

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	60	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:

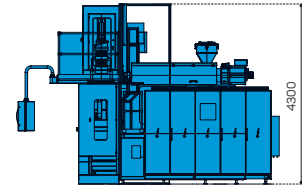
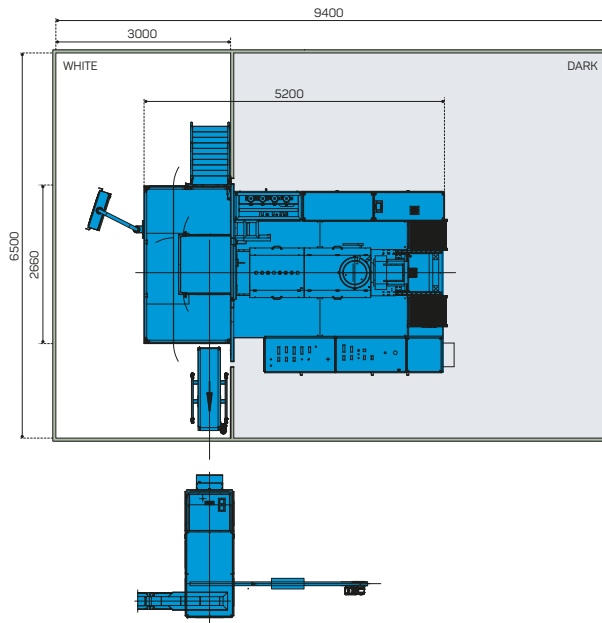
type of plastic, shape of ampoule, weight of ampoule, nature of filling liquid

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

✦ Ø 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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