



EXTRUSION
ISO 9001:2008 **CE**



FK/ABI-125GLK2015

BLOW MOULDING MACHINE ACCUMULATOR HEAD TYPE

Specially designed for making various sizes of table, chairs, with automatic cycle.

Available table sizes from 30" till 96", and also the round table, foldable table at 60" diameter.



Extrusion Excellence

A tailor made machine to meet specific requirement, and completed with various processing functions, such as pre blow, needle blow, parison stretch pin device, pinch off device and robot arm to move out the finished products from the clamp area to avoid any manual operation to step into machine working area for high safety.

Standard Attachments

- Extruder height adjustable by motor.
- Grooved feed extruder for ultra high molecular weight HDPE or polypropylene.
- Melt pressure and temperature gauge.
- Proportional directional valve for carriage move and platen opening / closing.

Optional Attachments

- Safety fence made of aluminum frame or metal grid with interlock device for electric / hydraulic / pneumatic system.
- Air compressor, water chiller, crusher and mold / tooling.

Technical Data

Model	Unit	FK/ABI-125S	FK/ABI-125G
Table Dimension	Inch	72" x 30" x 2"	96" x 30" x 2"

Extruder

Screw Diameter	mm	125	125
Screw L/D		24	30
Main Drive	HP	125	200
Extrusion Capacity	kg / hr	280	450
Barrel Cooling	HP	1 x 4	1 x 5
Heating Zone		4	5
Barrel Heating Capacity	kW	40	50

Accumulator head: four spiral flow channel

Accumulator Capacity	Liter/Kg	20 / 14	25 / 17.5
Heating Zone		6	6
Heating Capacity	kW	75	83
Die Lip Diameter (Max.)	mm	450	450

One size provided as standard within above range

Clamping unit: Tie-barless & free access for mold in/out

Series		LK1818	LK2015	LK2222	LK2513
Clamping Force	ton	150	106	210	140
Clamping Distance	mm	600 - 2000	600 - 2000	600 - 2200	600 - 2000
Mold Platen (Height)	mm	1800	2000	2200	2500
Mold Platen (Width)	mm	1800	1500	2200	1330

Hydraulic unit: High & low pressure circuit with nitrogen accumulator for energy saving

Pump Drive	HP	20 + 10 / 40	30 + 10 / 40	30 + 10 / 40	25 + 10 / 40
Clamping Pressure (Max.)	kg/cm ²	180	180	180	180
Injection Pressure (Max.)	kg/cm ²	160	160	180	160

Utilities

Air Consumption	m ³ /hr	120 - 180	150 - 250	230 - 280	150 - 250
Air Pressure	Kg/cm ²	6 - 8	6 - 8	6 - 8	6 - 8
Total Power Consumption	kW	240	360	360	360
Average Consumption	kW/hr	96	144	144	144
Space for Machine (LxWxH)	m	9.1 x 5.3 x 6.7	9.5 x 5.7 x 6.7	12 x 9 x 7.5	9.8 x 5.7 x 7.6

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



An ISO 9001:2008 Company

豐記國際機械股份有限公司

FONG KEE INTERNATIONAL MACHINERY CO., LTD.

No. 168, Cheng Pei First Rd., Yongkang Dist.,
Tainan City 71042, Taiwan

TEL: +886-6-253-2157 sales@fki.com

FAX: +886-6-253-3079 www.fki.com

