

®



EXTRUSION
ISO 9001:2008



FK/ABI-100GLK1098

BLOW MOULDING MACHINE ACCUMULATOR HEAD TYPE

*Suitable for making 30 liter up to 120 liter jerry can,
Open top barrel drum 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.
- High/Low pressure with nitrogen accumulator for energy saving.

Optional Attachments

- Safety fence by metal grid and with interlock device for electric/hydraulic/pneumatic system.
- Off line neck trimmer.
- Off line post cooling unit completed with leak detector and weight balance.
- Air compressor, water chiller, crusher and mold/tooling
- Gravimetric dosing system for virgin material, recycled material and masterbatch.

Technical Data

Model	Unit	FK/ABI-100S	FK/ABI-100G
Products Volume	Liter	30 - 60	30 - 120

Extruder

Screw Diameter	mm	100	100
Screw L/D		24	30
Main Drive	HP	60	125
Extrusion Capacity	kg / hr	140	280
Barrel Cooling	HP	1/2 x 4	1/2 x 5
Heating Zone		4	5
Barrel Heating Capacity	kW	26	32

Accumulator head: four spiral flow channel

Accumulator Capacity	Liter/Kg	8 / 5.6	10 / 7	12 / 8.4	15 / 10.5
Heating Zone		5	5	5	5
Heating Capacity	kW	30	39	43	67
Die Lip Diameter (Max.)	mm	310		450	

One size provided as standard within above range

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

Series		BT8094	LK1098
Clamping Force	ton	45	45
Clamping Distance	mm	400 - 1400	400 - 1400
Mold Platen (Height)	mm	800	1000
Mold Platen (Width)	mm	944	980

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

Pump Drive	HP	20 + 10 / 20	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	90 - 130	90 - 130
Air Pressure	Kg/cm ²	6 - 8	6 - 8
Total Power Consumption	kW	180	200
Average Consumption	kW/hr	72	80
Space for Machine (LxWxH)	m	7.3 x 4.3 x 4.8	8.5 x 4.5 x 5

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



Open top drum neck trimmer

