



ABLB 100 I / ABLB 100 II

Automatic Injection Blow Molding Machine



Main technical parameter

Name	Unit	ABLB 100 I	ABLB 100 II
Max. product volume	L	30	30
Cycle time	PC/H	600	400-5
Stroke diameter	mm	100	100
Stroke L/D ratio	L/D	25	25
Stroke stroke speed	mm/s	55	55
Stroke feeding capacity	PC/H	15	15
No. of feeding zone	Zone	4	4
Output of HDPE	KG/H	100	100
Clamp stroke speed	mm/s	15	15
Clamping force	KN	220	220

Servo system: Control hydraulic servo system.

Electrical control system: It is controlled by imported PLC and man-machine interface (in Chinese or English) and controlled by color touch screen. All process setting, changing, monitoring, recording, and trouble diagnosis can be done on the touch screen. For contact wiring, please refer to components list available.

Hydraulic system: It is controlled by proportional pressure and is provided with ISO90 hydraulic components, so it is convenient and stable.

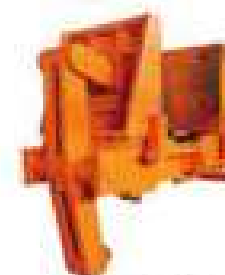
Pressure control system: Efficient control system ensures sufficient and even pressure.

Speed regulating system: Frequency variable regulating + digital speed feedback control, speed can be regulated with the touch screen.

Clamping system and die shifting system: Die shifting and clamping are done by clamping mechanism with double straight forward, so it has high accuracy for moldless and high speed.

Note:

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!



Name	Unit	ABLB 100 I	ABLB 100 II
Max. size of mold	mm	300-400	300-400
Template size	mm	300-400	300-400
Mold stroke	mm	400-500	400-500
Max. die diameter	mm	200	200
Blowing pressure	MPa	0.8	0.8
Air volume	m³/min	1.2	1.0
Cooling water pressure	MPa	0.2	0.2
Water consumption	L/min	100	100
Size of machine	L*W*H	5.0x3.0x3.2	5.0x3.0x3.2
Weight of machine	Ton	10	10