



bottelpack®

bp 461

14 moulds

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

bp 461-14		volume max. (ml)	max. container width (mm)	capacity (approx. pieces/h)
8-cavities	multi	50	35	8,000
	single	50	32	
10-cavities	multi	40	28	10,000
	single	30	24	
12-cavities	multi	30	24	12,000
	single	20	21	
14-cavities	multi	25	20.5	14,000
	single	10	17.5	
15-cavities	multi	25	19	15,000
	single	10	16	
16-cavities	multi	25	17.5	16,000
18-cavities	multi	20	15.5	18,000
20-cavities	multi	20	13.5	20,000
22-cavities	multi	8	11.9	22,000
24-cavities	multi	3	10	24,000
25-cavities	multi	3	10	25,000

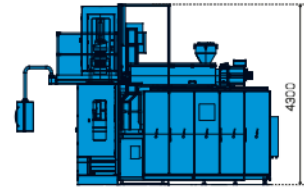
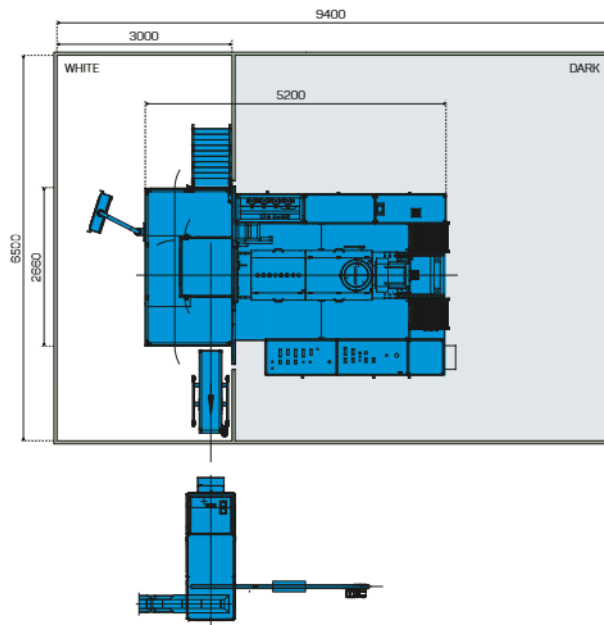
Capacity indications subject to:
type of plastic, shape of ampoule, weight
of ampoule, nature of filling liquid

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: 14
 - Height: 140 mm
 - Standard volumes: 3 ml up to 60 ml
 - Larger volumes on request
- ▼ Power:**
 - 3 x 400 V + neutral + earth · 50/60 Hz
- ▼ Extruder:**
 - KP70-24D
- ▼ Electrical supply:**
 - Approx. 100 kW
- ▼ Consumption:**
 - Approx. 60 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 3 ml and 60 ml
- ▼ Extruder:**
 - Extruder with continuously regulable electric drive
 - Screw Ø 70 – 24D melting capacity up to max. 150 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. 14 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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