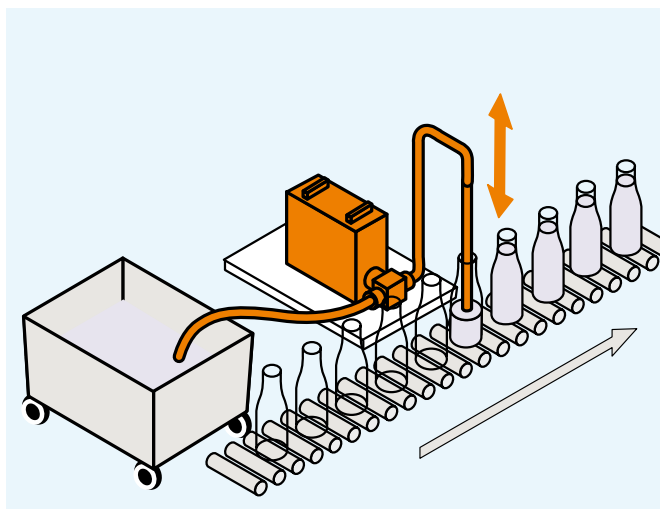


Detergents – bottle filling

FILLFLEX
– the flexible filling machines

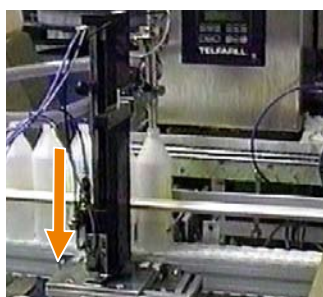


A chemico-technical company is manufacturing different types of detergents, often with foaming properties. They need a fast and efficient filling line for 1-litre bottles.

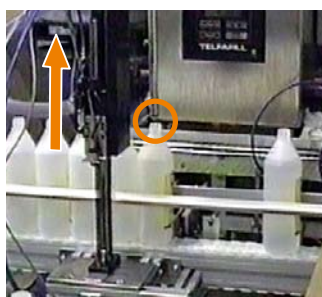
Solution

We recommended a Fillflex Compact equipped with a pneumatic bottom filler. To avoid foaming the filling lance is lowered into the bottle prior to filling.

The whole filling sequence can be programmed down to the details. That means that the filling speed is highest during the phases where the foaming tendency is low. This will enhance the production rate. Start and stop is controlled automatically from the conveyor.



The filling lance is at its lowest position and has started to fill in a "foam-damped" mode.



The filling is completed and the lance is pulled out of the filled bottle (circled).



Fillflex is space-saving and easy to put in place.

Advantages

- despite compact design Fillflex Compact perform excellent in large scale automated production
- all Fillflex machines have built-in conveyor communication capability
- high reliability of service
- low investment costs

Fillflex Compact is used on a daily basis. It offers high reliability of service and works totally integrated with other equipment as conveyors and packaging machines.

Selected filler and equipment

Filling machine: F5500C28320

Filling lance: TFV 20130-14

Bottom filler: TFA 10100

Bottom filler and valve control: TFA 10160

Suction hose, hose nipple, nut and gaskets.