



ACO Packaging Ltd

SUPPLIERS OF NEW & USED BOTTLING MACHINERY FOR OVER 40 YEARS

14, Crane Mead Business Park, Ware, Herts, SG12 9PZ, England

Tel: 01920 484050 Fax: 01920 484050 E-mail: info@acosales.co.uk Web site: www.acosales.co.uk

Make : ACO
Type : FC1-1
Model : Automatic monobloc single head filling machine and single head capping machine
Year : NEW

STANDARD MACHINE SPECIFICATIONS (All details are for guidance only, and subject to confirmation)

AUTOMATIC FILLING AND CAPPING MONOBLOCK FC1-1

The machine is suitable for filling glass or plastic bottles with liquid / semiliquid products by means of a volumetric piston filler and closing the same with 1 size of plastic screw cap. All the parts in contact with the product are manufactured with AISI 316 L stainless steel and PTFE and FKM gaskets. The filling and capping stations are closed by a 600 x 600 mm cabin with front and back access door. The machine is equipped with an automatic vibrating base cap sorter and feeder and chute. The closing is performed by a magnetic clutch closing head with a 0,5 – 4 Nm torque range and a 3 sectors mechanical pliers. The distribution of the caps is performed by pneumatic system, that pushes the cap from the releasing head on the bottle neck. At the end of the conveyor belt there is an accumulation plate. 220 V-50Hz single phase or 380 V – 50 Hz motor. The conveyor belt has a 100 x 100 mm section with 82,5 mm plastic or s/steel chain with adjustable lateral guides.

TECHNICAL FEATURES:

- The body of the machine is completely made in stainless steel AISI 304 and is mounted on adjustable height feet
- All supports and shaft on the machine, that could get in contact with the product are manufactured with stainless steel AISI 304
- Dosing valves support, managed by a pneumatic system with up / down movement, stroke regulation, speed adjustment, lifting delay
- Volumetric filling unit composed by:
 - Nr 1 – Dosing unit in AISI 316 L stainless steel
 - Nr 1 – 30 litres conical hopper in AISI 316 L stainless steel
 - Tri-Clamp collars with silicone gaskets
 - Nr 1 pneumatic 1" – 3 ways valve
 - Nr 1 pneumatic 0.5" – 2 ways no drop valve with shut off nozzle
 - Flexible hoses certified FDA with crimped tri-clamp connections
- Single head capping unit composed by :
 - Nr 1 Vibrating cap sorter
 - Nr 1 Caps chute in S / S AISI 304 with photocells and releasing head
 - Nr 1 Pneumatic system for cap insertion on the bottle neck
 - Nr. 01 magnetic clutch closing head made of steel INOX AISI 304 for PRE-THREADED PLASTIC CAPS with 0,5 – 4 Nm torque regulation on the capping head
 - Nr 1 x 3 sectors mechanical pliers
- Manual regulation of the height of the capping unit
- Electrical micro switch stops the machine in case of problems on the star so as not break any bottles (in order to avoid bottles breaking and product lacking)
- Electrical photocell is posed in the enter ; in case of no arrival of bottles the machine doesn't run

All prices are in GB Pounds Sterling and are supplied ex-VAT and ex-Works unless otherwise stated. The goods hereby supplied shall remain the property of the seller until such time as payment for the product has been made in full. Any discrepancies to be made in writing within 7 days of receipt. All goods are supplied against our standard terms and conditions which are available on request.

E & O.E. Company Reg. GB996055 VAT Reg. No. 801981926



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- Electrical photocell is posed on the exit ; in case of problem on the bottling plant the machine stops
- Electrical photocell stop the machine in case the caps chute is empty as to avoid any bottles pass through the machine without to be closed. Automatically the machine start again working as the caps feeder is again full of caps
- Control panel in S / S AISI 304 with auxiliaries service at 24 volts
- Machine managed by PLC
- Height of conveyor from floor 950 ± 50 mm
- Bottles entrance and exit conveyor belts on the same side with s/steel accumulation plate

OPTIONAL ACCESSORIES

Change parts per round bottle	
Caps sorter changeover	
Cap chute changeover	
Cap chuck changeover	
ROPP capping head	



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