

PowerJet EB300U series

High-speed two-station toggle blow moulding machine | High capacity | ≤ 30 L

Max. product volume: ≤ 30 L
Clamping force: 300 kN
HDPE capacity: 210 kg/h

 Models: EB300U110	
Parameter	EB300U110
Max. product volume (L)	30
Clamping force (kN)	300
Max. mould size W×H (mm)	850×780
Screw diameter (mm)	Ø110
Screw L/D ratio	28
HDPE capacity (kg/h)	210
Extruder motor (kW)	75
Cooling water (L/min)	400
Machine weight (kg)	16 000

Product description

The EB300U110 is the largest member of the toggle series, for industrial containers of up to 30 litres. The 28:1 L/D ratio of its Ø110 mm screw ensures excellent plasticising even with demanding polymers. 300 kN clamping force, an 850×780 mm mould size and a 75 kW extruder motor for the most demanding industrial applications.

Typical applications

- ▶ Large industrial containers (20–30 L) – chemicals, lubricants
- ▶ Large-format food packaging, 20–30 L
- ▶ Agricultural irrigation tanks – HDPE, 30 L
- ▶ Recyclable industrial drums – rHDPE/PCR
- ▶ AdBlue and coolant tanks (20–30 L)