



EXTRUSION
ISO 9001:2008 **CE**



FK/ABI-75GLK1098

BLOW MOULDING MACHINE ACCUMULATOR HEAD TYPE

Suitable for making 15 liter up to 30 liter jerry can or any hollow shaped articles.



Extrusion Excellence

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 with interlock device for electric/hydraulic/pneumatic system.
- Deflashing device in line or off line system.
- Off line post cooling unit completed with leak detector and weight balance.
- Air compressor, water chiller, crusher and mold/tooling.

Technical Data

Model	Unit	FK/ABI-75S	FK/ABI-75G
Products Volume	Liter	15 - 30	15 - 30

Extruder: Grooved feed type or smooth bore

Screw Diameter	mm	75	75
Screw L/D		24	30
Main Drive	HP	50	75 / 100
Extrusion Capacity	kg / hr	120	180 / 240
Barrel Cooling	HP	1/2 x 4	1/2 x 4
Heating Zone		4	4
Barrel Heating Capacity	kW	15	18

Accumulator head: four spiral flow channel

Accumulator Capacity	Liter/Kg	6 / 4.2	8 / 5.6	10 / 7
Heating Zone		5	5	5
Heating Capacity	kW	26	30	39
Die Lip Diameter (Max)	mm	250	310	310

One size provided as standard within above range



Post cooling unit

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

Series		BT7085	BT8094	LK1098
Clamping Force	ton	35	45	45
Clamping Distance	mm	394 - 1164	400 - 1400	400 - 1400
Mold Platen (Height)	mm	700	800	1000
Mold Platen (Width)	mm	854	944	980

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

Pump Drive	HP	15 + 7.5 / 15	20 + 10 / 20
Clamping Pressure (Max.)	kg/cm ²	180	180
Injection Pressure (Max.)	kg/cm ²	160	160

Utilities

Air Consumption	m ³ /hr	60 - 100	90 - 130	90 - 130
Air Pressure	Kg/cm ²	6 - 8	6 - 8	6 - 8
Total Power Consumption	kW	120	180	200
Average Consumption	kW/hr	48	72	80
Space for Machine (LxWxH)	m	7 x 4.5 x 4.5	8.5 x 4.5 x 5.5	8.5 x 4.5 x 5

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



An ISO 9001:2008 Company

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