

## SNAP ON LID APPLICATOR (FOR CUPS) | TopLine



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### Technical Performance Characteristics

- Lid and cup processing are powered by servo motors
- Double-axis gantry used to mechanically grip the cups
- Suction gripping for the lids
- Processes cups of various heights
- Processes standard push-on lids or push-on lids with built-in spoons, cereal etc.
- Safely prepares and places the cups in the cell chain
- Lift-out unit for lifting the cups out of the cell chain
- Facility configuration for wet zones
- Expansion for date-printing unit



### Technical Data

- Trays with stacking corners, externally or internally conical
- Trays without stacking corners
- Conventional tray dimensions
- Cup diameter of 95 mm
- Cup height of 43 mm to 123 mm without format parts / format changes in the facility
- Lidding of 31,680 cups per hour
- Schneider Electric servo motors with planetary gear or angular gear
- Central lubrication
- PETG discs in aluminium frames
- Pilz safety gate switch
- Festo pneumatic components
- Schneider Electric controller
- Siemens TP 1200 Comfort HMI
- The facility configuration can be modified for higher capacities and other product-specific requirements.

### Functional Description

Lids are supplied on a circumferential lid-stack carrier system with transport system technology.

Feeder for lid stacks is set up elsewhere as the Snap on lid applicator (Cup lidding unit is in the wet zone and lid stack feeder in dry zone.) Convenient supply of the lid stacks in the lid carrier.

Transfer of lid stacks from the lid carrier to the buffer magazine of the cup lidding unit. Supply of the cups requiring lids in trays.

The cups are removed from the trays and inserted into the cup cell chain.

Safely positions the cups in the cell chain. The cell chain brings the cups through the facility stations. The lids are placed on the cups in the cell chain. The lidded cups are put back into the trays.

The empty trays are passed on via the transport system under the cell chain and out of the facility.

The A+F Snap on lid applicator (for cups) is available as a facility for a new cup line or as an extension for existing lines.

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