TWO-PIECE HARD CAPSULES

-HOW TO FILL AND
PREVENT LEAKAGE
IN-LINE LICAPS 20+CAPSEAL 20
TWO-PIECE HARD CAPSULES
LIQUID FILLING AND BAND SEALING LINE

The LiCaps 20 Two-Piece Hard Capsules Liquid Filling and Band Sealing Line is adopt with Germany liquid pump, Japan yaskawa servo feeding system and the closed turntable design which can ensure the measuring precision within ±1.5%. The machine can fill oily liquid, liquid, suspension liquid or paste etc. This high-precision, cGMP compliant, development-scale machine automatically fills and seals two-piece capsules with liquid or semi-solid formulations.

The CapSeal 20 Hard capsule sealing machine has realized improvement in stability of drug products by preventing leak from the capsule filled with oily drug, preventing oxidation of the drug, and having deodorization effect. Hence, it enables high precision sealing of hard capsules, allowing manufacturing of drugs with excellent physical stability.
Features:

- Up to 20,000 capsules/hour
- Liquid filling and sealing with one automatic machine
- Siemens PLC and touch screen control
- Handles both oil or paste substance
- Designed for ease of use and high reliability, with the ability to quickly clean and change capsule sizes with optional parts
- Enclosed main turn table avoid dust getting into mechanical parts.
- Product integrity ensured with gentle handling of capsules before sealing and during the drying cycle
- Advanced Germany liquid pump
- Efficient capsule separation by means of vacuum.
- Safety interlocked guarding
- Alarm for door open
- Alarm for lower level of capsule
- cGMP compliant
- CE Marked
## Technical Data

<table>
<thead>
<tr>
<th>Description</th>
<th>In-Line LiCaps 20+CapSeal 20</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Oil Filling Head</strong></td>
<td>6</td>
</tr>
</tbody>
</table>
| **Application range**        | Capsule sizes: #00, #0, #1, #2, #3  
Each size requires a set of capsule tooling. |
| **Max. output**              | 20,000 capsules/h  
(actual speed depends on formulation characteristics, filled volume, capsule size .. etc) |
| **The filling accuracy**     | ±1.5%                        |
| **Power source**             | 380V, 3 phase 5 wire, 50 HZ |
| **Power consumption**        | 3KW                          |
| **Machine dimensions**       | 3800(L) x 900(W) x 1700(H) mm |
| **Machine Weight**           | 2300 Kg ( Approx )           |
The LiCaps 40 Capsule liquid filling machine is adopt with Germany liquid pump ,Japan yaskawa servo feeding system and the closed turntable design which can ensure the measuring precision within ±1.5%. The machine can fill oily liquid, liquid, suspension liquid or paste etc. This high-precision, cGMP compliant, development-scale machine automatically fills and seals two-piece capsules with liquid or semi-solid formulations.
Technical Data | LiCaps 40
---|---
Oil Filling Head | 10
Application range | Capsule sizes: #00, #1, #2, #3
Each size requires a set of capsule tooling.
Max. output | 40,000 capsules/h
(actual speed depends on formulation characteristics, filled volume, capsule size .. etc)
The filling accuracy | ±1.5%
Power source | 380V, 3 pH, 50 Hz
Power consumption | 6KW
Machine dimensions | 960(L) x1000(W) x1900(H) mm
Machine Weight | 900 Kg (approx)
CAPSEAL 40

-FULLY AUTOMATIC HARD
CAPSULE SEALING MACHINE
The CapSeal 40 Hard capsule sealing machine has realized improvement in stability of drug products by preventing leak from the capsule filled with oily drug, preventing oxidation of the drug, and having deodorization effect. Hence, it enables high precision sealing of hard capsules, allowing manufacturing of drugs with excellent physical stability.

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<th>Technical Data</th>
<th>CapSeal 40</th>
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<tr>
<td>Application range</td>
<td>Capsule sizes: #00, #0, #1, #2, #3</td>
</tr>
<tr>
<td></td>
<td>Each size requires a set of capsule tooling.</td>
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<tr>
<td>Max. output</td>
<td>40,000 capsules/h</td>
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<td></td>
<td>(actual speed depends on formulation characteristics, filled volumn, capsule size .. etc)</td>
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<tr>
<td>Sealing Conditions</td>
<td>Room temperature(25℃ 50%RH)</td>
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<tr>
<td>Power source</td>
<td>380V , 3 pH, 50 Hz</td>
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<tr>
<td>Power consumption</td>
<td>2.2 KW</td>
</tr>
<tr>
<td>Machine dimensions</td>
<td>2800(L) x1650(W) x800(H) mm</td>
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<tr>
<td>Machine Weight</td>
<td>1200 Kg ( approx )</td>
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</tbody>
</table>
SaintyCo also offer:

Softgel Manufacturing Line
Capsule Printer
Capsule Counting Line
Cartoning Systems
Blister Packing Solutions