



SHRINK FIT MACHINE AS300

BRIEF DESCRIPTION

Our AS300 is specially designed for small to medium-sized breweries and enables reliable and fully automatic sealing of your kegs. The compact system can be installed in the tightest of spaces and is suitable for both SIGL shrink and snap-on caps. The caps are fed, placed and shrunk on in a fully automatic process very quickly, so that a maximum output of 300 barrels/h can be achieved. The AS300 can process all common cap, fitting, barrel or keg types and will reliably protect your products against tampering.

TECHNICAL INFORMATION

KEG PROCESSING & PERFORMANCE

- Cap type: Snap-on and shrink caps,
- Fitting type: M-Type, A-Type, G-Type, D-Type, S-Type.
- Max. capacity: 300 kegs/hour
- Kegs: Manufacturing tolerances are covered
- Keg conveyor belt speed: max. 12 m/min
- Centric feeding of barrels and kegs is ensured by the operator
- Kegs must be fed separately
- Manual adjustment of keg height adjustment and fine adjustment of the cap positioning head by a threaded spindle and handwheel
- Keg stop via pneumatic cylinder for centring the positioning unit in the shrink unit
- Electric air heater for shrink nozzle
- Air heater: Manufacturer LEISTER - 2.0 kW - power consumption/on-time 60-70%.

STORAGE BUNKER & SORTING DRUM

- made of VA sheet metal for KEG protective caps
- max. capacity: 1,000 caps (depending on cap type).
- Storage hopper with integrated vibrating feeder
- Sorting drum with electrical-optical cap positioning detection and fan blower device into the conveyor shaft
- Sorting drum drive: SEW - 0.18 kW
- Pneumatic conveyor shaft to the applicator rail

CONTROL & CONNECTION

- Control via SPS: Manufacturer SIEMENS
- Indication of operating status of the system via an indicator light / acoustic signal
- Control cabinet: Manufacturer RITTAL, V2A housing, electrical connection load - 2.60 kW, voltage 220/380 Volts - power consumption / duty 40-50 %.
- Air consumption: approx. 200 l/min (depending on load)

SAFETY

- Construction according to Performance Level C (extension to PL D possible)
- Safety grille beneath the applicator to prevent tampering, obstruction or intervention
- Safety grille at the keg feed-in (adapted to the largest possible barrel or keg size)
- Confirmation switch on the access doors

HOUSING & DIMENSIONS

- Framework parts made of anodised aluminium profile
- Adjustable height calotte feet
- Substructure for conveyor height (minimum floor-belt height 260 mm) made of V2A square tubing with adjustable round feet
- Adjustable position of keg conveyor (running to the left or to the right)