

Plastic Bottle Injection Blow Molding Machine PP / PET FG 40/60/80/100



Characteristics:

1. It is one step injection blowing machine, the raw material is PP/PE/PS pellets, no need preforms.
2. One Mold with Multi-cavity based on your required bottle size, using three horizontal station rotary device, hot runner system and multi-stage injection molding system, injection molding, blow molding, demanding three position and action to ensure equipment of high efficiency and energy saving operation.
3. Compared with the blow molding machine, the quality of the bottle neck made by thus machine is better, and it no need waste raw material.

Technical parameters:

Name	Unit	FG40	FG60	FG80	FG100
Screw diameter	mm	40	45	50/55	60
L/D Ratio		22:01	22:01	22:01	22:01
Injection Capacity	9	176	260	314	415
Heating power	KW	7.5	10	43687	12
Heating section		3+N	3+N	4+N	4+N
Injection mould clamping force	KN	400	600	800	1000
The injection mold opening stroke	mm	140	140	140	150
Mould clamping force	KN	60	100	120	150
Blow mold opening stroke	mm	140	140	140	150
Injection stroke	mm	160	160	160	160
Mold Size	mm	480*340	600*390	800*400	1000*460
Min. Thickness of Mold	mm	180	240	280	280
Main motor power	KW	11	18.5	22	30
Reject Stroke	mm	210	230	230	230
Dry Cycle Time	s	3.5	4	4	4
Total power	KW	20	30	40	45
Operating power	%	52-70	52-70	52-70	52-70
System pressure	Map	14	14	14	14
Compressed air pressure	MPa	0.7-1.2	0.7-1.2	0.7-1.2	0.7-1.2
Cooling water pressure	MPa	0.3-0.4	0.3-0.4	0.3-0.4	0.3-0.4
Product maximum diameter	mm	120	120	120	120
Product maximum length	mm	200	220	220	220
Product volume	ml	3-800	3-800	3-1000	3-1000
Dimensions	M	3*1.3*1.7	3.5*1.4*1.8	4*1.6*2	4.5*1.8*2
Equipment weight	Ton	03.май	5	8	10