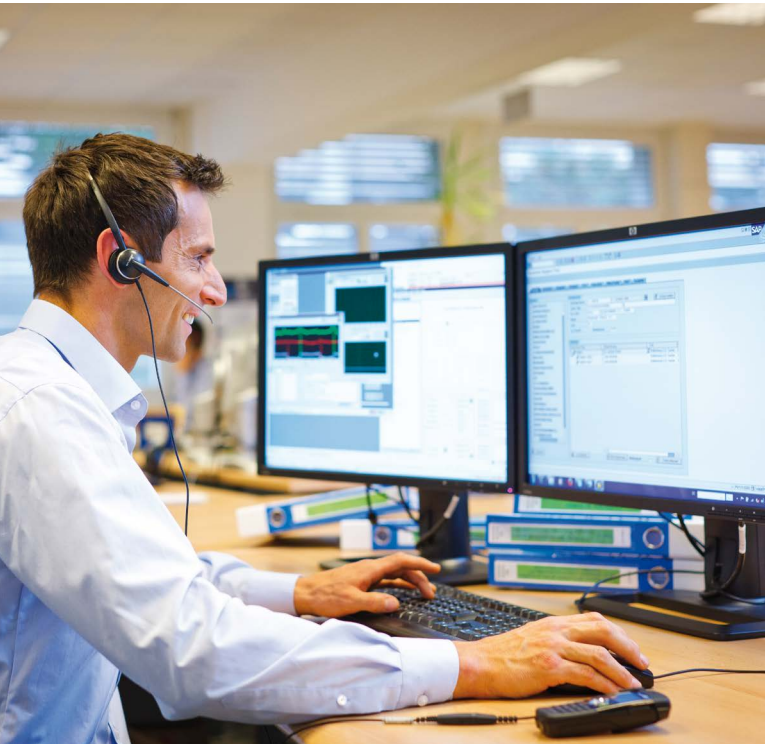
Our unique curing device design ensures that the ink is dry by the time it comes around. This eliminates any risk of smearing.

Lacquer as you need it

With the flexibility offered by the RSP80, you can varnish your tubes/sleeves prior or after screen-printing.

Service worth its weight in gold!

- // Preventative measures to extend the service life of your machine
- // Optimizing your machine for higher productivity
- // Higher availability through better trained staff
- // Process optimization to reduce waste



Our comprehensive service portfolio ensures you get the best out of your machine at all times. By offering regular maintenance, a hotline service, remote maintenance and operator and process optimization training, we help you cut costs and improve productivity. We can also offer all the consumables you need to ensure a high-quality print result. Our own well-stocked spare parts store ensures quick part replacement if anything should go wrong at any time. Just ask for our service brochure.

Our comprehensive service program offers:

- // Installation and startups
- // Hotline and remote service
- // Spare parts and supplies
- // Maintenance and repair
- // Updates and upgrades
- // Rebuild and refurbishment
- // Application support
- // Operator and maintenance training
- // Equipment relocation

Rotaris RSP8o

Speed:	80 tubes/sleeves per minute
Min/Max tube/sleeve length:	60 - 210 mm
Min/Max tube diameter:	19 - 50 mm
Tube head max height:	≤ 60 mm
Screen printing units:	Up to 7
Machine height:	2.9 m
Machine length:	4.5 m
Machine depth:	4.7 m
Machine weight:	~ 8,000 kg

Safety:

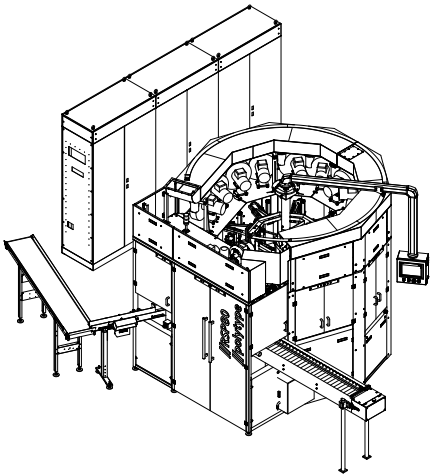
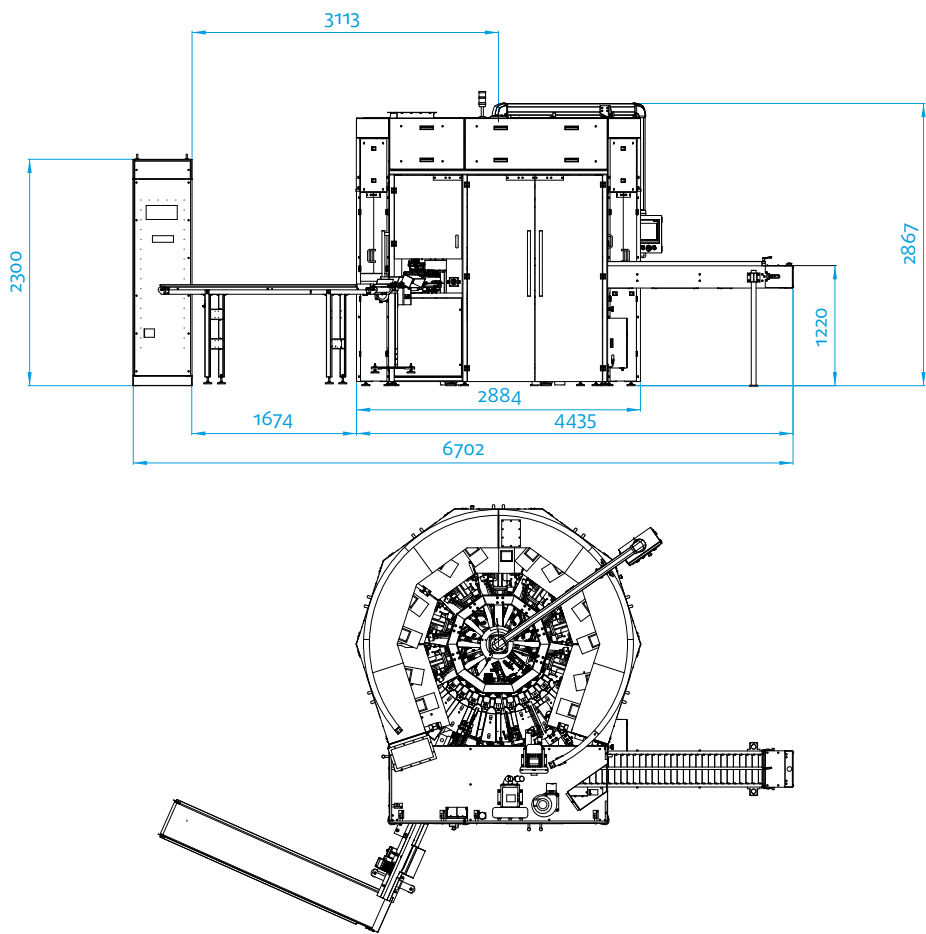
- Conforms to the highest requirements with respect to personal safety and environmental compatibility (CE conformity)

Features:

- Up to 7 UV lamps, adjustable from 2 to 6 kW power in continuous/ pulsing mode
- Separate servo-drive for transfer and printing stations
- Lacquer stretch function for matte finishes
- 12" color touch screen user interface
- TS – Grip mandrels
- Siemens controls, drives and motors
- Mark detection unit to orient pre-decorated tubes/sleeves
- Gas pre-treatment with exhaust and also dust cleaning station

Options:

- Lacquering unit
- Accumulators and inline solutions



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