

## *Extrusion Blow Molding Machine For Bottle*



1. It is suitable for producing 1L-12L fuel bottle, lubricating oil bottle, etc.
2. Smooth treatment inside the die head with no dead angle in the curve flow runner gives good effect to smoothness and no lines outside and inside the finished products.
3. The effect of multi-layer co-extrusion, with the option of visible line design in the finished product, ensures uniform thickness in layers and the -shaped flow runner design inside die head, with less than two hours of color change, create translucent and straight visible line with even width top and bottom.
4. Machine can be equipped with auto deflating, take-out units for finished product, conveyors for waste material and finished product, in-mould label and leak tester.
5. 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.

## TECHNICAL SPECIFICATION

Category	Item	Unit	1000ml-4	2000ml-3	5L-2	12L-2
			PE/PP			
Basic Specification	Raw Material	—	PE/PP			
	Dimension	m	5.3×3.5×2.4	5.3×3.5×2.4	5.3×3.5×2.4	6.0×4.0×2.4
	Total Weight	T	8	12	12	12
	Raw Material	ml	1000	2000	5000	12000
Extrusion System	Diameter of screw	mm	90/80	90/80	90/80	100/90
	Screw L / D ratio	L / D	25:1/23:1	25:1/23:1	25:1/23:1	28:1/25:1
	Number of heating zones	pcs	5	5	5	7
	Extruder drive power	KW	30/22	30/22	30/22	45/30
	Plasticizing capacity	kg / h	120	120	120	160
Die Head	Heating zones	pcs	5	7	5	5
	Number of cavities	—	4	3	2	2
	Center distance	mm	150	190	240	280
Clamping System	Clamping distance	mm	200	200	250	350
	Sliding distance	mm	700	700	650	800
	Open stroke	mm	240-440	240-440	230-480	330-680
	Clamping force	kn	125	125	125	180
Power consumption	Air pressure	Mpa	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
	Air consumption	m <sup>3</sup> / min	0.9	0.9	0.9	1
	Cooling water consumption	m <sup>3</sup> / h	1.5	1.5	1.5	1.8
	Oil Pump power	KW	15	15	15	18.5
	Total power	KW	72-78	72-78	72-78	88-113