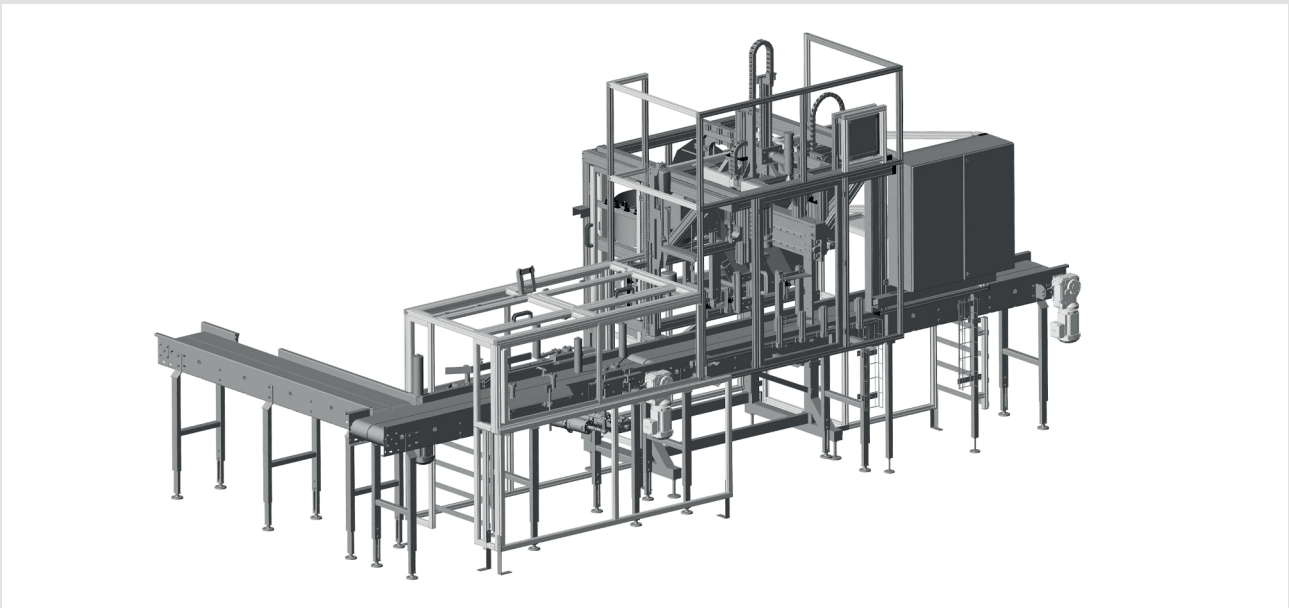


# CAP APPLICATOR AK1000



## BRIEF DESCRIPTION

Using our AK1000 cap applicator, snap-on barrels for triangular fitting or Key Kegs, as well as snap-on caps for flat fitting or basket fitting can be placed on different diameter barrels or kegs. In 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 quantity monitoring. Caps are automatically transferred to the fitting head, positioned on the fitting and fitted.

## TECHNICAL INFORMATION

### KEG PROCESSING & PERFORMANCE

- Cap type: Snap caps, fitting type: Basket fitting
- max. capacity: 1,150 kegs/hour
- Kegs: Manufacturing tolerances are covered
- Kegs: 50l DIN, slim kegs
- Keg conveyor belt speed: max. 12 m/min
- Centric feeding of barrels and kegs is ensured by the operator
- Automatic keg height adjustment and fine adjustment of the cap positioning head using servo motors, from the manufacturer SEW and rack and pinion drive
- Monitoring barrel heights via light barriers
- Keg stop via an SEW cross-turn servo geared motor

### STORAGE BUNKER & SORTING DRUM

- made of VA sheet metal for KEG protective caps
- max. capacity: 2,000 caps (depending on cap type)
- Storage bunker with integrated steel conveyor
- Sorting drum with electric-optical positional detection for caps and fan blower device into the conveyor shaft
- Sorting drum drive: Manufacturer SEW - 0.18 kW
- Pneumatic transport of caps to the cap supply rail via a side channel compressor

### CONTROL & CONNECTION

- Control via PLC: Manufacturer SIEMENS S7-1500
- Display of operating status of the unit via an indicator light / acoustic signal
- Control cabinet: Manufacturer RITTAL, V2A housing, Electric connection load - 2.00 kW, Voltage 400 Volts
- Air consumption: approx. 200 l/min (depending on load)

### SECURITY

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

### HOUSING & MASS

- Frame parts made of anodised aluminium profile
- Adjustable height calotte feet
- 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)