



EXTRUSION
ISO 9001:2008 



FK/ABI-150GLK1818

BLOW MOULDING MACHINE ACCUMULATOR HEAD TYPE

Specially design for making very big size of articles, round table, water storage tank, 1000 liter IBC, water pressure tank, buoy, etc.

Available to cover max. shut weight up to 60 kg, clamp force 210 tons.



Extrusion Excellence

Standard Attachments

- Extruder height adjustable by motor.
- Melt pressure and temperature gauge for extruder.
- Two separate power pack for injection and mold clamp system.
- Proportional directional valve for clamp open and close.
- Robot arm to take articles out of clamp area.
- Hydraulic pump and valve of leading brand.
- Pneumatic components of leading brand.
- Multi process control system with 100 points parison control

Optional Attachments

- Auto doser either of gravimetric or volumetric dosing system.
- Safety fence with interlock device for electric / hydraulic / Pneumatic system.
- Air compressor, water chiller, granulator, mold /tooling

Technical Data

Model	Unit	FK/ABI-100G	FK/ABI-125G	FK/ABI-150G
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Extruder: Two extrusions available to reach extrusion capacity up to 1500 kg/hr

Screw Diameter	mm	100	125	150
Screw L/D		30	30	30
Main Drive	HP	125	200	350
Extrusion Capacity	kg / hr	280	400	700
Barrel Cooling	HP	1 / 2	1	1
Heating Zone		5	5	6
Barrel Heating Capacity	kW	32	50	71

Accumulator head: four spiral flow channel

Accumulator Capacity	Liter/Kg	30 / 21	35 / 25	45 / 32	65 / 46	85 / 60
Heating Zone		6	6	6	6	6
Heating Capacity	kW	110	125	110	130	140
Die Lip Diameter (Max).	mm	600	980	810	810	810

One size provided as standard within above range

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

Series		LK1818	LK2220
Clamping Force	ton	120	210
Clamping Distance	mm	600 - 1800	600 - 1800
Mold Platen (Height)	mm	1800	2200
Mold Platen (Width)	mm	1800	2000

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

Pump Drive	HP	40 + 40 / 10	40 + 40 / 10
Clamping Pressure (Max.)	kg/cm ²	180	180
Injection Pressure (Max.)	kg/cm ²	200	180

Utilities

Air Consumption	m ³ /hr	150 - 250	230 - 280
Air Pressure	Kg/cm ²	6 - 8	6 - 8
Total Power Consumption	kW	378	495
Average Consumption	kW/hr	152	200
Space for Machine (LxWxH)	m	11 x 7 x 7.1	12 x 9 x 7.5

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



An ISO 9001:2008 Company

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