MONOBLOC FOR CAPSULE DISTRIBUTION &
CAPSULING

Wine Industry
Cap System
Monobloc for capsule or champagne capsule distribution

General Presentation

According to configuration this machine can include:

- A capsule dispenser and 1 or 2 capsule roller for metal capsules, or thermal crimper for PVC capsules, production rate from 1500 or 2500 btls/hour, according to outfit;
- Or 1 champagne capsule dispenser together with 1 or 2 champagne capsule folders.
According to options machine outfitted with:

**Motorized Conveyor**

- Anodised aluminium profile, created by CDA, receiving an acetal slate band conveyor, width 82.5 mm;
- Lateral transfer plate for its integration in an already existing line;
- The motorized conveyor is built on a stainless steel frame, outfitted with blue side panels in which the electrics & electronics are integrated;
- A multi-format selection screw with a frequency converter may be at the entrance of the machine to regulate the space between the bottles and the feeding speed.

**Capsule Dispenser**

- A feeding plate for capsules of 500 by 430 mm;
- Capsule diameter of 30 mm ± 2mm, bigger in option on request;
- Capsule length from 30 to 75 mm;
- Or champagne capsule dispenser system;
- Ejection of the capsules by two blowers with length and width adjustable according to the size of capsules;
- Automatic centring and hold of the bottle necks during capsule dispensing;
- Detection cell to detect the presence of the corks in order to avoid dispensing a capsule on an unclosed bottle;
- Automatic centring and hold of the bottle from 60 to 110 mm de Ø without any necessity of adjustment for bottle size change;
- Regulation of the speed and validation through the digital display;
- Motorized height adjustment.
Capsuling

- One or two capsule rollers turning at 2,800 rpm, and which slides down (110 mm slide) to roll the capsule onto the bottle’s neck;
- Or one or two thermal crimpers with heat regulation (110 mm slide);
- Or Champagne foil folder;
- The height adjustment is motorised and regulated through the digital display;
- The bottle holders are ensuring an automatic centring and hold of all diameters from Ø 60 to 110 mm without necessity of adjustment for bottle size change;
- Bottle neck diameter: 30 mm ± 2 mm;
- Regulation of the sliding speed (up & down) through independent air limiters;
- Speed regulation and validation of the capsulling process through the digital display;
- Pre-positioning system for champagne foils with a spot detection camera to orientate the foils before folding.

Technical Description

<table>
<thead>
<tr>
<th>Performance</th>
<th>Up to 2,500 btl/hour according to outfit *800 btl/h with the option champagne capsule crimper</th>
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</thead>
<tbody>
<tr>
<td>Approximate weight in kgs</td>
<td>135 Kg*</td>
</tr>
<tr>
<td>Machine width</td>
<td>740 mm*</td>
</tr>
<tr>
<td>Machine height</td>
<td>1800 mm*</td>
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<tr>
<td>Machine length</td>
<td>2100 mm*</td>
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<tr>
<td>Conveyor height</td>
<td>925 mm*</td>
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<tr>
<td>Control</td>
<td>By digital display</td>
</tr>
<tr>
<td>Absorbed power</td>
<td>2 Kw</td>
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<tr>
<td>Power supply</td>
<td>380 V ~ 50 Hz 16A</td>
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<tr>
<td>Air consumption</td>
<td>20 m³/hour maxi at 6 bars – Dry air non lubricated</td>
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<tr>
<td>Ideal running temperature</td>
<td>From 10°C to 30°C</td>
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</tbody>
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Schematic Cap System