

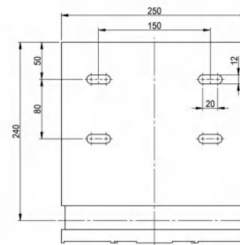
PowerJet EB10U series

High-speed two-station extrusion blow moulding machine | HIGH SPEED

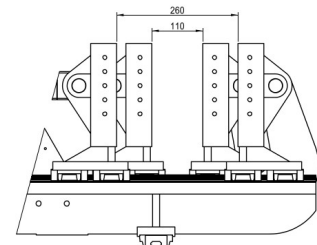
Max. product volume: ≤ 1 L
Clamping force: 42 kN
HDPE capacity: 25–30 kg/h



Models: EB10U45S | EB10U50S | EB10U50-30D



EB10U



Parameter	EB10U45S	EB10U50S	EB10U50-30D
Max. product volume (L)	1	1	1
Clamping force (kN)	42	42	42
Mould stroke (mm)	310	310	310
Max. mould size W×H (mm)	290×240	290×240	290×240
Screw diameter (mm)	Ø45	Ø50	Ø50+Ø30
Screw L/D ratio	24	23	23+20
HDPE capacity (kg/h)	25	30	30+4.5
Extruder motor (kW)	7.5	11	14
Heating power (kW)	7.0	8.0	10
Cooling water at 25°C (L/min)	13	13	13
Machine dimensions L×W×H (mm)	2450×2300×2200	2300×2300×2200	2400×2300×2200
Machine weight (kg)	2 250	2 300	2 400

Product description

The EB10U series is a HIGH SPEED two-station blow moulding machine that delivers higher cycle speeds than the EB10H at the same product size. The EB10U50-30D variant features co-extrusion capability (Ø50+Ø30 mm screw combination), enabling the production of two-layer barrier bottles with a modest investment. A low-centre-of-gravity frame and an electronic linear scale ensure precise, impact-free mould closing. The series shares a common platform with the EB10H, providing favourable spare-part and service compatibility.

Typical applications

- Cosmetic bottles in larger production runs (100–500 ml)
- Household cleaning products – for high capacity demands
- Medical supplies packaging – precise, repeatable production
- Co-extrusion barrier bottles (50-30D) – two-layer packaging