



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 : E1-1-1
Model : Automatic monobloc single head filler – pluggger - capper
Year : NEW

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

MONOBLOC FILLING, PLUGGING AND CAPPING MACHINE

Project description:

PRODUCT: e-liquids
CONTAINERS: 10,20,30ml round plastic bottles
CAPSULES: press on dropper and plastic screw cap (1 size)
PRODUCTION REQUIRED: maximum production about 2.000 bph

The machine is suitable for filling glass or plastic bottles with liquid / semiliquid products by mean of a volumetric piston filler with a 2-100 ml dosing range, for applying a press on dropper and closing 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 cabin with front and back access door. Machine equipped with a circular vibrating base cap sorter and feeder and a linear cap feeder for the droppers, and another unit for the plastic screw caps. The caps distribution is performed by two pick and place systems. The closure of the screw cap is performed by a pneumatic motor with adjustable torque. Rotating table inside the cabin for feeding the empty containers in the star-wheel.

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
- Rotating table inside the cabin for conveying the empty containers in the star-wheel.
- Dosing valves support, managed by a pneumatic system with up / down movement with speed adjustment
- Volumetric filling unit composed by:
 - Nr 1 – Dosing unit from 2 to 100 cc in AISI 316 L stainless steel
 - Nr 1 – 30 litres conical hopper in AISI 316 L stainless steel
 - Tri-Clamp collars with PTFE gaskets
 - Nr 1 pneumatic 0.5” – 3 ways valve
 - Nr 1 pneumatic 0.5” – 2 ways no drop valve with shut off nozzle
 - Flexible hose with crimped tri-clamp connection

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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- Dropper application unit composed by:
 - Vibrating base AISI 304 circular cap sorter
 - Linear cap feeder
 - Pick and place system
- Screw cap application unit composed by:
 - Vibrating base circular cap sorter AISI 304
 - Linear cap feeder
 - Pick and place system
 - Pneumatic motor with adjustable torque
 - S/steel chuck for 1 size of plastic screw cap
- Manual regulation of the height of the capping units
- 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
- Electrical photocell is posed on the exit; in case of problem on the bottling plant the machine stops
- Electrical photocells stop the machine in case the linear cap feeders are empty as to avoid any bottles to pass through the machine without to be closed. The machine starts automatically as the caps feeder are again full of caps
- Control panel in S / S AISI 304 with auxiliaries service at 24 volts
- Machine managed by PLC with touch screen
- Height of conveyor from floor 950 ± 50 mm
- S/steel accumulation plate at the end

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Pick and place capping unit with 180° movement at the end of a linear cap feeder

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