

## Injection Blow Molding Machine GS-30/50/50S/60



### Product introduction

- Adopt Electro-Hydraulic Hybrid Servo System Can Save 40% power than usual.
- Adopt three-cylinder to lock the mold with the replenishing valve, can make the high and short cycle products.
- Apply the double vertical pole and single horizontal beam to make enough rotation space, longer bottles, make the mold installation easy and simple.
- Adopt electrical rotation system for client option, rotation speed and precision can be controlling.

Specification	Unit	G-30	G-30S	G-50	G-50S	G-60
Screw diameter	mm	40	40	55	55	55
Screw L/D ratio		22	22	22	22	22
Injection capacity(PE)	g	165	165	300	300	400
Max theoretical injection pressure	Mpa	175	175	170	170	170
Hydraulic system pressure	Mpa	14	14	14	14	14
Idle cycle time	S	3	3	4	4	4.5
Clamping force of Injection mold	KN	300	300	550	550	650
Clamping force of blowing mold	KN	55	55	150	150	160
Mold opening stroke	mm	120	120	120	120	120
Ejection stroke	mm	200	200	200	200	220
Rotary table lifting stroke	mm	60	60	60	60	60
Mold min thickness	mm	180	180	240	240	280
Mold size	mm	420 x 300	420 x 300	580 X 390	580 X 390	780 x 390

Max Height of Product	mm	200	200	200	200	235
Max Dimension of product	mm	100	100	100	100	100
Volume Range of product	ml	≤800	≤800	≤1000	≤1000	≤1200
Heating zone	Qty	3	3	4	4	4
Mold heating consumption	Kw	1.2-2.0	1.2-2.0	1.2-2.5	1.2-2.5	3.5
Air pressure consumption	M3/Min	≥0.8	≥0.8	≥0.8	≥0.8	≥0.8
Cooling water consumption	M3/Min	3	3	3	3	3
Main Motor Power	Kw	15	11.4	22	20	30
Total Power	Kw	20.5	11.5	29	27	45
Overall size (L X W X H)	mm	3050 X 1250 X 2200	3050 X 1250 X 2200	3750 x 1500 x 2230	3750 x 1500 x 2230	4150 x 1800 x 2350
Machine weight	kgs	3500	3300	6500	6300	8500