



bottelpack®
bp 360M

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

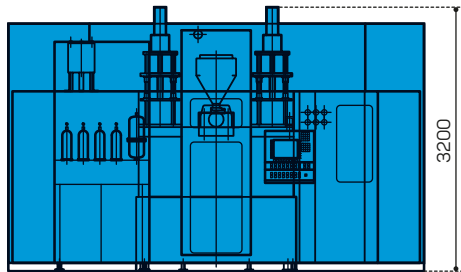
bp 360M		volume max. (ml)	max. container width (mm)	capacity (approx. pieces/h)
20-cavities	multi	50	38	6,000
	single	45	36	
24-cavities	multi	30	31	7,200
	single	25	29	
	single	25	28	
28-cavities	multi	25	27	8,400
	single	20	24	
30-cavities	multi	20	24	9,000
	single	20	22	
32-cavities	multi	20	22	9,600
	single	20	20	
40-cavities	multi	20	17	12,000
	single	15	15	
48-cavities	multi	5	14	14,400
60-cavities	multi	2	11	18,000

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

multi = multiblock
single = individual ampoule



x = max. container width



- Machine
- Cleanroom with dark/white separation
- Control cabinet

Upon request the machine can be executed without dark/white separation. Dimensions are depending on final project specifications.



Technical Data

▶ **Power:**
3 x 400 V + neutral + earth · 50/60 Hz

▶ **Extruder:**
55-24D

▶ **Electrical supply:**
Approx. 60 kW

▶ **Ø Consumption:**
Approx. 40 kW

▶ **Compressed air:**
· Piston displacement approx. 1,000 sl/min in oil-free quality
· Operation pressure 7 bar minimum

▶ **Cooling water (closed cycle cooling):**
Approx. 4.0 m³/h with 10 – 12 °C and 4 – 5 bar, dirt-filtered ≤ 55 micron

▶ **City water consumption:**
Approx. 60 l/h with max. 20 °C and 4 – 5 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. 60 kg/h

▶ **Dosing:**
Time-pressure-dosing continuously adjustable for each single cavity with filling volumes between 0.1 ml and 50 ml

▶ **Extruder:**
· Extruder with continuously regulable electric drive
· Screw Ø 55-24D melting capacity up to max. 80 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. 14 tons

▶ **Soil bearing value:**
Approx. 1.9 tons/m²

▶ **Extra and special equipment:**
· **coolBFS** to fill heat sensitive products
· Multi-layer containers to provide gas permeation barriers
· 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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