



EXTRUSION
ISO 9001:2008 



FK/ABF-100G/75G-L

TWO LAYER BLOW MOULDING MACHINE ACCUMULATOR HEAD TYPE

with inline auto deflashing unit

*Suitable for making 200/220 lt L ring drum and
120/150/200 lt open top barrel drum.*



Extrusion Excellence

Standard Attachments

- Grooved feed extruder suitable to work with ultra high molecular weight HDPE.
- European or Taiwan made helical gearbox with thrust bearing of SKF #29430E/#29426E.
- Main drive with ac motor and vector inverter.
- Extruder height adjustable 300mm; Forward/backward distance 1000mm.
- Unscrew Function for blow pin unit for inner thread neck.
- LK type clamp unit of 6 locking device.
- Proportional valve for injection speed as well as locking system.
- Safety device with photo cell fixed on two sides of clamp platens.
- Robot arm to take the finished product out from clamp area to inline auto deflashing device.
- Slide chute to collect the finished product.

Optional Attachments

- Safety fence made of metal grid with interlock device for electric/hydraulic/pneumatic system.
- Post cooling unit with alum mold to shorten cycle time and stabilize drum quality.
- Vertical cutting saw.
- Strong crusher completed with turbo blower and silo tank.
- Water chiller and air compressor.
- Blow mould and injection cap molds.
- Partial wall thickness system (PWDS) from Feuerherm, Germany with SFDR to reduce drum weight 5-6% and improve cycle time 8-10%.

Technical Data

Model	Unit	FK/ABF-100G/75G-L
Products Volume	Liter	200 - 220

Extruder

Screw Diameter	mm	100 / 75
Screw L/D		30
Main Drive	HP	125 / 75
Extrusion Capacity	kg / hr	Total 420 300 / 170
Barrel Cooling	kW	2.34 / 1.235
Heating Zone		5 / 4
Barrel Heating Capacity	kW	32.4 / 20.6

Accumulator head: four spiral flow channel

Accumulator Capacity	Liter/Kg	25 / 17.5
Heating Zone		6
Heating Capacity	kW	77
Die Lip Diameter (Max.)	mm	370

One size provided as standard within above range

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

Series		LK1412
Clamping Force	ton	70
Clamping Distance	mm	820 - 1720
Mold Platen (Height)	mm	1400
Mold Platen (Width)	mm	1270

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

Pump Drive	HP	25 + 7.5 / 40
Clamping Pressure (Max.)	kg/cm ²	140
Injection Pressure (Max.)	kg/cm ²	160

Utilities

Air Consumption	m ³ /hr	120 - 180
Air Pressure	Kg/cm ²	6 - 8
Total Power Consumption	kW	344
Average Consumption	kW/hr	138
Space for Machine (LxWxH)	m	7.7 x 4.3 x 6.5

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



PWDS



Post cooling unit

