



## Product



**SINGLE-HEAD STAND-ALONE CAPPER  
WITH INTEGRATED FILLING STATION**



## Application



**BEVERAGE - FOOD - PERSONAL CARE  
PHARMACEUTICALS - AUTOMOTIVE**



## Highlights



- ✓ Filling with servo-driven volumetric pump
- ✓ Highly versatile machine designed for
  - plastic & glass containers
  - plastic snap & screw-caps and aluminium closure to be sealed
- ✓ Speed capacity:
  - 10-30 bpm with a single station
  - Up to 40 bpm (depending on the filled product and the bottle neck diameter)
- ✓ Small footprint
- ✓ Integrated cap elevator
- ✓ No lubrication needed
- ✓ Easy maintenance
- ✓ Fast Clean-In-Place capability

Result of the synergy between ZALKIN and PACIFIC, both Powered by Pro Mach, the **moderately priced TM300 FILLCAPP** is a **compact machine** eliminating the need for a separate filler, conveyor and capper.





## Technical features

### Application:

- **Top fill** for non foamy products (sauces, beverages, spirits, cleaning solutions)

- Optional servo linear actuator and motor for **bottom-up fill** of viscous products (shampoo, lotion, mustard, mayonnaise)

### Materials:

- stainless steel
- food-grade plastic

### Maintenance:

- no lubrication
- tool-less changeover

	Value
Top fill nozzles	semi-viscous product 1 to 100,000 centipoises
Bottom up fill nozzles	viscous product - about 3 to 6 mm particulates
Filling accuracy	about 0.25 to 0.50 % of the volume
Small machine footprint	2,800 x 2,162 x 2,951 mm
Height adjustment	common setting for filler and capper
Max Recommended Operating Speed	2,400 bph



## Technology



### Filling system

- ❖ **Top fill nozzle** with optional anti drip device
- ❖ Servo **volumetric pump**
- ❖ Product supply tank
- ❖ Zero drip vacuum collection system
- ❖ **Inclined top deck** with gutters and drain

Universal **cap sorter** type D500

Cap transfer arm with peg

### One capping head

- ❖ either magnetic or hysteresis screw-capping (with jaws or chucks)
- ❖ or push-on capping
- ❖ or sealing

Cam made of synthetic material

- ❖ without lubrication

Central part made of stainless steel

- ❖ adapted to both small and large models
- ❖ without lubrication



### Optionals

- ✓ Sensors for filling level, cap presence and capping control
- ✓ Machine roof to protect cap sorter and to slightly lower the noise level
- ✓ Bottom-up fill pistons for viscous products with large particulates
- ✓ Induction sealing process