



EXTRUSION
ISO 9001:2008 



ABI-125 LK1414-DS
FK/ABI-150 LK1422-DS

BLOW MOULDING MACHINE **DUAL ACCUMULATOR HEAD TYPE**

Specially designed for making various size of light weight but long articles, like toys, air duct or flower pots and etc.



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 aluminum frame or metal grid with interlock device for electric / hydraulic / pneumatic system.
- Air compressor, water chiller, crusher and mold / tooling.
- Hydraulic screen changer for 100% regrind material

Technical Data

Model	Unit	FK/ABI-100G	FK/ABI-125G	FK/ABI-150G
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Extrusion : Single extruder for dual head, or, one extruder for one head

Screw Diameter	mm	100	125	150
Screw L/D		30	30	30
Main Drive	HP	125	200	300
Extrusion Capacity	kg / hr	280	380 - 450	600 - 750
Barrel Cooling	HP	1/2	1	1
Heating Zone		5	5	6
Barrel Heating Capacity	kW	32	50	71

Dual head Accumulator head: four spiral flow channel

Center Pitch	mm/in	610 (24)	610 (24)	533.4 (21)	914.4 (36)	1066.8 (42)
Accumulator Capacity	Liter/Kg	2 x (3 / 2.1)	2 x (6 / 4.2)	2 x (6 / 4.2)	2 x (10 / 7)	2 x (12 / 8.4)
Heating Zone		2 x 5	2 x 5	2 x 5	2 x 5	2 x 5
Heating Capacity	kW	2 x 24	2 x 29	2 x 41.2	2 x 50	2 x 54.4
Die Lip Diameter (Max)	mm	190	250	250	400	310

One size provided as standard within above range

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

Series		LK1213	LK1413	LK1622	LK1414	LK1422
Clamping Force	ton	55	55	150	150	150
Clamping Distance	mm	380 - 1380	380 - 1380	380 - 1380	600 - 2000	600 - 2000
Mold Platen (Height)	mm	1200	1400	1600	1400	1400
Mold Platen (Width)	mm	1300	1300	2200	1470	2200

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

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

Utilities

Air Consumption	m ³ /hr	120 - 180	120 - 180	150 - 250	150 - 250	150 - 250
Air Pressure	Kg/cm ²	6 - 8	6 - 8	6 - 8	6 - 8	6 - 8
Total Power Consumption	kW	250	315	357	644	783
Average Consumption	kW/hr	100	126	143	258	313
Space for Machine (LxWxH)	m	10.1 x 8.4 x 4.7	10.1 x 8.5 x 4.9	11.3 x 10.5 x 5.4	11.5 x 10.2 x 5	15.5 x 11.5 x 5.6

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



An ISO 9001:2008 Company

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