



Liquid Filling and Closing Machines IMA F400S

Images

Product details

Category:	Sold
Machine:	F400S
Machine code:	22MF157-22MF158
Manufacturer:	IMA
Year of construction:	2006

Description

The F400S is a closing filling machine designed to perform in-line filling and capping operations for aseptic glass bottles. The machine consists of the following units: bottle infeed conveyor, screw conveyor unit, filling carousel, capping carousel, bottle outfeed and rejection carousel, syringe unit, chasing nozzle head, transfer carousel, vibrating cap sorter, bottle rejection conveyor, bottle outfeed carousel, transfer carousel, post-fill gassing tunnel, laminar flow, sampling belt, pre-corking gassing tunnel, bottle stop piston.

SECTOR OF USE:

Pharmaceutical, chemical, cosmetic, food, dietary, medical devices, manufacturing.

PECULIARITY:

The bottles are brought to the first conveyor star by the incoming conveyor belt, passing by an auger that has the function of putting the bottles in phase with the carousel itself, then they are passed to the second transfer star and given to the filling carousel. The full bottle is then passed to the capping carousel. At the end of the operation, the finished product is passed from the exit carousel to the exit or rejection belt.

The various operational phases are briefly divided into:

- conveyance of incoming bottles,
- filling bottles,
- tapping bottles,
- flowing bottles,
- discarding non-compliant bottles or sampling.

Last format processed: 100 ml glass bottle, cap diameter 30.9 mm, flip-off ring diameter 37.0 mm.

The filling machine is complete with rotary table, LAF filtration hood system, 100 ml format and modular transmitter brand Mettler Toledo model M700 which with ISM technology allows perfect integration of sensor diagnostics.

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