



EXTRUSION
ISO 9001:2008 CE



FK/ABI-100GLK2013

BLOW MOULDING MACHINE ACCUMULATOR HEAD TYPE

Specially designed for making various sizes of water vessel, water dispenser, air duct, air joint, auto mobile conduit pipe and furniture board.



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 as a total automation.

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 metal grid with interlock device for electric / hydraulic / pneumatic system.
- Air compressor, water chiller, crusher and mold / tooling.

Technical Data

Model	Unit	FK/ABI-75G	FK/ABI-100S	FK/ABI-100G	FK/ABI-125S	FK/ABI-125G
Water Vessel	Inch	8" x 35" , 8" x 44"	10" x 44" , 10" x 45"	12" x 48"	13" x 54"	16" x 65"

Extruder

Screw Diameter	mm	75	100	100	125	125
Screw L/D		30	24	30	24	30
Main Drive	HP	75	60	125	125	200
Extrusion Capacity	kg / hr	180	140	280	280	450
Barrel Cooling	HP	1/2 x 4	1/2 x 4	1/2 x 5	1 x 4	1 x 5
Heating Zone		4	4	5	4	5
Barrel Heating Capacity	kW	18	26	32	40	50

Accumulator head: four spiral flow channel

Accumulator Capacity	Liter/Kg	10 / 7	12 / 8.4	15 / 10.5	20 / 14	25 / 17.5
Heating Zone		5	6	6	6	6
Heating Capacity	kW	39	43	67	75	83
Die Lip Diameter (Max)	mm	310	310	450	450	450

One size provided as standard within above range

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

Series		LK1213	LK1410	LK1414	LK1610	LK1818	LK2010	LK2013	LK2513
Clamping Force	ton	70	106	106	106	150	106	106	140
Clamping Distance	mm	600 - 2000	400-1400	600-1200	600-2000	600-2000	600-2000	600 - 2000	600 - 2000
Mold Platen (Height)	mm	1200	1400	1400	1600	1800	2000	2000	2500
Mold Platen (Width)	mm	1330	1070	1470	1070	1800	1070	1330	1330

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

Pump Drive	HP	25 + 10 / 80	25 + 10 / 30	25 + 10 / 40	30 + 10 / 30	25 + 10 / 40
Clamping Pressure (Max.)	kg/cm ²	180	180	180	180	180
Injection Pressure (Max.)	kg/cm ²	160	160	160	160	160

Utilities

Air Consumption	m ³ /hr	120 - 180	120 - 180	120 - 180	150 - 250	150 - 250
Air Pressure	Kg/cm ²	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8
Total Power Consumption	kW	140	215	240	240	360
Average Consumption	kW/hr	56	86	96	96	144
Space for Machine (LxWxH)	m	9 x 5 x 6	9 x 5 x 7	8.6 x 5.7 x 6.6	10.5 x 6.5 x 7.1	9.8 x 5.7 x 7.1

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



An ISO 9001:2008 Company

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