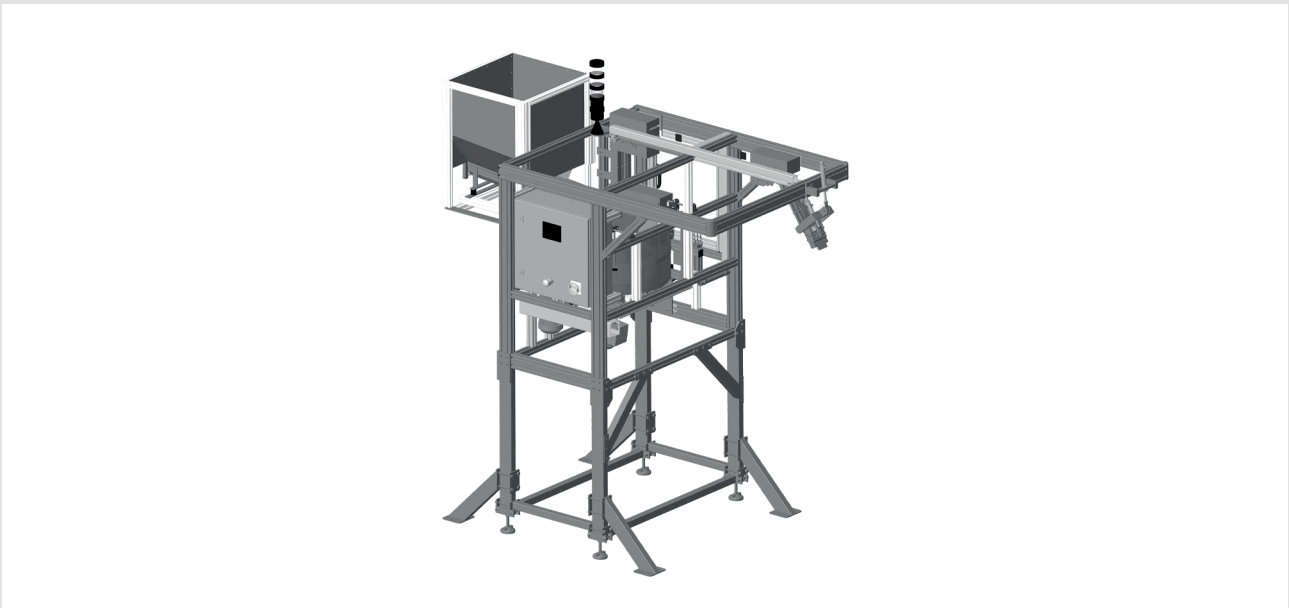


CAP APPLICATOR KZA1000



BRIEF DESCRIPTION

Using our KZA1000 cap applicator, snap-on caps in triangular fitting or Key Keg, as well as snap-on caps for flat fitting or basket fitting can be placed on different diameters barrels and kegs. During this process, caps are first conveyed from the storage bunker to the sorting drum. Caps are conveyed by air pressure to the correct position on the feed rail with electronic number monitoring. Caps are automatically transferred to the fitting head, positioned on the fitting and are then fitted. Barrels and kegs are fed in by a robot.

TECHNICAL INFORMATION

KEG PROCESSING & PERFORMANCE

- Cap type: Snap caps
- Fitting type: M-type, A-type, G-type, S-type
- Capacity: depends on the robot
- Kegs: Manufacturing tolerances are covered
- Kegs: Processing slim kegs is possible
- Keg conveyor belt speed: max. 12 m/min
- Automatic keg height adjustment and fine adjustment of cap positioning head using servo motors, from the company SEW and rack and pinion drive
- Monitoring of keg and barrel heights via light barriers
- Keg stop via cross-turn servo geared motor from the company SEW

STORAGE BUNKER & SORTING DRUM

- Storage bunker with integrated oscillating conveyor
- Sorting drum with electric-optical positioning detector for the caps and fan blower device into the conveyor shaft
- Sorting drum drive: Manufacturer SEW - 0.18 kW
- Pneumatic transportation of caps to the mounting rail
- Rocker for mounting caps on the keg flange
- Control via two light barriers
- Light barriers: Manufacturer LEUZE, 24 Volts

CONTROL & CONNECTION

- Control via PLC: Manufacturer SIEMENS S7-1500
- Control cabinet: Manufacturer RITTAL, V2A housing, electric connection load - 0.75 kW, voltage 460 Volts
- Air consumption: approx. 60 l/min (depending on load)

SECURITY

- Structure according to Performance Level C (extension to PL D possible)

HOUSING & MASS

- Substructure for belt height made of V2A rectangular tubing with adjustable calotte feet
- Adjustable position of keg conveyor (running to the left or to the right)