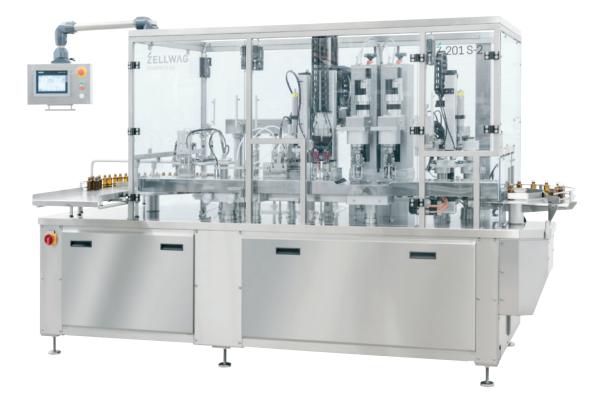


Z-201 S-2 Filling and Closing Machine



Footprint 3500 x 1800 mm

Output 4000 units/h

Configurations

Automatic container infeed (unscrambling unit) Rinsing station on board N₂ pre- and post-gassing Filling with 2 or 4 stations (50 % / 50 %) Dropper insert, stopper and cap (2 stations each) In process control dosing volume by sensor or weight control (gross / tare) Upgrade of safety hood with LAF (Laminar Air Flow) CIP / SIP-able dosing system

Products

Liquids, semi-solids (e.g. gel, cream, balm), solids (e.g. tablets, globules, powder)

Containers / closures Bottles (glass / plastic), jars, vials Dropper inserts, stoppers Screw-, pilver proof-, press-on caps, sprays, Measuring cups

Technical data

GMP Design 3 x 400 VAC, N, PE, 25 AT > 6 bar air 850 kg PLC / HMI Siemens (Rockwell optional) Pneumatics (SMC / Festo)

Format range

Diameter min - max: 16 - 55 mm Height min - max: 24 - 180 mm Oval: possible Square: possible Oversizes: possible (special versions)



Features

- Monobloc design with integrated in- and outfeed turntable
- Automatic exit of non-conform containers
- Rotating V-shaped prism transport system
- Continuously mechanically adjustable
- Adaptation of the transport system to the product diameters via setting knobs with digital counters
- Compact design with a flexible set of functional modules
- Different dosing systems can be integrated (in combination or as single system)
- Different closure infeed systems can be integrated
- Different closing systems can be integrated
- Separation of machine body and transport platform with easily accessible space

PROCESS (CONFIGURATION EXAMPLE)

Customer benefits

- Compact, space-saving design
- Easy integration of downstream systems
- Reduced number of format parts: a diameter range of
- 15 mm can be processed with one prism set
- Easy to clean
- Gentle, positive product transport (no falling over, no scratching)
- Tool-free format part change according to the poka jokeprinciple (Japanese, engl. «avoid unfortunate errors»)
- Format parts are avoided wherever possible
- All electric parameters are saved within recipes, all mechanical setting values are reproducible
- Expandable system

- 1 Infeed turntable
- Infeed rail
- 3 Seperating cylinder
- Rotaing V-shaped prism transport
- 5 Dosing pumps 2 / 4
- 6 Diving nozzle unit (filling / gassing)
- Stopperring station

- 8 Pick and place and screw capper
- 9 Pilverproof station
- 10 Cap height control
- 11 Measuring cup place station
- 12 Outfeed turntable
- Outfeed of non-conform containers