

bottelpack®  
**bp 321**



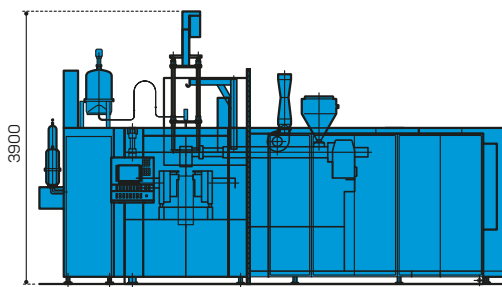
## Aseptic Blow-Fill-Seal packaging machine for the production of bottles

bp 321	volume max. (ml)	max. container width (mm)	capacity (approx. pieces/h)
3-cavities	2,000	136	600
4-cavities	1,500	101	840
5-cavities	1,000	79	1,125
6-cavities	1,000	66	1,350
7-cavities	1,000	56	1,575
8-cavities	500	48	2,000
8-cavities	250	48	2,200
9-cavities	500	43	2,250
10-cavities	250	38	2,750
12-cavities	100	31	3,300

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

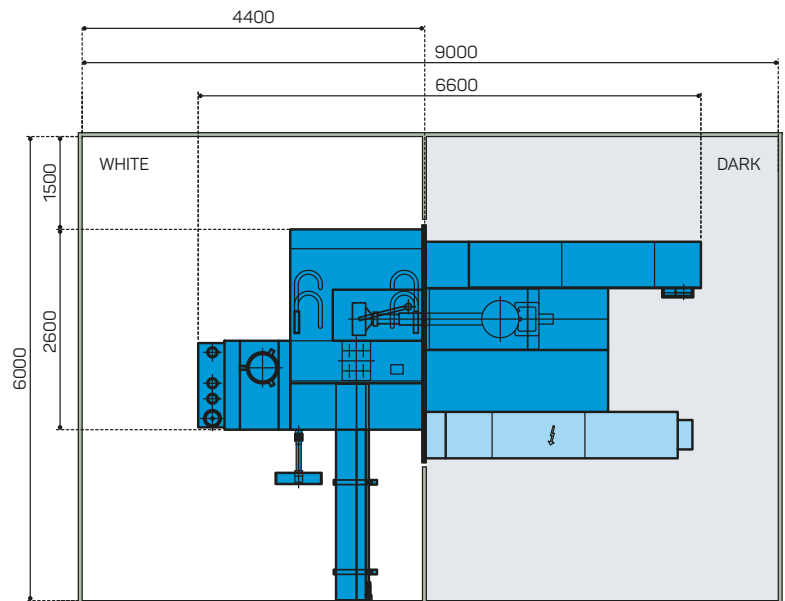


x = max. container width



- 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
- ▶ **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. 3.0 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 50 ml and 2,000 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 automatic parison wall thickness control (PWTC) and exchangeable nozzles
- ▶ **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
  - Multi-layer containers to provide gas permeation barriers
  - Integrated circulation function to fill suspensions
  - And many other customer specific options

Technical modifications reserved

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