IN-CASE LIQUID FILLING & CAPPING SYSTEM

Model  IFC-15*

*Patent Pending

- World Class / Just-in-Time packaging system minimizes Inventory, lead time, and labor costs

- Fills up to 15 cases/minute or 30 cases/minute with dual lane system
Process Flow:

1. **Case Check**
   - Infeed Vision System inspects presence and orientation of containers in each case and rejects cases with missing or improperly oriented containers.

2. **8 Filling Heads** fill containers in two cases simultaneously on the continuously moving conveyor.

3. **Weight Check System** Automatic fill weight verification and correction for each nozzle.

4. **Caps are Laser Coded**

5. **4 Servo Driven Capping Heads** cap containers in two cases simultaneously on the continuously moving conveyor.

6. **Cap Application / Removal Torque Check System** Torque is checked manually or automatically during production.

7. **Case Flaps** are closed and sealed.

8. **Cases are Palletized**

9. Palletized cases are loaded onto tractor-trailer and shipped.

FROM A TRAILER LOAD OF EMPTY CASED CONTAINERS TO A TRAILER LOAD OF FILLED CASED CONTAINERS IN LESS THAN 2 HOURS
The FILAMATIC® Multi-functional, continuous motion, In-Case Liquid Filling and Capping system provides a cost-effective method for liquid filling and capping prelabeled containers held in reshipper cases. Prior to filling and capping, the Model IFC-15 opens flaps, and inspects the cases to insure that the containers are present and properly oriented. Containers are filled in their cases by eight servo controlled rotary pumps. The flow rate of the product is synchronized to the movement of the nozzles as they rise from the bottom of the container to maximize filling speeds. Each nozzle is equipped with a shut-off valve in its tip and a suck-back system to prevent dripping. Two servo driven CAPAMATIC® dual spindle, automatic capping machines apply the caps to the filled containers. Wonderware® enhanced operator interface is programmed to step the operator through system set-up instructions. The case indexing system moves the case through the various stations in synchronization with the travel of the walking beam filler and capper preventing splashing and case damage. The Model IFC-15 requires less floor space, fewer operators, is quieter and changes over much faster than conventional incase liquid filling and capping systems.
Mirror Image Dual Lane System enables same personnel to operate and service both lanes, thereby reducing labor costs.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Products</th>
<th>Fill Volumes</th>
<th>Fill Accuracy</th>
<th>Production Rate for a Single Lane</th>
<th>Production Rate for a Dual Lane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquids</td>
<td>Up to 300 oz.</td>
<td>0.5% or better</td>
<td>Up to 15 cases/min. (up to 4 containers per case)</td>
<td>Up to 30 cases/min. (up to 4 containers per case)</td>
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</tbody>
</table>

**FREE TESTING SERVICE.**

We shall be happy to test run your product, at no cost or obligation, to determine the most suitable FILAMATIC system which best meets your needs. Call our Technical Sales Department today!

*Patent Pending*