



Moulding Your Future

High Speed Blow Moulding Machine

Technical Data : TG & DTG (Linear Carriage Clamping Movement)



SMC Machine Model	Unit	3000TG	3000DTG	5000TG	5000DTG
General Specification					
Capacity / Article Size	ml	Up to 3000	Up to 3000	Up to 5000	Up to 5000
Clamping Force	kN	180	180	180	180
Mould Dimensions (W x L x T)	mm	580x400x260		630x400x260	
Daylight Opening (Max)	mm	550		550	
Dry Cycle*	sec	4	6	6	8
Extrusion Die Head Center Distance (CD)					
2 Cavities	mm	180	180	250	250
3 Cavities	mm	160	160	180	180
4 Cavities	mm	120	120	140	140
6 Cavities	mm	85	85	85	85
8 Cavities	mm	65	65	85	85
Extruder Unit with Inverter Drive					
Screw Diameter	mm	70	80	80	90
Length/Diameter Ratio	L/D	24	24	24	24
No. of Heating Zones	no.	3	3	3	3
Hydraulic Unit					
Oil Tank Capacity	liter	300	400	300	600
Operating Pressure	bar	120	120	120	120
High Pressure	bar	150	150	150	150
Energy Consumption					
Electric Screw Motor	kW	37	45	45	45
Main Drive Power	kW	26	33	33	41
Heating Capacity (Max.)	kW	26.8	37.2	37.2	43.7
Total Connected Load	kW	89.8	115.2	115.2	129.7
Average Power Consumption*	kW	44.90	57.60	57.60	64.85
Average Air Consumption	NL/min	1800	2400	2600	3200
Required Air Pressure (Min.)	bar	6 - 8	6 - 8	6 - 8	6 - 8
Hydraulic System Cooling*	kcal/hr	12750	22700	28200	33000
Cooling System Pressure	bar	2 - 3	2 - 3	2 - 3	2 - 3
Machine Dimension					
Machine Width*	mm	2100	2500	2725	3450
Machine Length*	mm	4000	3775	5300	5300
Machine Height*	mm	2550	2550	2100	2100
Machine Weight*	kg	9000	12000	11000	15000

Remark : * Estimated Values only



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