

EFM

MACHINERY

SPECIALIST IN FILLING & PACKAGING LINES

SERVO CONTROLLED PISTON FILLING MACHINES



Standard equipped with:

- Entire construction made from stainless steel
- All process / product contact elements made from stainless steel 316
- Servo controlled pistons
- Siemens PLC and touchscreen
- Servo controlled filling nozzle bridge
- Stainless steel product tank with product level control
- 360° collection drain
- Polycarbonate safety casing
- Standard components such as Siemens, Festo, Sick, etc.

Available models per capacity

| 4-head | 6-head | 8-head | 10-head |
|-----------|-----------|-----------|-----------|
| 2,400 bph | 3,600 bph | 4,400 bph | 5,200 bph |

Exact capacity based on volumes, viscosity, foaming products, filling nozzle diameter and packaging stability.

Examples of applications

- Food:** Cold and hot sauces, marmalades, peanut butter, chocolate paste, water, dressings, (coconut) oils, fruit juices, dairy products, etc.
- Non-food:** Cleaning agents, dishwashing products, fabric softeners, motor oil, lubricants, etc.
- Cosmetics:** Creams, shampoo, gels, deodorant, lotions, liquid soaps, etc.

Examples of packaging

Bottles, jars, cans, top-downs, tins, bowls.

Standard volume ranges

15cc - 260cc 25cc - 385cc 50cc - 1.100cc

EFM Machinery

Over 20 years' experience in building filling and capping machines

Development, construction and showroom centrally located in The Netherlands (approx. 10 minutes from Schiphol Amsterdam International Airport) with complete engineering, control boxes and PLC programming with optional remote support and our own service engineers.

All machines are delivered with CE marking, CE certificate and all required documentation.

Options and available upgrades

- Automatic height setting filling bridge
- Extra set filling nozzles
- Filling bridge in automated rinsing position to rinsing tank
- Rinsing manifold in closed cleaning circuit
- Piston extractable from cylinder to clean or replace seals
- Individual bottle centering detection
- Hydraulic height adjustment for bottle centering detection
- Lift system for product tank
- Heated product tank
- Agitator in product tank
- Spray balls in product tank
- Product feeding pump
- Nitrogen injection
- Complete top-cover
- Safety glass instead of polycarbonate
- Bottle counter
- Remote assistance