

CM-S/D/T/F H Series Continuous Extrusion Blow Molding Machine



This series is a single station extrusion blow molding machine for containers from 50ml to 20L. These machines exhibit high reliability, excellent efficiency and flexibility to meet varied customer requirements.

Feature:

- Screw design according to customer requirements. Screw and barrel are made of special steel and undergo nitrifying.
- The special structure of extruder and the vertical and longitudinal adjustment of the flat-table are adjusted automatically. Blow nozzle post is also auto adjust and equipped with a water cooling device.
- Specially designed hydraulics, circuiting, and accuracy of moulding movement & positioning.
- A parison parameter controller is also available for auto thickness adjusting.
- Auto bottom mould release and auto circular jar cutter are also available.
- Independent electrical cabinet, reduced vibration and computer control are according to customer request.

Specifications:

Model			CM-45SH	CM-55SH	CM-65SH	CM-75SH	CN-90SH	CM-45DH	CM-55DM	CM-65DH	CM-75DH	CM-90DH	CM-55FH	CM-65FH	CM-75FH	CM-90FH	
Model	Material to be Used		PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	PE/PP	
	Screw Diameter	mm	Ø45	Ø55	Ø65	Ø75	Ø90	Ø45	Ø55	Ø65	Ø75	Ø90	Ø55	Ø65	Ø75	Ø90	
	L/D Ratio		24/1	24/1	24/1	24/1	26/1	24/1	24/1	24/1	24/1	24/1	26/1	24/1	24/1	24/1	26/1
	Screw Speed Range (PE)/rpm	rpm	15-85	20-80	20-80	20-75	20-65	15-85	15-65	15-65	15-65	15-65	15-65	15-65	15-65	15-65	15-60
	Inverter Motor	HP	10	15	20	30	60	10	15	20	30	50	20	30	40	50	
	Max. Extrusive Capacity/Hour	kgs	25	37	60	78	105	25	37	60	78	105	37	60	78	105	
	Heating Zone (Barrel)	zone	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3
	Heating Capacity (Barrel)	kw	3.9	7.2	10.8	12.6	25.2	3.9	7.2	10.8	12.6	25.2	7.2	10.8	12.6	25.2	
Die head	Heating Zone (Diehead)	zone	3	3	3	3	3	3	3	3	5	5	5	5	5	9	
	Heating Capacity (Diehead)	kw	3.5	5.8	8	8.6	16.4	5.4	7.7	11.9	12.6	25.2	12	13	14.7	21.4	
	Double Mold Center Distance	mm	-	-	-	-	-	120	130	140	160/180	200/220	100	100	100/120	120	
Mold Plate	Max. Opening Stroke	mm	350	410	550	610	840	350	410	550	610	635	410	550	610	570	
	Min. Close Stroke	mm	80	100	172	210	340	80	100	172	210	233	100	172	210	250	
	Mold Clamping Force	ton	4	5.5	8	9	10.8	4	6	7.5	9	10.5	6	7.5	9	10.5	
Hydraulic System	Hydraulic Pump Motor	HP	7.5	10	15	20	25	10	10	15	20	25	10	15	20	25	
	Hydraulic Oil Pressure	kg/cm ²	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
	Oil Tank Capacity	gallon	50	75	85	100	300	50	75	85	100	300	75	85	100	300	
Product	Product Weight (Max.)	g	100	170	280	430	1000	80	120	140	160	250	20	40	60	80	
	Product Dia. (Min./Max.)	mm	20-100	30-140	50-200	70-260	160-310	20-80	30-100	50-110	100-150	100-190	10-65	10-65	28-80	30-100	
	Product Capacity (Min./Max.)	ml	250-1000	400-2500	800-5000	4000-10000	10000-20000	40-500	200-1000	500-2000	1000-3000	1500-5000	50-300	100-500	300-1000	300-1500	
	Total Power Consumption	kw	24.2	35.4	48.6	62.2	108.7	22.4	37.3	52.6	66.3	110	45.5	62.3	72	106.3	
	Weight of Machine	ton	3	4.5	5.5	6.5	8.5	4	4.5	6	7	8.5	4.8	6	7.5	9.5	