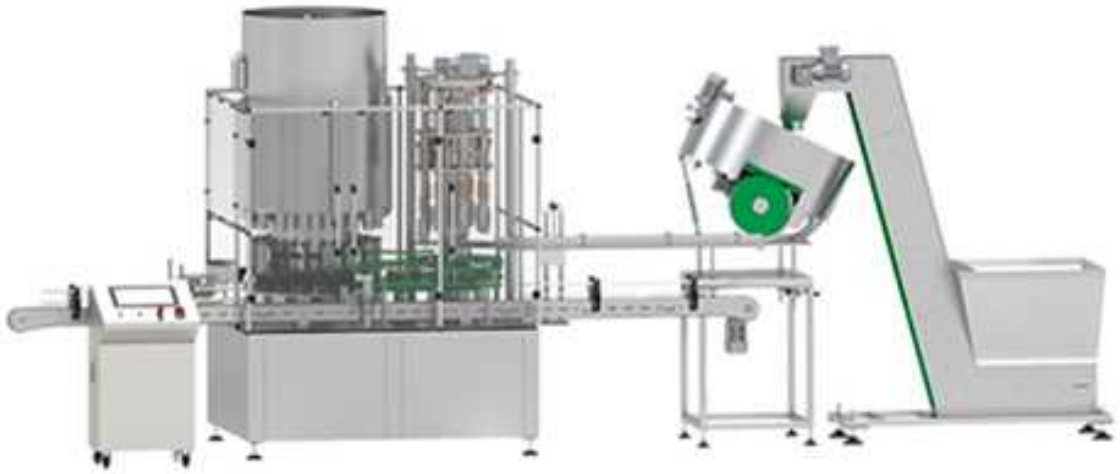
Loadcell Filling and Capping Machine M-ODM-R03



General Description

• Advanced easy-to-use Beckhoff PLC control system
• Touch screen 7" or 15" operator panel
• Automatic weight adjustment on the screen
• Tare weight checking then filling the specified weight
• Controlled and automatically corrected filling
• Special nozzle for laminar flow
• Ultra clean system, product touches two points
• Unlimited prescriptions
• Remote Access, Access and interfere with machine screens from your computer or follow production quantities.
• Input Full, Output Full and all sensors in the machine report an error on the screen.
• Door with safety contact and emergency stop
• Low electricity consumption and quiet operation thanks to variable conveyor speed
• Sensors (photocell) used on the machine SICK, KEYENCE
• Pneumatic materials used on the machine SMC, FESTO
• All reducers used on the machine are Bonfiglioli / Yılmaz Gearbox
• All 304 and 316 stainless materials used on the machine are licensed.
• Easy change in a short time
• Ease of maintenance and service
• Closed enclosure in CE norms to ensure occupational safety and environmental cleanliness

Technicial Specifications

- System: Rotary
- Working Principle: Loadcell
- Construction: Chassis is steel, surfaces in contact with the product are AISI 316, all visible surfaces are AISI 304 quality stainless
- Control Unit: Beckhoff
- Filling tank: 300lt (with precision level control) (16 packs 150 lt - 24 packs 300 lt)
- Packaging: Plastic, glass, metal
- Nozzle: Internal valve, laminar flow
- Cap type: Threaded cap, Aluminum ROPP (Roll-on pilfer-proof), Press on snap cap
- Capping system: Servo/Magnetic clamping, Piston snapping and Aluminum ROPP
- Loadcell: Vishay/Tede/Huntleigh/HBO
- Weight setting: Via touch screen
- Filling Accuracy: ± 0.3%
- Electricity Requirement: 380V, 50Hz, 3 Phase
- Air Requirement: 6-8 Bar
- Energy Consumption: 5 kW
- Air Consumption: 500 lt/min
- Weight: ~2,500kg
- Capacity: It varies according to the bottle form and product viscosity.