

EFM

MACHINERY

SPECIALIST IN FILLING & PACKAGING LINES

MONOBLOCK LINEAR FILLING & CAPPING MACHINES



Standard equipped with:

- Construction made from stainless steel
- All process contact elements made from stainless steel 316
- Filling segment up to 6-heads (servo piston or flowmeter)
- Siemens PLC and touchscreen
- Servo controlled filling bridge
- Polycarbonate safety casing
- 360° collection drain
- Standard components such as Siemens, Festo, Sick, etc.

Available models per capacity

2.1	4.1	6.1
1,200 bph	2,200 bph	2,600 bph

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

Examples of applications

- Food:** Sauces, jams, peanut butter, chocolate paste, dressings, oils, juices, dairy products, etc.
- Non-food & chemical:** Cleaning agents, dishwashing products, fabric softeners, plant nutrients and fertilizers, motor oil, lubricants, windshield washing liquids, brake fluids, acetone, alcohol, etc.
- Cosmetics:** Creams, shampoo, gels, deodorant, lotions, liquid soaps, etc.

Volume ranges

Servo piston	Flowmeter
30ml to 1,100ml	100ml up to 5,000ml and 5,000ml up to 30,000ml

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.

General

- Safety glass instead of polycarbonate
- Top cover
- Remote Assistance

Servo piston edition

- Automated filling bridge height adjustment
- Filling bridge in cleaning position or toward rinsing manifold
- Piston extractable from cylinder position to clean or replace piston springs
- Individual bottle centering detection
- Lift system for product tank
- Spray balls in product tank
- Bottle counter

Flowmeter edition

- Automated filling bridge height adjustment
- Filling bridge in cleaning position or to rinsing manifold
- ATEX Configuration
- Individual bottle centering detection
- Mag- or Mass flowmeters (Endress&Hauser).
- Product buffer tank.
- Bottle counter

Capping segment

- Detect & Reject system for cap sealing verification
- High-torque sealing
- Cap elevator