

PowerJet EB50U series

Automatic two-station extrusion blow moulding machine | ≤ 5 L

Max. product volume: ≤ 5 L
Clamping force: 140 kN
HDPE capacity: 80–120 kg/h



Parameter	EB50U75S	EB50U85S	EB50U75-25SV	EB50U75-45D
Max. product volume (L)	5.0	5.0	5.0	5.0
Clamping force (kN)	140	140	140	140
Mould stroke (mm)	500/550	500/550	500/550	500/550
Max. mould size W×H (mm)	480×435	480×435	480×435	530×435
Screw diameter (mm)	Ø75	Ø85	Ø75+Ø25	Ø75+Ø45
HDPE capacity (kg/h)	80	120	80+2	80+20
Extruder motor (kW)	22	30	22+1.5	22+5.5
Cooling water (L/min)	100	100	100	100
Machine weight (kg)	6 200	7 000	6 600	6 700

Product description

The EB50U series is the two-station version of the EB50H, with a 500/550 mm mould stroke and 140 kN clamping force. The EB50U85S delivers the highest capacity (120 kg/h); the 75-25SV is available with a servo-driven parison controller and the 75-45D with a co-extrusion design.

Typical applications

- ▶ Household chemical cans in high-volume runs (2–5 L)
- ▶ Liquid car care products – 2–5 L
- ▶ Garden spray bottles – HDPE, UV-stabilised
- ▶ Co-extrusion premium packaging (75-45D)
- ▶ Food-industry HDPE bottles – high-volume runs