



bottelpack®  
**bp 434**

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

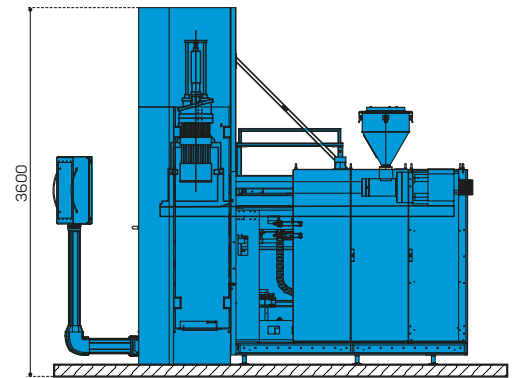
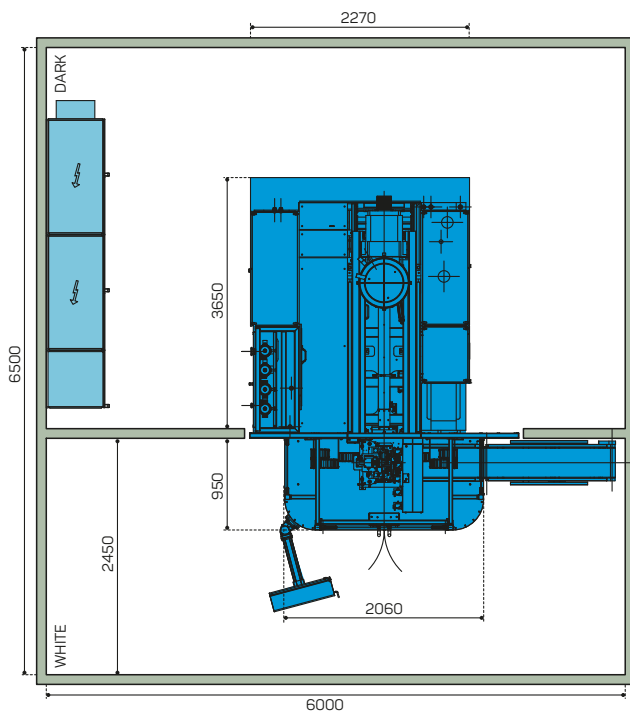
bp 434		volume max. (ml)	max. container width (mm)	capacity (approx. pieces/h)
10-cavities	multi	30	28	4,500
	single	20	24	
12-cavities	multi	20	23	5,400
	single	15	20	
14-cavities	multi	15	20	6,300
	single	10	17	
15-cavities	multi	15	18	6,750
	single	10	15	
16-cavities	multi	12	17	7,200
18-cavities	multi	10	15	8,100
20-cavities	multi	10	13	9,000
22-cavities	multi	5	11.5	9,900
24-cavities	multi	5	10	10,800
25-cavities	multi	5	10	11,250

**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 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:**  
KP55-24D
- ▶ **Electrical supply:**  
Approx. 60 kW
- ▶ **∅ Consumption:**  
Approx. 40 kW
- ▶ **Compressed air:**

  - Piston displacement approx. 100 sl/min in oil-free quality
  - Operation pressure 8 bar minimum
- ▶ **Cooling water (closed cycle cooling):**  
Approx. 1.5–2.5 m<sup>3</sup>/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. 40 kg/h
- ▶ **Dosing:**  
Time-pressure-dosing continuously adjustable for each single cavity with filling volumes between 0.1 ml and 30 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:**  
Oval parison head
- ▶ **Weight of machine:**  
Approx. 9 tons
- ▶ **Soil bearing value:**  
Approx. 1.6 tons/m<sup>2</sup>
- ▶ **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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