

PowerJet EB270C series

High-speed two-station toggle blow moulding machine | Extra-high clamping force | ≤ 30 L+

Max. product volume: ≤ 30 L+
Clamping force: 400 kN
HDPE capacity: 210–260 kg/h



Models: EB270C110 | EB270CW110 | EB270C120 | EB270CW120

Parameter	EB270C110	EB270CW110	EB270C120	EB270CW120
Max. product volume (L)	30	30	30	30
Clamping force (kN)	400	400	400	400
Mould stroke (mm)	800	900	800	900
Screw diameter (mm)	Ø110	Ø110	Ø120	Ø120
Screw L/D ratio	24	24	28	28
HDPE capacity (kg/h)	210	210	260	260
Extruder motor (kW)	75	75	90	90
Machine weight (kg)	18 500	18 500	19 000	19 000

Product description

The EB270C series is PowerJet's most powerful toggle blow moulding machine family, with 400 kN clamping force and an 800–900 mm mould stroke. The Ø120 mm screw with a 28:1 L/D ratio and a 90 kW motor delivers an HDPE capacity of 260 kg/h – the highest output in the standard range. The CW models support 8-head ultra-wide configurations.

Typical applications

- Blowing of inner HDPE liners for IBCs (Intermediate Bulk Containers) ► Automatic washing and dosing tanks
- Large industrial containers (20–30 L+) – chemicals, lubricants ► Recyclable industrial drums – rHDPE/PCR
- Agricultural irrigation system tanks (20–30 L)