

Extrusion Blow Molding Milk Bottle Machine



1. This model is featured as follows: multi die head, double station and high production. Bottle wall thickness of each cavity is made even with the design of center feeding die head, processed by CNC machine center.
2. Machine uses imported brand for hydraulic components and adopts double proportional valve to control the flow speed and pressure of oil circuit which can also be managed online. Movement of the above is stable and smooth.
3. MOOG 100 Points Parison Controller System can be adopted to further improve product quality.
4. This model can be upgraded into "Hybrid Type" , the carriage moving part of which is designed with servo motor to achieve no noise, easy operation, precise position and swift center-focus on mould.
5. Machine can be designed to work with robot arm, conveyor, leak tester, in-mould label, packaging machine, etc. as per your requirement.

TECHNICAL SPECIFICATION

Category	Item	Unit	100ML-6	500ML-6	500ML-8	1.5L-3	1.5L-4	
			PE/PP					
Basic Specification	Raw Material	—	PE/PP					
	Dimension	m	4.0×2.2×2.2	5.3×3.5×2.4	5.3×4.5×2.4	5.3×2.8×2.4	6.0×3.8×2.4	
	Total Weight	T	8	12	12	12	15	
	Product Capacity	ml	100	500	500	1500	1500	
Extrusion System	Diameter of screw	mm	80	90	90	90	100	
	Screw L / D ratio	L / D	23:1	25:1	28:1	28:1	25:1	
	Number of heating zones	pcs	4	5	5	5	6	
	Extruder drive power	KW	22	30	37	37	37	
	Plasticizing capacity	kg / h	75	120	130	130	140	
Die Head	Heating zones	pcs	7	7	9	4	5	
	Number of cavities	—	6	6	8	3	4	
	Center distance	mm	60	100	100	160	160	
Clamping System	Clamping distance	mm	150	200	200	200	200	
	Sliding distance	mm	450	700	900	550	750	
	Open stroke	mm	150-300	160-360	160-360	160-360	160-360	
	Clamping force	kn	100	125	125	125	125	
Power consumption	Air pressure	Mpa	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	
	Air consumption	m ³ / min	0.8	0.9	1	1	1.1	
	Cooling water consumption	m ³ / h	1.5	1.5	1.5	1.5	1.8	
	Oil Pump power	KW	11	15	15	15	18.5	
	Total power	KW	59-63	72-78	75-78	72-78	94-98	