

Specifications

MODEL	UNIT	PK45-e/PK45-H	PK55-e/PK55-H	PK70-e/PK70-H	PK80-e/PK80-H	PK95-e/PK95-H
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Material To Be Used		PE/PP	PE/PP	PE/PP	PE/PP	PE/PP
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EXTRUDER

Screw Diameter	mm	45	55	70	80	95
Main Drive	kW	20HP(15kW)	25HP(18.7kW)	30HP(22.5kW)	50HP(37.5kW)	75HP(56kW)
Max. Extruding Output/ Per Hour	kgs	48	60	72	115	175

DIE HEAD

Cavity number	mm	1-4	1-4	1-6	1-6	1-8
Twin Cavity Center Distance	mm	80-100mm	80-120mm	80-140mm	80-160mm	80-250mm

MOLD PLATEN

Max.Opening Stroke	mm	330 330	410 410	545 545	600 600	700 700
Min.Clamping Stroke	mm	150 80	210 100	255 140	300 160	350 260
Platen Size (WxH)	mm	320x275	320x275	460x430(Toggle)	460x485(Toggle)	600x485(Toggle)
Carriage Stroke	mm	410	410	520	600	720
Clamping Force	kN	65-85 kN (Tie Bar)	65-85 kN (Tie Bar)	100-150 kN (Toggle)	150-180 kN (Toggle)	180- 210 kN (Toggle)

PARKER

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FULL ELECTRIC HYBRID BLOW MOLDING MACHINE

PARKER PLASTIC
MACHINERY

FOR THE BEST VALUE IN BLOW MOLDING

PK-*e* / Hybrid SERIES



Full Electric / Hybrid Extrusion Blow Molding Machine

Feature & Efficiency

Compare to Hydraulic System EBM

- Full Electric
- Hybrid
- Hydraulic



PK-e / Hybrid Series

FEATURES

- ▶ Stable, precisely, low noise and faster cycle time.
- ▶ Lower energy consumption 45-55% compared to equivalent hydraulic machine.
- ▶ Improve production efficiency 20-25% compared to equivalent hydraulic machine.
- ▶ Electric Parison control with 10-15% lower energy consumption than Hydraulic system.
- ▶ Clean and no oil pollution and no oil leaking problem and annoying piping work.
- ▶ Extremely low maintenance.



Clean Stable,
Precisely,
Low Noise And
Faster Cycle Time.

Parison Wall Thickness Controller

This controller allows for precise thickness control over the entire container, ensuring an extremely high level of product uniformity, saving on materials and product quality.

⚡ Hybrid : Driven by Precision Servo Valve.

⚡ Full Electric : Driven by Electric Precision Actuator.

Support INDUSTRY 4.0

Computerized Control System

1. Using world known industry computer system specialize for Blow Molding Machine from Europe.
2. 15" colorful LCD touch screen with human-machine interface control system.
3. Remote control program diagnosis facility.
4. Expandable DI/DO once you need extra equipment.
5. Built-In 100 point parison controller.

Clamping System

Full Electric Machine equipped with unique Parker Ultra-Locking System to ensure using lowest energy to generate powerful clamping force.

⚡ Hybrid : Driven by Precision Hydraulic Cylinder.

⚡ Full Electric: Driven by Parker Ultra-Locking System.