



Requirements and Solutions

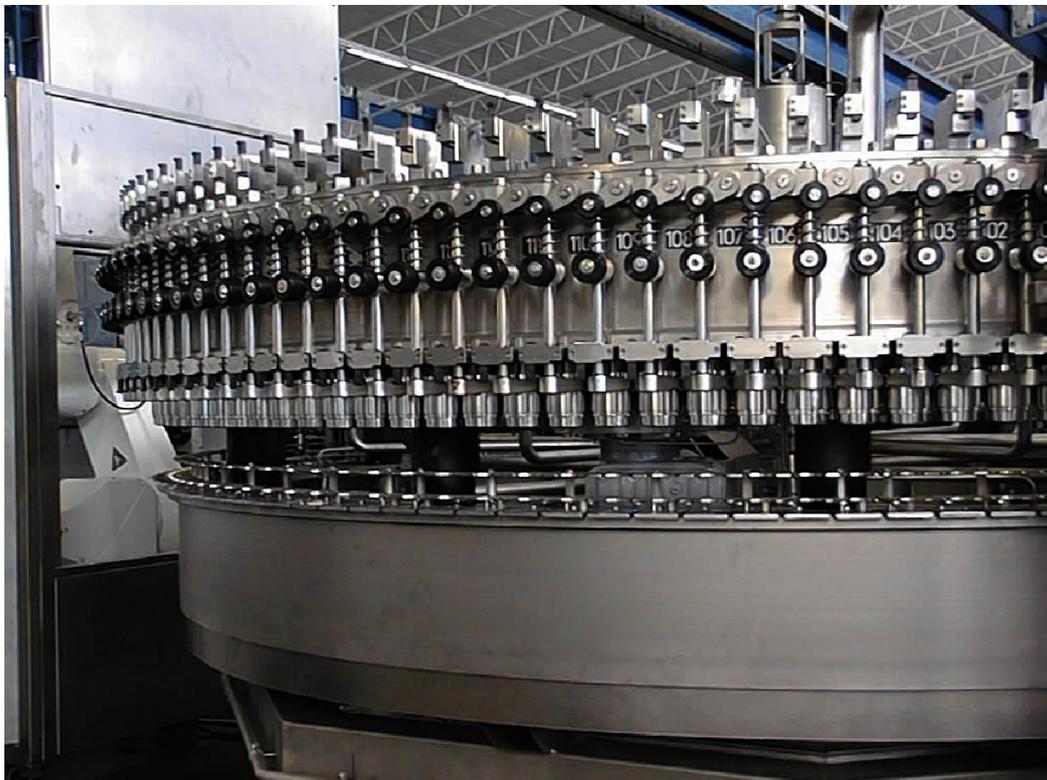
The Innofill Can DMD is a mechanically controlled can filling system equipped with return gas tubes. The Innofill Can DMD is designed to fill beer, fruit juices, carbonated soft drinks, mineral water, and non-carbonated beverages in cans. It is also able to hot-fill products such as juices. This filling system achieves filling capacities of up to 120,000 cans per hour while adhering to exact fill levels without product loss. All sequences of the Innofill Can DMD are automated and all processes are documented and reproducible at all times.

Key Features

- The filler is driven by a universal shaft leading from the main drive of the can seamer
- The cans enter the canning machine over a single-lane conveyor belt driven by the machine
- The feed screw brings the cans up to the machine pitch
- An infeed star feeds the cans to the machine
- Filling stops when the level of product reaches the return gas tube

Standard Equipment

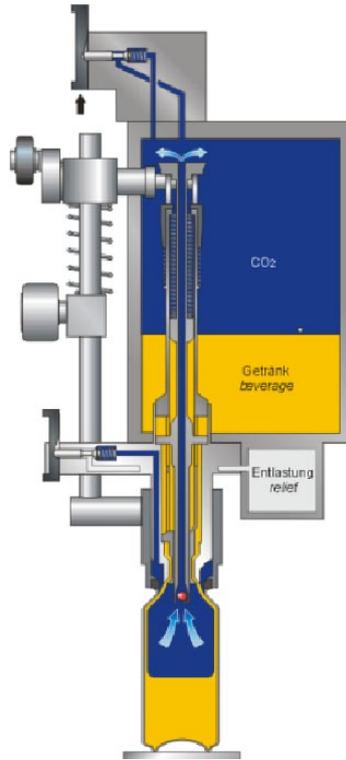
- Simple machine design compliant with hygiene regulations
- Motor-driven height adjustment enables processing of various can heights
- Bells are lowered to seal the cans against the filling valves
- Fill levels are determined by return gas tubes and gas locks
- A central height adjustment facility corrects the average fill level
- Manually inserted CIP caps ensure loss-free sanitizing
- The wrap-around cladding with electrically secured, folding doors provides excellent access to the machine





Advantages

- The Innofill Can DMD is characterized by its high level of flexibility and ease of operation
- The return gas tubes ensure exact fill levels
- With the help of the fill adjustment facility, the filling system is able to change the average fill levels in the cans thereby eliminating the need for changing return gas tubes
- The simple machine design in compliance with hygiene regulations enables effective machine sanitizing
- Not using lifting elements reduces the cost of maintenance



Service

- Worldwide service
- Customized machine design
- Complete line design
- Turnkey systems
- Fast supply of spare parts

Options

- The machine can be optionally equipped with various machine exterior cleaning facilities
- Hot water flushing and foam cleaning for various machine areas
- Quickly changeable format parts

Technical Data

Can volumes

0.135 l – 0.5 l (optionally up to 1.0 l)

Filling temperatures

4 – 18°C (optional hot filling at up to 95°C)

Can heights

60 – 200 mm

Can diameters

53 – 66 mm (optionally up to 73 mm)

Fill level accuracy

s = ±0.6 mm (depending on the type of can)

Pitch circle/Filling stations/Capacity (cph)*

1,600/30, 40 or 50/13,000 – 50,000
 1,920/60/27,000 – 60,000
 2,166/76/32,000 – 72,000
 2,622/92/43,000 – 90,000
 3,078/108/51,000 – 99,000
 3,534/124/60,000 – 105,000
 4,104/144/73,000 – 114,000
 4,674/164/80,000 – 120,000

* The capacity depends on the pitch and the type of can and product to be filled.

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