



The flexible all-rounder

The Z-110 platform, designed for filling both sterile and non-sterile products in the Pharma, Consumer Health, or Diagnostic sectors, comes with a comprehensive set of GMP documentation. Its compact design is a result of modular construction.

Z-110

- ✓ 100 containers/min
- ✓ Small footprint
- ✓ Rapid format change
- ✓ Multifformat
- ✓ Volumetric, rotary piston, Peristaltic pumps
- ✓ Optional LAF, oRABS etc.
- ✓ cGMP hygienic design & documentation

Capable of handling up to 100 products per minute, the machine features a hygienic design using FDA-compliant materials, tailored to meet specific user requirements. The platform is engineered for optimal uptime, enabling a swift and efficient format change without the necessity for tools. The implementation of recipe control guarantees a process free from errors. Standard features include user access, batch protocols, a compliant audit trail, and OPC UA connectivity.

The Z-110, a reliable and versatile workhorse, is a true multi-format machine capable of seamlessly transitioning between plastic, aluminum, and glass containers, regardless of whether they are cylindrical, square, or uniquely shaped. It accommodates all standard filling technologies, enabling the filling of liquids or semi-solids ranging from milliliters to liters.



Details



Flexible solutions

Suitable for a wide range of products, from low to high viscosity liquids, tablets and granules.



Compact Design

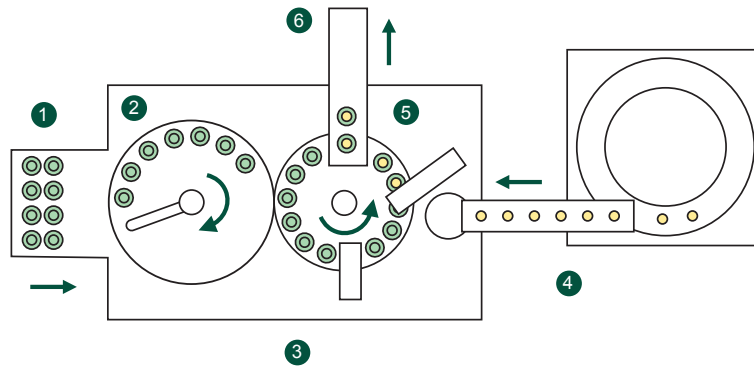
Various feeding systems available for plastic or glass containers. Unscrambling, bottle cleaning and bi flow or rotary tables.



Easy and efficient production

Multifformat design allows for switching between containers, closures and other components with different geometry.

Process illustration



- 1 Container Feeding
- 2 Turntable
- 3 Filling
- 4 Bowl feeding for caps etc.
- 5 Torque monitored cap closure
- 6 Product - Exit

Technical data Z-110

The technical data might vary, depending on the container dimensions and shapes, the product to be filled, the machine configuration and material specifications.

Outer unit diameter	Unit height	Number of processing stations	Output/min	Output/h
up to 100 mm	up to 300 mm	10	up to 100	up to 6'000

Power	Rated power	Compressed air	Dimensions
400V 3 PE N	5-20 kW	6 bar, 100 l/min	Application specific