CONDITIONS OF SALE AND WARRANTY

1. Read carefully this operator's handbook before operating our C500 corking machine.
2. M.E.P. guarantees his C500 corking machine in case of breakages caused by faulty components or incorrect assembly.
3. Our C500 corking machine has a 12-month guarantee which begins on shipping date from St. Patrick's of Texas. This guarantee is valid only for the first owner of the corking machine.
4. Warranty only consists in replacing the damaged parts and it does include neither refunds for losses caused by the stopping of the machine nor any cost of labour or any transport cost to send the corking machine to a repair shop.
5. Any repair or modification made to the machine by unauthorized personnel will make the warranty decline.
6. We cannot be held responsible for damages due to incorrect use of the corking machine, lack in carrying out the maintenance operations or problems arisen during transport.
7. M.E.P. reserves the right to introduce changes without previous notice to the C500 corking machine; however, the supply of spare parts of the previous models will be guaranteed.

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SAFETY SYMBOLS:

General danger

Caution: refer to the operator's handbook

Caution: rotating gears. Severing of fingers.

1 TECHNICAL DETAILS OF THE C500 CORKING MACHINE

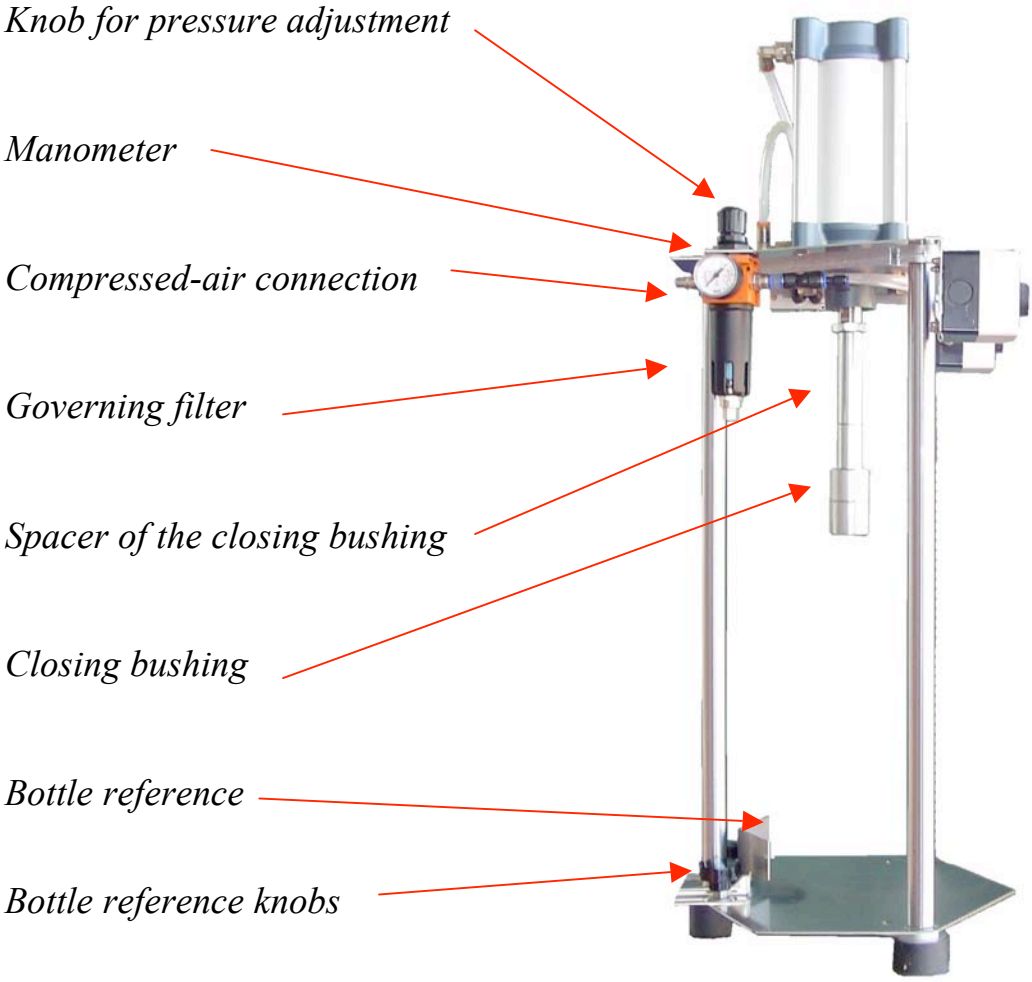
The C500 is a semiautomatic corking machine that corks bottles of different sizes rapidly and precisely using crown caps with the diameter of 26 mm or 29 mm.

The corks are applied by means of a closing central bushing that goes down and pushes strongly downwards, so that the adhesion at the top of the bottle is

guaranteed and the subsequent strain of the undulated side part of the cork is obtained.

Our C500 corking machine is made of stainless steel and other materials resistant to corrosion. It is pneumatic and it is made up of an upper plate and a lower bottle platform joined together by three vertical columns.

A pneumatic cylinder, to which the closing central bushing is screwed, is fixed to the upper plate; whereas the lower plate is the bottle housing (that is, the bottle platform).



Picture 1.

C500 corking machine:

height: 910 mm

width: 440 mm

length: 330 mm

weight: 20 kg

Air consumption at 6 bar (descent/ascent of the closing bushing): 10,49 NI

Bottle sizes

Maximum diameter: 175 mm

Maximum height: 420 mm

Corking time (descent/ascent of the closing bushing): approximately 2 seconds.

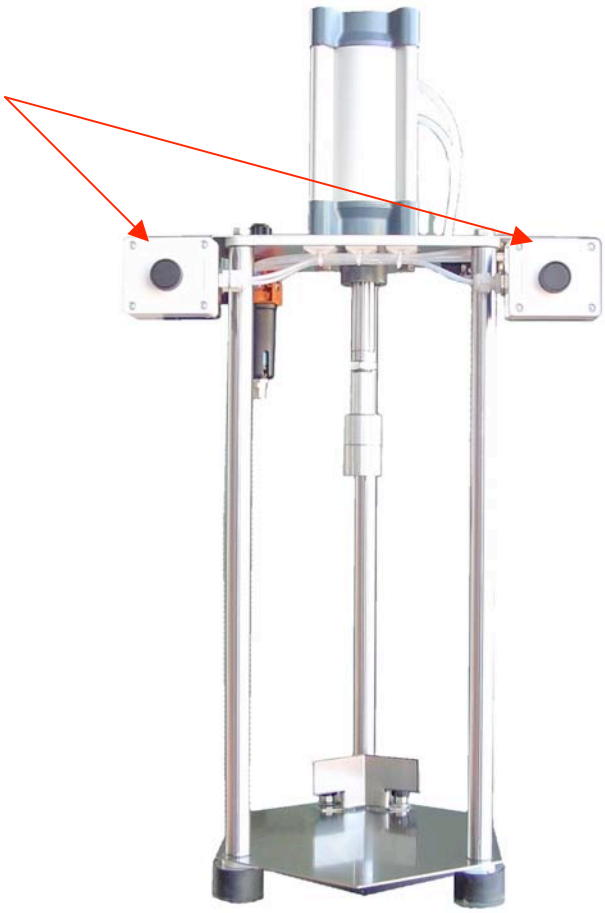
1. OPERATING DIRECTIONS

Positioning. The C500 corking machine must be placed on an even ground in a lit up room and far enough from other appliances.

The corking machine must be used by only an operator at a time and no one else should be near when the corking machine is operating.

First of all, lay a bottle on the bottle platform and lower by hand the shaft of the pneumatic cylinder on which the closing bushing is screwed. To do this, the compressed-air feeding pipe has to be disconnected from the machine.

Starting push-buttons



Picture 2.

If the bottle is too low once the cylinder has come to the end of its stroke, the closing bushing has to be unscrewed and a spacer has to be inserted between the cylinder shaft and the bushing. This spacer is optional and can be supplied on request.

On the bottle platform there is reference kept in position by two threaded knobs (see picture 1). This reference can be adjusted when the closing bushing is lowered over the bottle neck. By means of this adjustment it will be rapid to position the following bottles as regards the closing bushing: the two knobs have to be loosened and the reference has to be put in contact with the bottle.

The machine is supplied with one closing bushing that is suitable for corks with diameter 26 mm or 29 mm. Different closing bushings suitable for other cork sizes can be supplied on request.

Now connect the compressed-air pipe to the swift-clutch located on the adjusting filter (see picture 1). When one connects the machine to the compressed-air, no bottle has to be on the bottle platform.

The cork has to be put under the closing bushing where a magnet is located that keeps it in position for the corking operation.

Once a bottle is lain on the bottle platform and it is leant against the special reference, press at the same time the two starting push-buttons (see picture 2) and the bottle will be corked.

The two starting push-buttons have to be kept pressed for a few seconds more when the bushing has come over the bottle; then, they have to be released and the cylinder shaft will go back to its high position.

Check whether the first cork has been applied correctly; otherwise, increase the feeding pressure. To carry out this operation lift the adjusting filter knob and turn it clockwise. The pressure value can be seen on the special manometer (see picture 1).

The right pressure depends on the corks features. This value will be approximately 4 – 6 bar. When the pressure has been adjusted, the knob of the adjusting filter has to be lowered again.

CAUTION

When the starting push-buttons are released, both hands have to be kept on these buttons until the closing bushing has gone back to its high position.

At the end of work the machine has to be disconnected from the compressed-air feeding. It is advisable to cover the machine in expectation of a long stop.

The machine is made of stainless steel and other materials resistant to corrosion; anyway, it is not possible to use a water jet to wash it because the limestone that will form could jeopardize the proper functioning of the pneumatic components.