

PowerJet EB300S series

High-speed single-station toggle blow moulding machine | HIGH SPEED | ≤ 30 L

Max. product volume: ≤ 30 L
Clamping force: 300 kN
HDPE capacity: 180 kg/h

 Models: EB300S100S	
Parameter	EB300S100S
Max. product volume (L)	30
Clamping force (kN)	300
Max. mould size W×H (mm)	850×780
Screw diameter (mm)	Ø100
Screw L/D ratio	24
HDPE capacity (kg/h)	180
Extruder motor (kW)	55
Cooling water (L/min)	300
Machine weight (kg)	10 000

Product description

The EB300S100S is the largest member of PowerJet's single-station S series, for products of up to 30 litres. Its 300 kN clamping force and 850×780 mm mould size accommodate large, complex moulds. The Ø100 mm screw with a 55 kW motor delivers an HDPE capacity of 180 kg/h. The single-station design is ideal for small-to-medium runs where flexibility and fast product changeover take priority over maximum capacity.

Typical applications

- ▶ Large industrial containers (20–30 L) – flexible single-station production
- ▶ Agricultural irrigation tanks – HDPE, 25–30 L
- ▶ Large-format food packaging – 25–30 L
- ▶ Small-to-medium runs of 30-litre products
- ▶ Prototype and small-series production of 30-litre containers