



# Filling equipment

PMW Engineering



From table filling to fully automatic filling equipment with capacities up to 5000 units per hour.

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# Filling machines

PMW Engineering has more than 30 years of experience with dosing tasks.

Manufacturer of filling equipment for small and medium sized productions. The PMW range includes equipment from table fillers to fully automatic filling equipment.

Working with different filling processes such as pump dosage (volumetric), and level filling enables us to adapt the equipment for what is best suited for your product.



# PMW RotoFill Mini

## Dosing filler - a part of the PMW RotoFill series

PMW RotoFill Mini is a gear pump filler for liquid products with a viscosity from water to liquid cream (without particles). The PMW RotoFill Mini is very flexible and easy to operate through a touchscreen display that includes different programming options.

**Volume range:** 50-5.000 ml

**Filling accuracy:** +/- 0,5 %

**Capacity:** approximately 600-1.000 bottles/h at 250 ml

### Features:

- 1 pcs Ø12 filling nozzle with sealing system to avoid dripping.
- Start cycle with button or photocell and emergency stop.
- Stainless steel gear pump.
- Siemens PLC system.
- Program with electronic settings for:
  - 1) Self-elected speed
  - 2) Self-elected changing points for speed
  - 3) Correction of volume during production
  - 4) 50 recipes

### Extra equipment:

- Extra filling nozzle system (Increases capacity by approx. 60%).
- Bottom filling system: for foaming products including 1-2 pcs x 300mm filling nozzles.
- Change-over system: control system parts for container changes.
- Reduction of filling nozzle, for container openings smaller than Ø12.
- Drip tray for bottom filling.



### Technical data

Air Connection	7 bar
Electrical Connection	230V 50Hz
Weight	approx. 75 kg

# PMW RotoFill Max

## Dosing filler - a part of the PMW RotoFill series

PMW RotoFill Max is a gear pump filler for liquid products with a viscosity from water to liquid cream. The PMW RotoFill Max is flexible and easy to operate through a touchscreen display that includes different programming options.

**Volume range:** 1.000-10.000 ml

**Filling accuracy:** +/- 0,5 %

**Capacity:** approximately 350 bottles/h at 5.000 ml

### Features:

- 1 pcs Ø20 filling nozzle with sealing system to avoid dripping.
- Stainless steel gear pump, easy to dismantle without tools.
- Start cycle with button or photocell and emergency stop.
- Siemens PLC system.
- Program with electronic settings for:
  - 1) Self-elected speed
  - 2) Self-elected changing points for speed
  - 3) Correction of volume during production
  - 4) 50 recipes for programming different fillings

### Extra equipment:

- Extra filling nozzle (Increases capacity by approx. 60%).
- Bottom filling system: for foaming products including 1-2 pcs x300mm filling nozzles.
- Drip tray for bottom filling.
- Change-over system: control system parts for container changes.
- Reduction of filling nozzle, for container openings smaller than Ø12.



### Technical data

Air Connection	7 bar
Electrical Connection	230V 50Hz
Weight	approx. 80 kg



# PMW RotoFill Quattro MI

## Pump filling machine - A part of the PMW RotoFill Series

PMW RotoFill Quattro MI is a freestanding flexible 4-8 pipe, pump filling machine for filling of liquid products with viscosity from water to liquid cream with/without particles. The system is operated via a touch screen display.

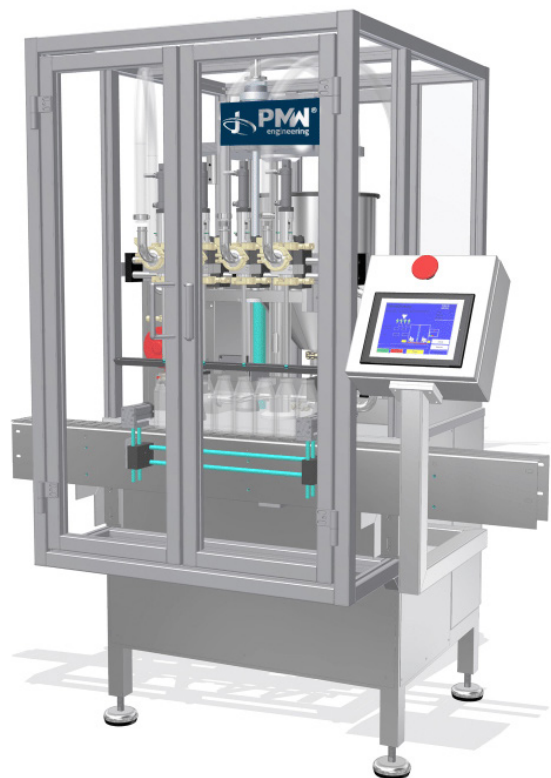
**Volume range:** 0,5-2,5 L

**Filling accuracy:** +/- 0,5 %

**Capacity:** approximately 3.000 bottles/h at 0,5 L depending on product and container type.

### Features:

- 4-8 pcs. bottom filling pipes with pneumatic locking system to avoid product drip.
- Stainless steel gear pump alternatively a lobe pump for particle-containing liquids.
- Start cycle with button or photocell and emergency stop.
- Drip tray to avoid external product dripping.
- Siemens PLC system.
- Buffer tank.
- Easy to clean.
- Program with electronic settings for:
  - 1) Self-elected speed
  - 2) Self-elected changing points for speed
  - 3) Correction of volume during production
  - 4) Storage of up to 50 recipes



### Technical data

Air Connection	7 bar
Electrical Connection	230V 50Hz
Consumption	1-2,5 kW

# PMW RotoFill Quattro MA

## Pump filling machine - a part of the PMW RotoFill series

PMW RotoFill Quattro MA is a flexible 4-8 pipe pump filling machine for filling of liquid products with viscosity from water to liquid cream with/without particles. The system is operated via a touch screen display.

**Volume range:** 0,5-10 L

**Filling accuracy:** +/- 0,5 %

**Capacity:** approximately +/- 3.000 bottles/h at 1 L depending on product and container type.

### Features:

- 4-6 or 8 pcs. bottom filling pipes with pneumatic locking system to avoid product drip.
- Stainless steel lobe pump for particle-containing liquids.
- Drip tray to avoid external product dripping.
- Machine cover with security locked doors.
- Siemens PLC system.
- Buffer tank.
- Easy to clean.
- Fully programmable with touch screen:
  - 1) Self-elected speed
  - 2) Self-elected changing points for speed
  - 3) Correction of volume during production
  - 4) Storage of up to 50 recipes



### Technical data

Air Connection	7 bar
Electrical Connection	3x400V 50Hz
Consumption	2,5 kW
Weight	approx. 600 kg

# PMW FillMatic

## Level filler

PMW FillMatic is a simple and efficient filling machine well suited for low viscosity products.

**Volume range:** 0,5-5 L

**Filling accuracy:** +/- 0,5 %

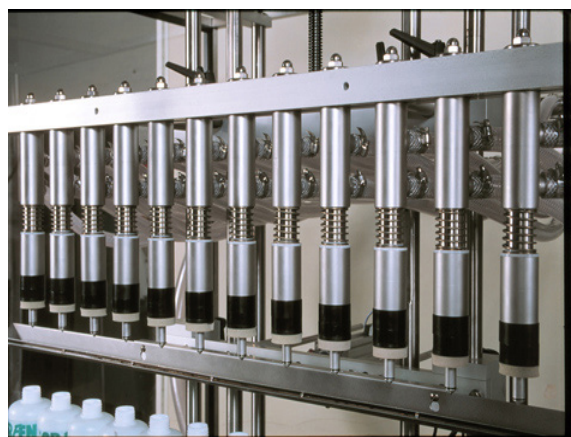
**Capacity:** depending on product/ container type

### Features:

- Fully automatic level filler.
- 10 pcs. ø20 mm filling valves (high flow).
- Machine stand in stainless steel.
- 3 m infeed conveyor.
- 3 m outfeed conveyor.
- All rectilinear movements are pneumatically driven.
- Adjustable drip tray under the filling valves.
- Product container with level sensor.
- Stepless adjustable monopump 1½".
- Electrical height adjustment (standard max. 375 mm) of filling valve bridge.
- Comp. safety cover: stainless stand with impact-proof clear plates and with opening doors and approved safety switches.
- Siemens PLC control system.

### Extra equipment:

- Various sizes of filling valves.
- Separate infeed conveyor and outfeed conveyor with side push arrangement.



### Technical data

Air Connection	7 bar
Electrical Connection	3x400V 50Hz + 0 + earth



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