

PowerJet EB500P series

Single-station automatic blow moulding machine with fixed mould frame | ≤ 60 L

Max. product volume: 60 L
Clamping force: 400 kN
HDPE capacity: 150–180 kg/h



Parameter	EB500P
Max. product volume (L)	60
Clamping force (kN)	400
Screw diameter (mm)	Ø90 / Ø100
Screw L/D ratio	25
HDPE capacity (kg/h)	150 / 180
Extruder motor (kW)	37 / 55
Oil pump motor (kW)	22
Heating power (kW)	40
Cooling water (L/min)	150
Machine dimensions L×W×H (mm)	5300×3400×4250
Machine weight (kg)	11 000

Product description

The EB500P is the largest member of PowerJet's EB series, designed for producing large industrial containers, drums and canisters of up to 60 litres. The 400 kN clamping force and fixed mould frame ensure that even the largest, heaviest moulds do not expand during the cycle. With a choice of Ø90 or Ø100 mm screws, production capacity can be tailored to your needs. An electronic parison controller is available as a standard configuration.

Typical applications

- ▶ Large industrial containers (40–60 L) – chemicals, lubricants
- ▶ Recyclable industrial drums – rHDPE/PCR
- ▶ Large agricultural sprayer cans (50–60 L)
- ▶ Fire-water and drinking-water tanks (60 L) – HDPE
- ▶ Large food-industry containers – vegetable oil, honey, 40–60 L