



## **ISBM Series Full-Automatic Injection Blow Molding Machine**

**Cosmetic Bottle**

**Pharmaceutical Bottle**

**Food Bottle**

**Condiment Bottle**

**ISBM**



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## ISBM Series Full-Automatic Injection Blow Moulding Machine

This machine has multi-cavities in one mold which can produce automatically and continuously. It adopts four working stations index head, hot runner system and multi-stage injection molding system. Injection, temperature adjustment, stretch blow molding and product out-feed stations work simultaneously to ensure high efficiency and energy saving operation of the machine. It is the preferred equipment for modernized production.



- Four-station index head fitted with high-speed servo driving system reduces the dry cycle significantly.
- Hydraulic driving system equipped with highly efficient, changeable and readily controllable closed-loop variable displacement piston pump, 30%-40% power consumption saved.
- The whole process of injection could set five stages of pressure and speed. It ensures the stable product quality.



- Equipment parameters and process are set by HMI for living supervising of the equipment operation and its matching up with the panel switches and buttons, enables convenient, direct and highly efficient operation of the whole unit.
- Mold is made of high class stainless steel. It is processed by special high precision numerical control equipment and fully guarantees the forming quality of bottle product.

## Technical Data

ITEM	UNIT	ISBM 120	ISBM 400
Screw Diameter	mm	40	55
Injection Capacity (max.)	cm <sup>3</sup>	120	400
Injection Clamping Force	kN	130	680
Blow Clamping Force	kN	130	240
Total Power	kW	36,5	70
Operating Power	%	46~65	46~65
Blow Air Pressure	Mpa	3~3,5	3~3,5
Working Air Pressure	Mpa	0,7~0,9	0,7~0,9
Cooling Water Pressure	Mpa	0,25~0,40	0,25~0,40
Overall Dimension (LxWxH)	cm	410x100x300	550x185x330
Weight Approx.	t	4,2	8,8



ITEM	UNIT	ISBM 120						ISBM 400						
		1	2	3	4	5	6	1	2	3	4	6	8	10
No. of Cavities	Cav.													
Product Volume (max.)	L	2,5	1,5	0,9	0,4	0,25	0,1	7	4,5	3,5	3	1	0,4	0,25
Neck Diameter (max.)	mm	70	55	40	28	25	19	145	110	96	98	53	34	24
Product Height (max.)	mm	310	300	300	250	200	200	350	350	350	350	300	250	250
Product Diameter (max.)	mm	118	90	69	52	42	35	180	140	130	120	29	54	45
Product Weight (max.)	g	100	50	33	25	20	17	311	156	104	78	52	39	31

**If you would like more information about our machines, please send us e-mail, fax or even better give us a call.**

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