

PowerJet EB70UE series

All-electric two-station blow moulding machine | FULL ELECTRIC | Ultra-wide

Max. product volume: 0.5×8 L
Clamping force: 120 kN
Servo motors: 50 kW

 Models: EB70UEW90	
Parameter	EB70UEW90
Max. product volume (L)	0.5×8
Clamping force (kN)	120
Max. mould size W×H (mm)	730×330
Screw diameter (mm)	Ø90
Screw L/D ratio	25
HDPE capacity (kg/h)	150
Extruder motor (kW)	37
Total servo motor power (kW)	50
Heating power (kW)	27
Cooling water (L/min)	100
Machine weight (kg)	9 500

Product description

The EB70UEW90 is the larger member of PowerJet's all-electric machine family – with an 8-head ultra-wide configuration and 120 kN clamping force. The Ø90 mm screw with a 37 kW motor delivers an HDPE capacity of 150 kg/h with servo-driven precision. With its 730×330 mm mould frame, 8 small bottles can be produced at once, maximising energy-efficient capacity. A hydraulics-free design – oil-free, low-noise and also suitable for near-cleanroom operation.

Typical applications

- ▶ High-volume cosmetic bottles – 8 at a time, energy-efficiently
- ▶ Medical supplies packaging – precise, reproducible
- ▶ Food-safe bottles – near-cleanroom production
- ▶ Premium HDPE packaging – uniform wall thickness, high aesthetic standards
- ▶ Green manufacturing – for ESG goals and low energy demand