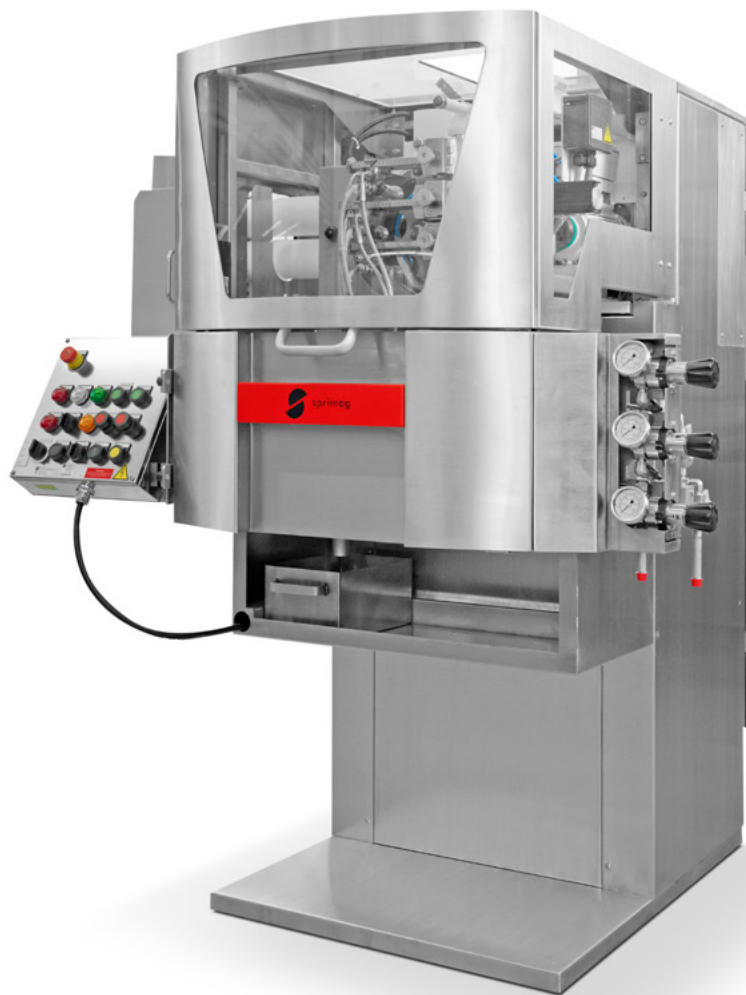


HIL-34

INTERNAL COATING MACHINE FOR BEVERAGE AND FOOD CANS



HIL-34 High reliability with high performance

The modular system of the new HIL-34 generation makes the machine a highly flexible solution for the internal coating of beverage and food cans. The main machine is available either as a stand-alone version or as a table-top version for integration into the production line.

Both beverage and food cans can be internally coated on an extremely robust base machine. By combining individual machines, the cycle rate can be adapted to the line speed.



BENEFITS

- Airless coating
- High accessibility of all relevant components
- Quick-change system for fast changeovers
- Pre-configured change parts
- Complete spatial separation of drive and coating area to prevent part contamination
- Skid-mountable:
Fully pre-piped module combination, pre-assembled on the platform, for fast and error-free installation

FEATURES

- Six vacuum supports with or without centering flute
- Up to three airless spray guns which can be swiveled out and adjusted separately
- For solvent-based or water-based coatings
- Base machines can be combined in any number
- Module capacity up to 350 cans per minute
- iTrax system (optional) for spray monitoring, timing control and spray pressure regulation
- Adjustable spray pressure for each spray gun
- Manufactured in accordance with the ATEX guideline
- Clean stainless steel design

Drive systems

The main drive system of the HIL-34 can optionally be equipped with either an indexing gearbox or a servo-drive system:



Drive system with indexing gearbox



Servo-drive system

OPTIONS

- Lacquer supply including paint temperature control
- Thermo control unit for monitoring and controlling the coating temperature
- Connection to the customer's existing exhaust system
- HMI touch panel
- Servo main drive
- Available as stand-alone or table-top version

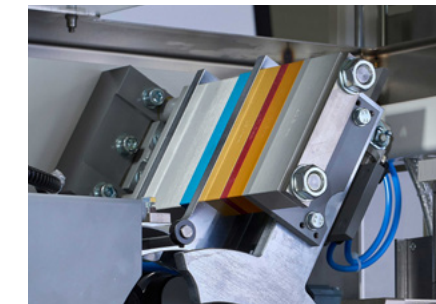


table-top version

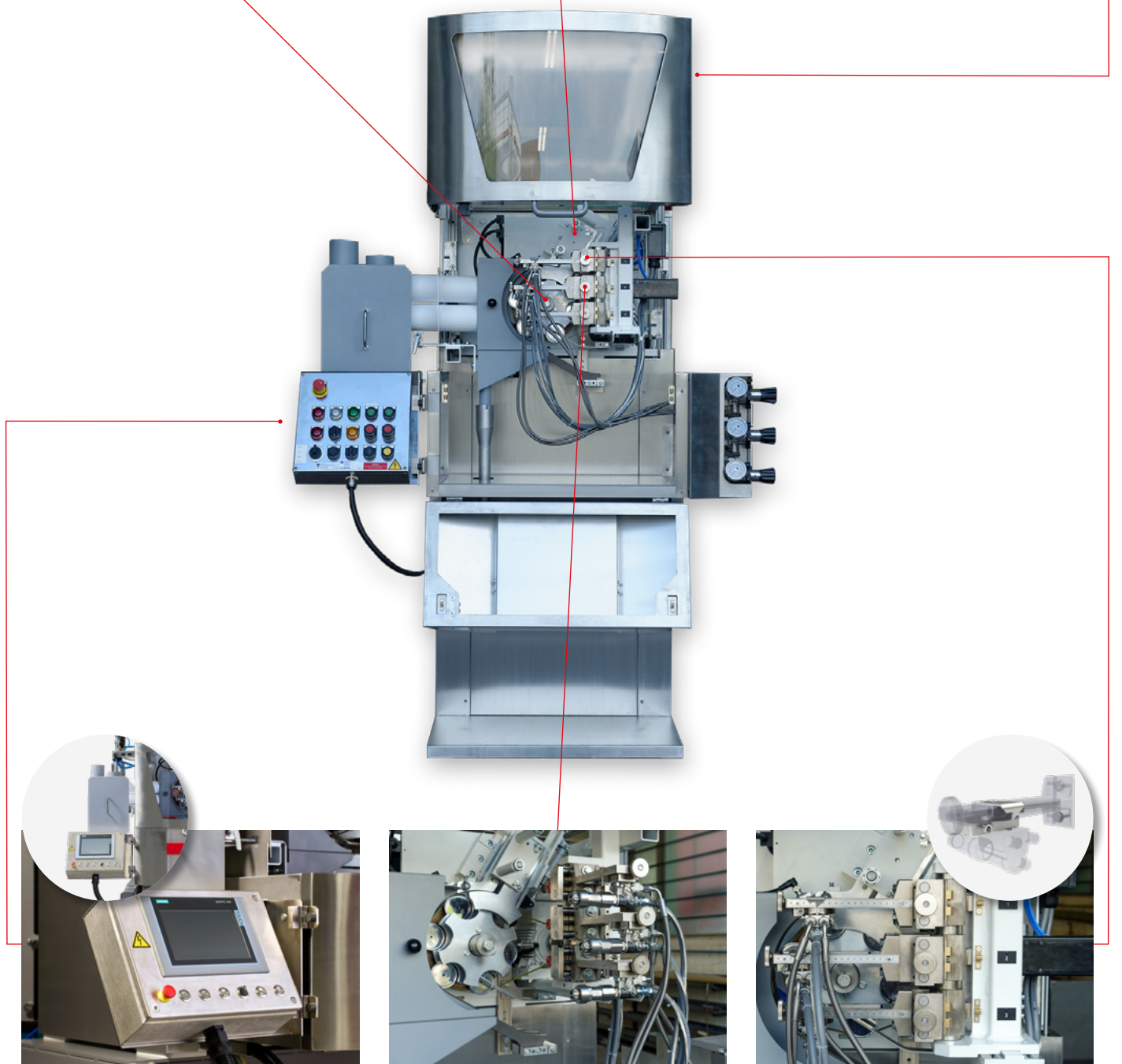
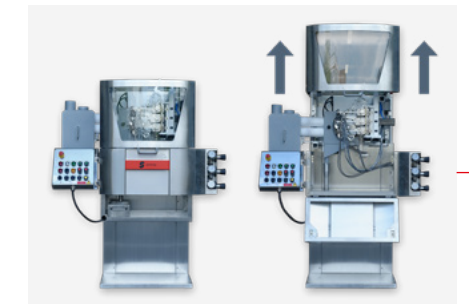
Pre-configured change parts enable easy adaptation to additional can diameters, for example for slim or narrow can formats.



Unique color-coded quick-change spacers enable particularly simple and fast conversion of the system.



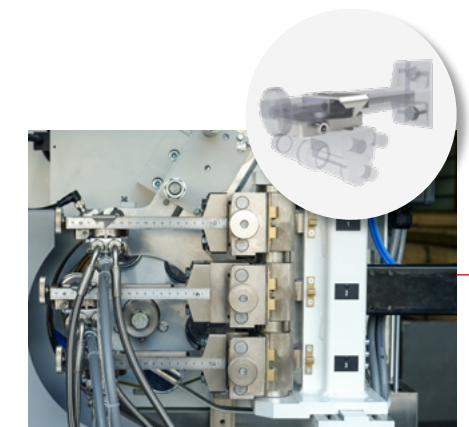
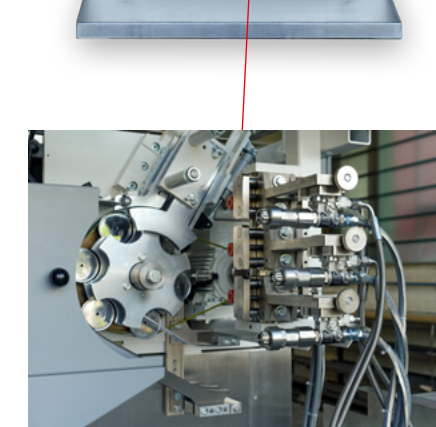
Optimized accessibility to the system through an automatable enclosure lift for fast opening and easier maintenance and cleaning tasks.



Optional: Intuitive HMI design with multi-touch technology offers new possibilities for visualization.

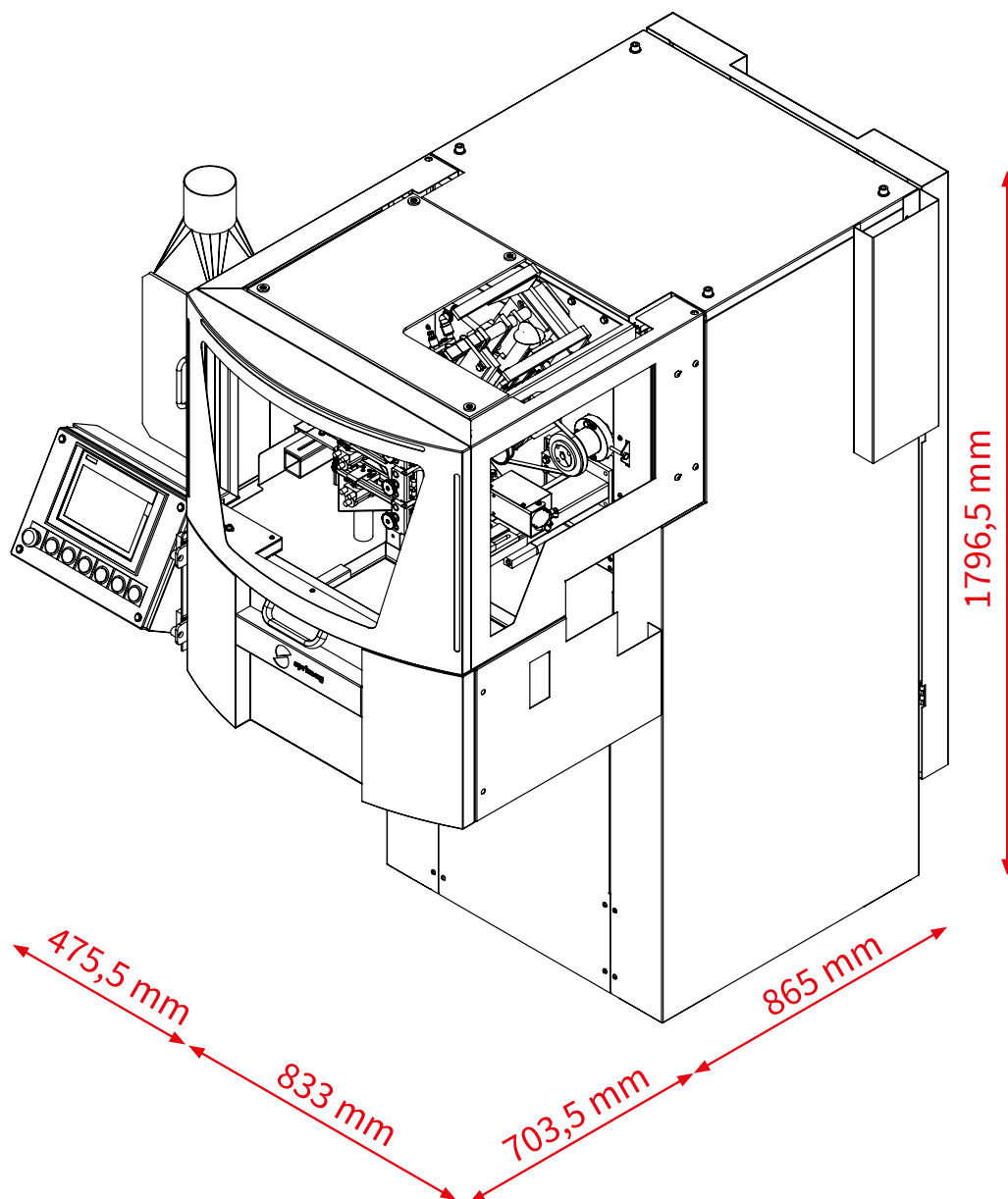


Maximum equipment configuration with up to three spray units. Thanks to the precise adjustment mount, each individual spray unit can be accurately aligned and individually adapted to the respective requirements.



TECHNICAL DATA

Parameter	Specification
Type of coating	Internal wet coating
Finished product	Beverage and food cans
Product diameter range	$D_{\min} = 46 \text{ mm}$, $D_{\max} = 92 \text{ mm}$
Product length range	$L_{\min} = 85 \text{ mm}$, $L_{\max} = 195 \text{ mm}$
Production speed	up to 350 pieces per minute
Spray guns / Spraying process	3/3 (triple pass), 2/2 (double pass)
Electrical connection power	14 kVA



Sprimag Spritzmaschinenbau GmbH & Co. KG

Henriettenstrasse 90

D-73230 Kirchheim unter Teck · Germany

Tel. +49 (0) 7021 / 579 0 · Fax +49 (0) 7021 / 417 60

www.sprimag.com · info@sprimag.de

