

Intelligent All-Electric
Blow Moulding Machine
Technical Specification



Extruder									
Mono or Co-Extrusion, Two Layers & Three Layers									
Screw dia.	55 mm(S)	55 mm(G)	65 mm(S)	65 mm(G)	75mm(S)	75 mm(G)	75 mm(G)	100 mm(G)	100 mm(G)
Main drive	22 kW	30 kW	22 kW	45 kW	45kW	56 kW	75 kW	94 kW	112 kW
Extrusion capacity	55 kg/hr	90 kg/hr	80 kg/hr	150 kg/hr	130kg/hr	180 kg/hr	240 kg/hr	280 kg/hr	350 kg/hr

※ S: Smooth bore G: Grooved feeder

Die Head	Die head(s)		S / D / T	T / Q / F / X	S / D / T	T / Q / F / X	D / T		
	Center distance	mm	80-120	80-160	100-200	100-160	200-320		

※ S: Single D: Double T: Triple Q: Quad F: Five X: Six

Clamping Platen	Platen type		T03	T04	T06	T10	T14	T20	T30
	Platen dimension(HxW)	mm	400 x 320	300 x 600	470 x 450	400 x 650	470 x 700	680 x 540	820 x 540
	Carriage stroke(S/D)	mm	470 / 470	630 / 630	600 / 600	770 / 770	880 / 880	800 / 920	800 / 920
	Clamping distance(Daylight)	mm	250-425	280-425	340-546	280-425	400-700	540-900	540-900
	Clamping force	kN	70	100	100	150	250	250	300

※ S: Single station D: Double station

※ All specifications, design and characteristics shown above are object to change without prior notice.

INTELLIGENT ALL-ELECTRIC
BLOW MOULDING MACHINE

Full range from 200 ml bottle - 30 liter canister



EHB Series



An ISO 9001:2008 Company
鳳記國際機械股份有限公司

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EXTRUSION
ISO 9001:2008



uCloud



FONGKEE



Main Product



Blow Moulding



Sheet Extrusion



Extrusion
Lamination



Blown Film



Cast Film Line

Designed by Polaris 2019-06, +886-4-24517070



VIDEO
More Information



Model: FK/EHB55G/100G/55GT20SD

Three Layer Co-Extrusion Blow Moulding Machine

Single head / Double station / For 20 liter canister

ADVANTAGE / EFFICIENCY

Compared to Hydraulic System Machine:



40-50%
Energy
Saving



20-25%
Production Rate
Increase



25-30%
Dry Cycle
Faster



20db
Noise Level
Reduce



0%
Pollution



Model: FK/EHB65GT04QD



Model: FK/EHB65GT06QD

INDUSTRY 4.0

The "Smart" Manufacturing

Apart from the PLC and HMI control system being used, SCADA system is available to link thru internet as to collect all the data and be monitoring from distance, such as office computer, personal PC or Mobile for machine:

- Performance data
- Production status
- Productivity status
- Energy consumption
- Material consumption, input and output
- Running parameters
- Alarm management

With long term production, all data can be collected for further analysis to improve the efficiency, cut down the cost and bring more profit.

INNOVATION

Clamping Unit



To reach the required clamping force but using smaller servo motor, crank drive being used with U frame and self-locked device. All mechanisms under ANSYS simulation study to optimize structure rigidity and with long service life.

ESTHETICS

Compact and neat outlook with curve shape safety door in front giving elegant and esthetic appearance.

Sufficient space allow operator easy access for operation and maintenance.

Extrusion Excellence