

bottelpack®
bp 312M

Aseptic Blow-Fill-Seal packaging machine for production of ampoules

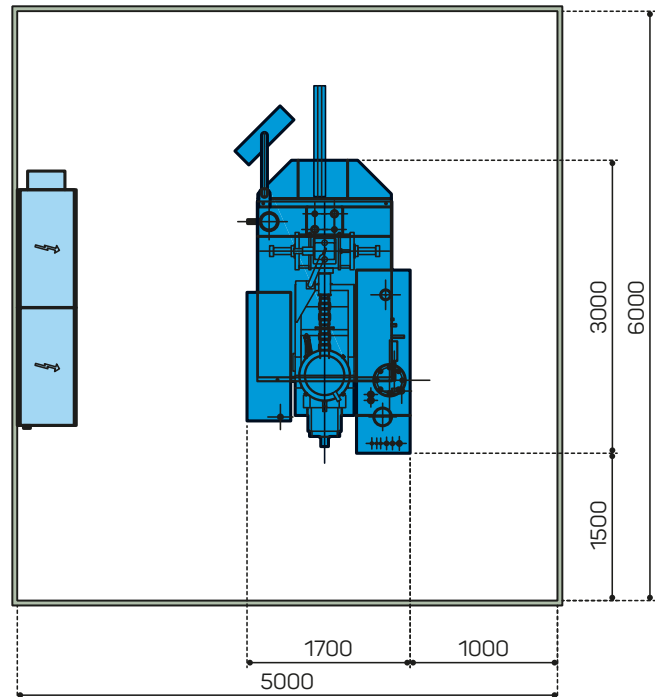
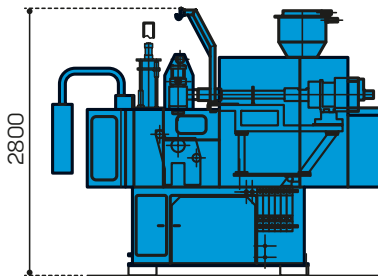
bp 312M		volume max. (ml)	max. container width (mm)	capacity (approx. pieces/h)
4-cavities	multi	60	42	1,100
	single	60	40	
5-cavities	multi	60	34	1,300
	single	60	31	
6-cavities	multi	60	28	1,500
	single	50	25	
7-cavities	multi	40	24	1,900
	single	30	21	
8-cavities	multi	30	21	2,300
	single	20	18	
10-cavities	multi	15	17	3,000
	single	5	14	
12-cavities	multi	5	14	3,600
15-cavities	multi	5	11	4,500

Capacity indications subject to:
type of plastic, shape of ampoule, weight of ampoule, nature of filling liquid

multi = multiblock
single = individual ampoule



x = max. container width



- Machine
- Cleanroom
- Control cabinet

Technical Data

- ▶ **Power:**
3 x 400 V + neutral + earth · 50/60 Hz
- ▶ **Extruder:**
KP35-24D
- ▶ **Electrical supply:**
Approx. 35 kW
- ▶ **∅ Consumption:**
Approx. 30 kW
- ▶ **Compressed air:**
· Piston displacement approx. 250 sl/min
in oil-free quality
· Operation pressure 8 bar minimum
- ▶ **Cooling water (closed cycle cooling):**
Approx. 1.5 – 2.5 m³/h with 8 °C and 4 – 5 bar,
dirt-filtered ≤ 55 micron
- ▶ **City water consumption:**
Approx. 250 l/h with max. 20 °C and 4 bar,
dirt-filtered ≤ 55 micron

- ▶ **Steam (only for machines which are sterilized):**
· Pure steam 2.5 bar, particle-filtered ≤ 1 micron (DIN58950-7)
· Consumption at sterilization: approx. 30 kg/h
- ▶ **Dosing:**
Time-pressure-dosing continuously adjustable for each single
cavity with filling volumes between 0.1 ml and 60 ml
- ▶ **Extruder:**
· Extruder with continuously regulable electric drive
· Screw ∅ 35 – 24D melting capacity up to max. 30 kg/h
· The melting capacity refers to polyethylene LDPE up to
0.93 density – other plastics may vary
- ▶ **Extrusion head:**
With exchangeable nozzles
- ▶ **Weight of machine:**
Approx. 4 tons
- ▶ **Soil bearing value:**
Approx. 1.4 tons/m²
- ▶ **Extra and special equipment:**
· **coolBFS** to fill heat sensitive products
· Integrated circulation function to fill suspensions
· Laser system for container coding and separation
· And many other customer specific options

Technical modifications reserved

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