



### Requirements and Solutions

The Innofill Can DVD is a computer-controlled, pressure filling system for the canning of carbonated and non-carbonated beverages. This filler operates according to the volumetric filling principle. Short product paths ensure high product safety. The Innofill Can DVD is characterized by its high degree of flexibility and short changeover times. Various can formats can be processed using just one centering bell. The Innofill Can DVD achieves filling capacities of up to 132,000 cans per hour. The can filler is equipped with servo drives and electrically blocked with a can seamer. All processing sequences of the Innofill Can DVD are automated and all processes are documented and reproducible at all times.

### Key Features

- The filler, transfer stars and seamer are synchronized by up-to-the-minute servotechnology
- The cans are fed to the filler standing on their bases and brought up to pitch by a feed screw
- The centering bell incorporated into the CIP process seals the can against the filling valves
- Filling valve with an aseptic sealing system
- Patented purging process ensures minimum oxygen pickup
- Volumetric filling principle; IFM determines fill levels
- Computer-controlled filling system
- The filling process can be optimized for each type of beverage and volume of can
- The filling parameters are determined once and then stored by product type

### Standard Equipment

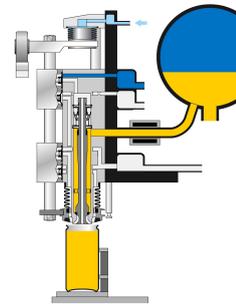
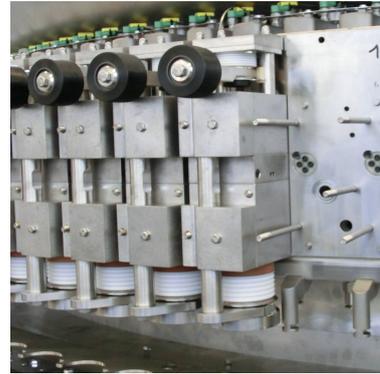
- Simple machine design compliant with hygiene regulations
- Motor-driven height adjustment for processing of various can heights
- Tubular ring vessel, distributor ring, and filling valves bolted on the outside
- Electromagnetic inductive flow metering to determine filling volumes
- Filling valve with just five pneumatic cylinders to control the filling process
- Manually inserted CIP caps for loss-free sanitizing
- Quickly changeable format parts
- Electrical synchronization with the can seamer
- The free-standing, wrap-around paneling with electrically secured folding doors provides excellent access to the machine





#### Benefits

- The Innofill Can DVD is characterized by its high machine availability and intuitive operation
- An electromagnetic, inductive flow meter (IFM) is used to measure filling volumes, thus ensuring high filling accuracies
- Filling volumes are adapted and changed at the operator terminal
- Multiple purging with CO<sub>2</sub> for low oxygen pickup
- Low CO<sub>2</sub> consumption thanks to the use of a patented purging process
- Closed CIP circuit for effective sanitizing
- High level of product safety and short cleaning times
- Low complexity for low maintenance costs



Service	Technical Data	Filler pitch circle / capacities in cans/hour *
<ul style="list-style-type: none"> <li>· Worldwide service</li> <li>· Customized layout</li> <li>· Full system planning</li> <li>· Manufacture of turnkey systems</li> <li>· Fast supply of spare parts</li> </ul>	<p>Can volume: 0.135 to 0.5 liters; optionally 1.0 liter</p> <p>Filling temperatures: 4 - 20° C (cold) / up to 85° (hot)</p> <p>Can heights: 60 - 200 mm</p> <p>Can diameters: 53 - 73 mm</p> <p>Filling volume accuracy: s = 0,9 - 1,0 ml</p>	<p>1.600 / 13.000 to 50.000</p> <p>1.920 / 27.000 to 60.000</p> <p>2.166 / 32.000 to 72.000</p> <p>2.622 / 43.000 to 90.000</p> <p>3.078 / 51.000 to 99.000</p> <p>3.534 / 60.000 to 105.000</p> <p>4.104 / 73.000 to 114.000</p> <p>4.674 / 80.000 to 120.000</p> <p>5.244 / 85.000 to 132.000</p>
<p>Options</p> <ul style="list-style-type: none"> <li>· Universal centering bells</li> <li>· Hot water flushoff and foam cleaning for various machine areas</li> <li>· Automatic CIP cap infeed</li> <li>· Sanitary room</li> </ul>		<p>* The capacity depends on the type of can and the product to be filled.</p>