



**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

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**EXTRUSION**  
ISO 9001:2008



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