



EBlow FULL ELECTRIC

Blow Moulding Machine

Energy saving over **40%** No hydraulic No maintenance

For production range from 200 ml~20 liter



Extrusion Excellence



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Main Product



Blow Moulding



Sheet Making



Lamination



Blown Film



Cast Film Line



VIDEO
Model Information

Esthetics

Compact and neat outlook design with curve shape safety fence covering the machine front shown elegant and esthetics appearance.
Sufficient space for operation, adjustment and maintenance.
Operation panel with pendant arm for operators to access conveniently.

Ceramic Heaters with Insulation Jacket

Electric heating by ceramic heater with the advantage on stable and sufficient capability and also covered by insulation jacket to save energy.

Clamping Platen & Bellow Gripper

Mould clamp by multi-link with self-lock function to reduce continuous power consumption. Designed clamping force 10 tons. Clamping force adjustable thru mechanism.

Side View

Machine built under light weight mechanism but strong structure with those key components using heat treated alloy steel. Using computer simulation analysis software to ensure the components under proper safety factor and fatigue life.

Innovation 1

Driving Motor

Using multiple gear motor, CMG, Germany Knodler brand replace the AC motor and gear box for extruder. Total 5-7 servo motor driven axis being used for entire machine.

Innovation 2

Die Head

Production range from 200ml-20L, consumable application as milk bottle, shampoo / shower gel bottle, and chemical / edible oil canister.

HMI interfaced with industry 4.0

HMI interfaced with industry 4.0 for communication control / operation system already equipped with fixed IP can communicate or remote control thru internet.



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INDUSTRY 4.0

ECO ENERGY

GREEN PRODUCTS

ENVIRONMENT FRIENDLY

Technical Data

Model	FK/EHB65GT04QD	FK/EHB65GT06TD	FK/EHB75GT20SS
Extruder	65mm, L/D 32:1	65mm, L/D 32:1	75mm, L/D 30:1
Main Drive	37kW	37kW	75kW
Extrusion capacity	150kg/hr	150kg/hr	220kg/hr
Extruding Die	Quad head, 125mm CD	Triple head, 140mm CD	Single head

Clamping Unit

Platen	H300mm × W600mm	H470mm × W450mm	H680mm × W540mm
Carriage stroke	630mm	600mm	800mm
Clamping distance	280mm-425mm	340mm-546mm	540mm-900mm
Clamping force	100kN	100kN	250kN

Utilities

Compressed air	2200 Liter/min.	2200 Liter/min.	5200 Liter/min.
Air pressure	6-8 bar	6-8 bar	6-8 bar
Total power connected	182kW	175kW	186kW
Average power consumption	34.9kW	33.6kW	40.8kW
Mold chilled water	240 Liter/min.	240 Liter/min.	320 Liter/min.
Machine dimension	7.8 × 5.4 × 4.7M	7.9 × 5.3 × 4.7M	9.9 × 5 × 5.6M
Product volume	200 ml-500 ml	750 ml-1 liter	10-20 liter
Productivity	2200BPH	1200BPH	100BPH

* All specifications, design and characteristics shown above are subject to change without prior notice.



An ISO 9001:2008 Company

鳳記國際機械股份有限公司

FONG KEE INTERNATIONAL MACHINERY CO., LTD.

71042 台南市永康區正北一路168號
No. 168, Cheng Pei First Rd.,
Yongkang Dist., Tainan 71042, Taiwan
Tel. +886-6-2532157 Fax. +886-6-2533079
Email. sales@fki.com www.fki.com

EXTRUSION
ISO 9001:2008

