

The expertise gained by Coster over many years of producing aerosol filling equipment has resulted in a new generation of machines equipped with the latest technical innovations to enable rapid changeovers (product fill, propellant fill, can size).

The machine essentially consists of:

- stainless steel central body with protective guard with interlocking protections;
- a main support with 24 positions fixed to a central column;
- an intermittent rotating central table with 24 pockets to hold cans;
- a double conveyor belt to feed into and discharge cans from the central frame;
- a central manifold for all air exhausts enables quiet operation.

The machine is available both in the single pitch and in the double pitch version, with a production capacity up to 85 CPM. The unit is suitable for filling rigid (metal and plastic and glass) cans with diameters ranging from 35 to 66 mm and heights from 75 to 320 mm and with 1" and 20 mm (or 13-15-18 mm) collets. The machine requires one size set for each diameter of cans and is equipped with an automatic system to adapt to different heights of cans. The unit can also be equipped to place actuators, snap-seals, caps, etc.

The following stations can be installed on the machine to fulfill customer requirements: blowing station for can cleaning, product filling station, automatic valve or pump insertion station complete with valve detection head, vacuum station, crimping station, propellant gas filling station and automatic insertion station for components such as actuators, plugs, collars, seal caps etc.

The machine is suitable for filling all kinds of propellants: LPG, HFA, DME, CO₂ or N₂O (by means of special I.F.S. (Impact Filling System) gas metering cylinders).

All machine parts are easily accessible. A few simple adjustments allow a changeover to a different type of production. The electrical installation standard is IP55. If required, it can be made explosion-proof.



TECHNICAL DATA

Top speed: 85 CPM

Height of cans: 75 ÷ 320 mm

Diameter of cans: 35 ÷ 66 mm

Standard voltage: 400 V - 50 Hz (other on request)

Power supply: 0,73 Kw

Air consumption max: 1500 NI/1''

Air working pressure: 6 ÷ 10 bar