



Moulding Your Future

High Speed Blow Moulding Machine

Technical Data : T & DST (Inclined 3-Tie bar Clamping System)



SMC Machine Model	Unit	350T	350DST	1000T	1000DST	2000T	2000DST	3000T	3000DST	3000DSTL	5000T	5000DST
General Specification												
Capacity / Article Size	ml	Up to 500	Up to 500	Up to 1000	Up to 1000	Up to 2000	Up to 2000	Up to 3000	Up to 3000	Up to 3000	Up to 5000	Up to 5000
Clamping Force	kN	14	14	16	16	25	25	50	50	50	120	120
Mould Dimensions (W x L x T)	mm	240x170x80		280x260x120		300x320x160		360x350x200		440x300x160	480x420x260	
Daylight Opening (Max)	mm	225		300		355		445		355	540	
Dry Cycle*	sec	3	5	3.5	5.5	4	6	4	6	6	6	8
Extrusion Die Head Center Distance (CD)												
2 Cavities	mm	85	85	85	85	120	120	120	140	140	160	160
3 Cavities	mm	70	70	85	85	85	85	100	100	120	120	120
4 Cavities	mm			60	60	65	65	85	85	100	100	100
6 Cavities	mm									65	65	65
8 Cavities	mm											
Extruder Unit with Inverter Drive												
Screw Diameter	mm	38	45	45	52	52	60	60	70	80	70	90
Length/Diameter Ratio	L/D	24	24	24	24	24	24	24	24	24	24	24
No. of Heating Zones	no.	3	3	3	3	3	3	3	3	3	3	3
Hydraulic Unit												
Oil Tank Capacity	liter	120	120	120	160	170	170	170	170	170	170	180
Operating Pressure	bar	80	80	80	80	80	80	80	80	80	100	100
Energy Consumption												
Electric Screw Motor	kW	11	15	15	18.5	18.5	22	22	30	45	30	45
Main Drive Power	kW	4	4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	15	18.5
Heating Capacity (Max.)	kW	6	7.2	7.8	10	10.5	11	10	11	16.5	11	18.2
Total Connected Load	kW	21.3	26.5	30.6	36.3	36.8	40.8	40.5	49.9	70.4	57.4	81.7
Average Power Consumption*	kW	11.5	14.2	16.7	19.8	20.1	22.1	21.9	26.5	37.3	33.1	49.1
Average Air Consumption	NL/min	500	800	900	1400	1100	1650	1400	2250	2500	1500	2500
Required Air Pressure (Min.)	bar	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8	6-8
Hydraulic System Cooling*	kcal/hr	3000	5200	5200	6500	6500	7200	7200	8500	11500	10320	12700
Cooling System Pressure	bar	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3
Machine Dimension												
Machine Width*	mm	1085	1810	1280	2075	1400	2225	1630	2510	2900	1827	3110
Machine Length*	mm	2105	2350	2850	2900	3055	3055	3270	3300	3565	3750	3875
Machine Height*	mm	2000	2000	2200	2330	2400	2400	2400	2600	2600	3000	3000
Machine Weight*	kg	1350	1800	2800	4000	3500	4600	4100	6800	7200	5400	9000

Remark : * Estimated Values only



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