



bottelpack®
bp 460

15 moulds

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

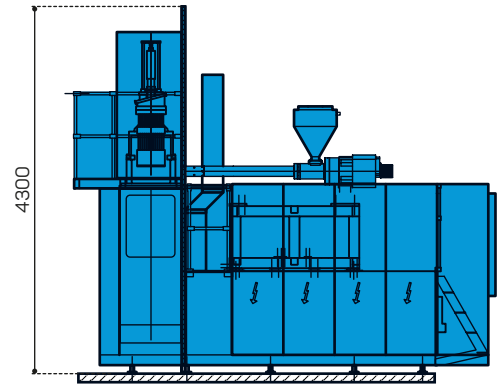
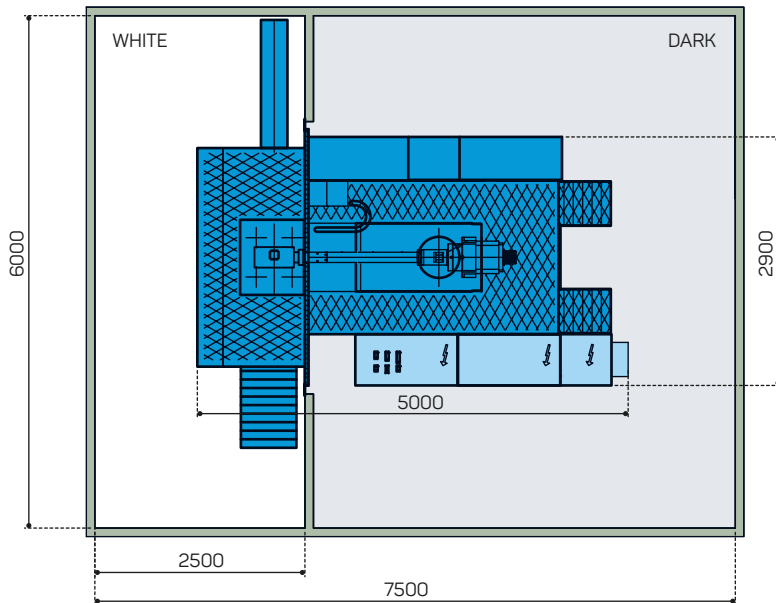
bp 460-15		volume max. (ml)	max. container width (mm)	capacity (approx. pieces/h)
10-cavities	multi	30	28	10,000
	single	20	24	
12-cavities	multi	20	23	12,000
	single	15	20	
14-cavities	multi	15	20	14,000
	single	10	17	
15-cavities	multi	15	18	15,000
	single	10	15	
16-cavities	multi	12	17	16,000
18-cavities	multi	10	15	18,000
20-cavities	multi	10	13	20,000
22-cavities	multi	5	11.5	23,000
24-cavities	multi	5	10	26,000
25-cavities	multi	5	10	30,000

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

▶ **Moulds:**

- Number of moulds: 15
- Height: 100 mm
- Standard volumes: 0.2 ml up to 30 ml
- Larger volumes on request

▶ **Power:**

3 x 400 V + neutral + earth · 50/60 Hz

▶ **Extruder:**

KP55-24D

▶ **Electrical supply:**

Approx. 65 kW

▶ **Ø Consumption:**

Approx. 40 kW

▶ **Compressed air:**

- Piston displacement approx. 800 sl/min in oil-free quality
- Operation pressure 8 bar minimum

▶ **Cooling water (closed cycle cooling):**

Approx. 2.5 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. 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. 10 tons

▶ **Soil bearing value:**

Approx. 2 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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