



bottelpack®

bp 460

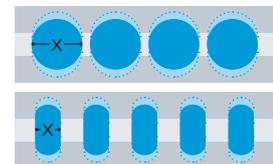
20 moulds

ASEPTIC BLOW-FILL-SEAL PACKAGING MACHINE

for the production of ampoules

bp 460-20		volume max. (ml)	max. container width ¹ (mm)	capacity ² (approx. pieces/h)
10-cavities	multi	8	28	12,400
	single	8	24	
12-cavities	multi	8	23	14,900
	single	8	20	
14-cavities	multi	8	20	17,400
	single	8	17	
15-cavities	multi	8	18	18,600
	single	8	15	
16-cavities	multi	5	17	19,850
18-cavities	multi	5	15	22,300
20-cavities	multi	4	13	26,700
22-cavities	multi	4	11.5	29,300
24-cavities	multi	3	10	32,000
25-cavities	multi	2	10	33,300

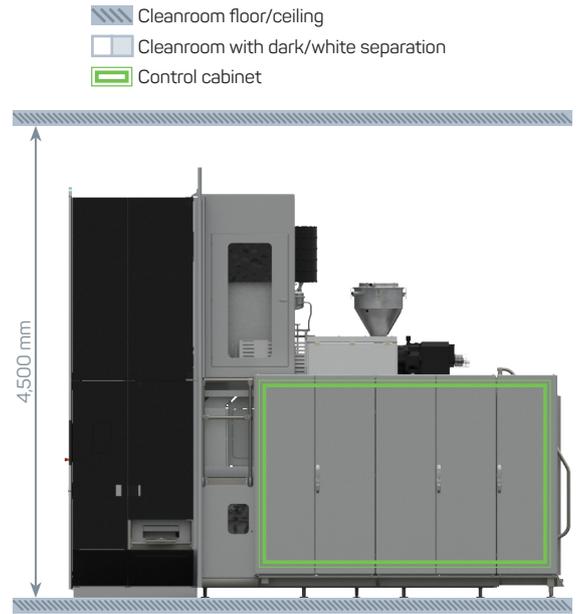
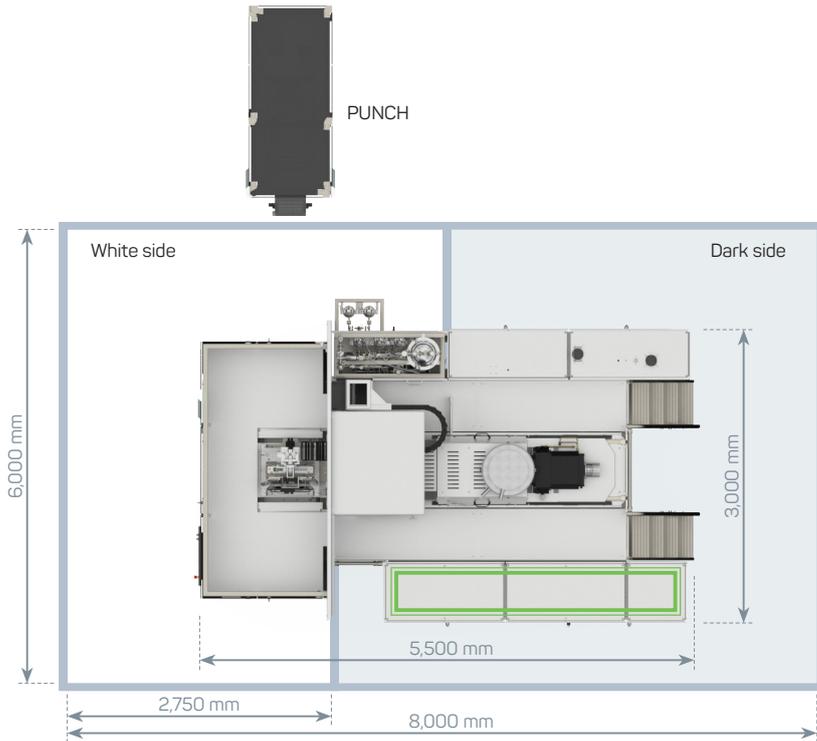
¹x = max. container width



²Capacity indications subject to:
type of plastic, shape of ampoule,
weight of ampoule, nature of filling liquid

multi = multiblock
single = individual ampoule

FILLING YOUR NEEDS



Recommended cleanroom dimensions

TECHNICAL DATA

MOULDS:

- Number of moulds: 20
- Height: 76 mm
- Standard volumes: 0.2 ml up to 20 ml
- Larger volumes on request

POWER:

- 3/N/PE AC 400 V 50 Hz oder 60 Hz

EXTRUDER:

- KP55-24D

ELECTRICAL SUPPLY:

- Approx. 65 kW

Ø CONSUMPTION:

- Approx. 35 kW

COMPRESSED AIR:

- Average consumption approx. 600 NL/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:

- 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. 13 tons

SOIL BEARING VALUE:

- Approx. 1 ton/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 data and dimensions depend on the final project specifications and are subject to change.

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