ISO 9001

ocme
MOVING IDEAS

Products handled

- Personal care (shampoo, hair conditioning, liquid soap)
- Detergent and household products (dish washing, fabric softeners, fabric cleanears)
- Edible oil (olive, soy, corn)
- Lube oils (lubricating oils, additivies)
- Water (big bottles for water dispenser)

Main Features

- Production speed: from 3.600 up to 60.000 containers/hour
- Typical containers handled: plastic, glass, metal bottles/cans; from 50 ml to 5 liters
- Machine pitches: 104, 125, 157, 209, 314 mm
- Nr. of filling stations: (up to 112)

'Albatros' operator interface system

- Allow the setting of all working parameters
- Real time detailed diagnostic and on-line help
- Product data base
- Complete saving of production data (weights, alarms etc) on XLS file for future consulting
- Automatic calculation of the standard deviation
- Guided size change over (optional)
- Instruction manual and spare parts catalogue on the PC

Albatros control system

- Windows XP Embedded 2000
- PC720 B&R touch screen
- Tele-assistance available as an option

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ISO 9001

ocme
MOVING IDEAS

Rotary weight filler

Libra

WHY OCME?

- Monoblock construction
- New patented valve
- No shafts or impedements in the header tank (optional)
- Load cells and electronic cards
- Infeed worm-screw driven by brushless
- Tools-free changeover
- Easy operator interface with Albatros

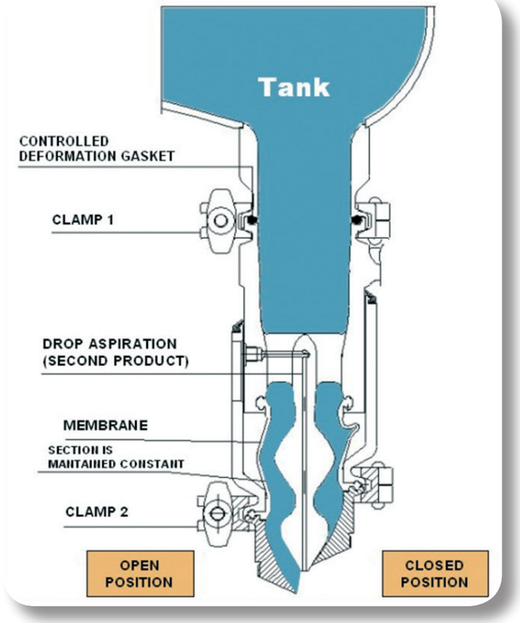
Standard valve

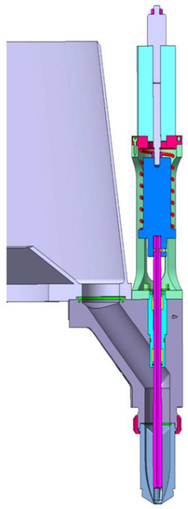
Pneumatically operated for two-stage filling (coarse and fine fill).
Nozzle equipped with a concentric hole allowing :

- the insertion of perfumes or additives (Optional)

or

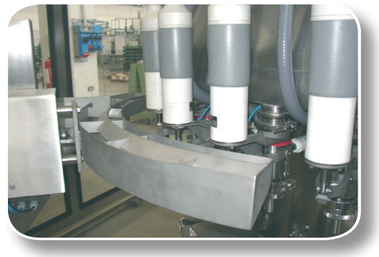
- by means of pneumatically operated device to pipe back the product after filling (guaranteeing no drip) or to blow out the tail for very viscous liquids.





Cleaning and Drainage

- Complete cleaning and drainage cycle from control panel
- Cleaning system by means of 2 spray-balls and lance
- Automatic drainage with recovery tank
- Extra gutters and discharging valves in order to reduce cycle time at minimum



New Patented Hygienic Valve

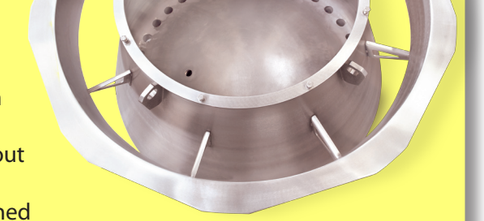
New patented hygienic nozzle, without any sliding parts and without dynamic gaskets, granting the total sanitization.

- Essential design in respect of the most demanding hygienic regulations
- Removable valve and spear valve unit by means of only two quick release clamps
- Controlled deformation gaskets
- Optimised fluid section for easy and laminar flow passage and to reduce foam.
- Spear valve with a through hole to allow the injection of additives and for drop suction or second product filling. (optional)
- Valve closure granted in no air or no electrical supply conditions

No shafts or impediments in header tank

Design according to the following regulations:

- Simple design respecting the highest hygienic standards
- Contact parts with product in stainless steel AISI 316 or others (optional)
- Finishing 0.8 µm (mirror surface - optional)
- Connecting points without welding burrs
- Tank pressurisation (optional)
- Easy clearing without stagnation
- Header tank designed to avoid product foaming and de-aeration
- Particular shape of the tank studied to reduce product volume inside



Tools-free changeover

- Rapid size change-over af all parts without tools (optional)
- Automatic height adjustment of filling heads capping (optionals)
- Quick release connections for star-wheels guides worm-screw
- Change over extremely easy and rapid,thanks to the use of colour coding for the change part

Pressurisation

Possibility of header tank pressurization by means of a rotating gasket connecting the lid (fixed) with the header tank (rotating). This is the suggested solution:

- when the product volume inside the header tank is not enough to feed the nozzles with the correct capacity (for example at the end of the production shift or when the gravity filling speed is too low);
- when the product has a high viscosity

Load cells and Electronic cards

All electronic components are placed above each filling head and each board is located on the outer part of the header tank allowing easy access. Use of off-centre cells manufactured by OCME's nominated suppliers thus guaranteeing:

- No parallelogram structure required
- Elimination of NON-VERTICAL vectorial components (the vertical reading is the one which determinates the correct weight)

Special design that makes the new load cells completely cleanable. Each electronic card controls two load cells