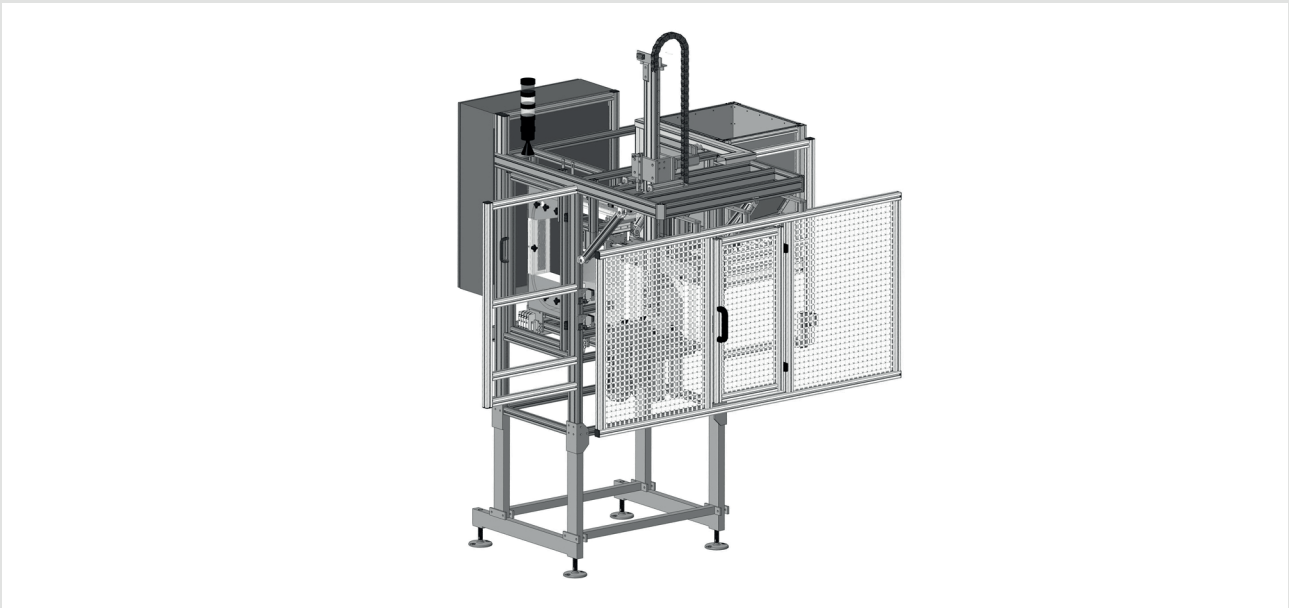


# CAP APPLICATOR AK400



## BRIEF DESCRIPTION

Using our AK400 cap applicator, snap-on caps for triangular fitting or Key Kegs as well as snap-on caps for flat fitting can be placed on barrels or kegs of different diameters. During the 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. Barrels are centred by a parallel gripper for application of the cap. Caps are automatically transferred to the fitting head, positioned on the fitting and are fitted.

## TECHNICAL INFORMATION

### KEG PROCESSING & PERFORMANCE

- Cap type: Snap caps, fitting type: Flat fitting
- max. capacity: 400 kegs/hour
- Kegs: manufacturing tolerances are covered
- Kegs: 30l EURO, 50l DIN
- Keg conveyor belt speed: max. 12 m/min
- Centric feeding of barrels and kegs is ensured by parallel grippers
- Keg height adjustment and fine adjustment of cap positioning head by using servo motors, from the manufacturer SEW and rack and pinion drive
- Keg and barrel height monitoring via light barriers

### STORAGE BUNKER & SORTING DRUM

- made of VA sheet metal for KEG protective caps
- max. capacity: 800 caps (depending on cap type)
- Storage hopper with integrated vibrating feeder
- Sorting drum with electric-optical positional detection of the caps
- Sorting drum drive: manufacturer SEW - 0.18 kW
- Pneumatic conveyor shaft to the mounting rail
- Fan: Manufacturer LEISTER - 0.25 kW / delivery height - 1,500 mm

### CONTROL & CONNECTION

- Control via PLC: Manufacturer SIEMENS S7-1500

- Display of operating status of the unit is via an indicator light/ acoustic signal
- Control cabinet: Manufacturer RITTAL, V2A housing, electric connection load - 1.00 kW, voltage 230/380 Volts - power consumption/duty 40-50 %
- Air consumption: approx. 200 l/min (depending on load)

### SECURITY

- Structure according to Performance Level C (extension to PL D possible)
- Safety grille beneath the applicator to prevent interference, obstruction or intervention
- Safety grille at the keg inlet (adapted to the largest possible keg size)
- Confirmation switch on the access doors
- Cap control via vacuum control

### HOUSING & MASS

- Framework components made of anodised aluminium profile
- Height-adjustable calotte feet
- Substructure for belt height (belt heights 550 mm to 680 mm) made of V2A rectangular tubing with adjustable calotte feet
- Adjustable position of keg conveyor (running to the left or to the right)