



Moulding Your Future

High Speed Blow Moulding Machine

Technical Data : XL & 30L



SMC Machine Model	Unit	5000XL	30S**	30M**	30DMA**
General Specification					
Capacity / Article Size	ml	Up to 5000	Up to 30000	Up to 30000	Up to 30000
Clamping Force	kN	120	300	300	300
Mould Dimensions (W x L x T)	mm	410x510x260	600x700x460		
Daylight Opening (Max)	mm	540	950	950	950
Dry Cycle*	sec	6	12	12	20
Extrusion Head					
Accumulator Single Head	liter	1.5	4	4	6
Continuous Single Head	mm	as per request	n/a	as per request	as per request
Extruder Unit with Inverter Drive					
Screw Diameter	mm	80	90	90	120
Length/Diameter Ratio	L/D	24	24	24	24
No. of Heating Zones	no.	3	5	5	5
Hydraulic Unit					
Oil Tank Capacity	liter	180	550	550	570
Operating Pressure	bar	100	100	100	100
High Pressure	bar	n/a	150	150	150
Energy Consumption					
Electric Screw Motor	kW	45	45	45	90
Main Drive Power	kW	7.5	33	33	41
Heating Capacity (Max.)	kW	22.5	37	39	45
Total Connected Load	kW	74.4	115	117	176
Average Power Consumption*	kW	44.64	69.00	70.20	105.60
Average Air Consumption	NL/min	1500	2800	2800	4500
Required Air Pressure (Min.)	bar	6 - 8	6 - 8	6 - 8	6 - 8
Hydraulic System Cooling*	kcal/hr	7500	23215	19088	23215
Cooling System Pressure	bar	2 - 3	2 - 3	2 - 3	2 - 3
Machine Dimension					
Machine Width*	mm	1580	3425	3300	5360
Machine Length*	mm	3080	5550	5650	5650
Machine Height*	mm	2450	4000	4400	4400
Machine Weight*	kg	5400	18000	18000	20000

Remark : * Estimated Values only

** S : Stationary Clamping Unit M : Movable Clamping Unit DMA : Double Movable Clamping Unit



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