

Single Head Blow Molding Machine

Model		CMS-00S		CMS-01S		CMS-02S		CMS-05S	
Material to be used		PE/PP	PVC	PE/PP	PVC	PE/PP	PVC	PE/PP	PVC
Screw diameter	MM Ø	40		45		55		65	
L/D ratio		1:22		1:24		1:24		1:22	
Screw speed rang (PE)/rpm	Rpm	15-85	10-60	15-85	20-50	20-80	20-50	20-80	20-50
Driving motor PE	Hp	5	7.5	VS 10	VS 15	VS 15	VS 20	VS 20	VS 25
Max. extrude capacity/ per hour	KGS	12	10	28	22	40	32	53	42
Heating zone (Barrel)	Points	2	2	2	2	3	3	3	3
Heating capacity (Barrel)	KW			2.7		3		5.6	
Die Head									
Heating zone (Die head)	Points	3		2		3		3	
Heating capacity (Die head)	KW	1.2		1.8		3		4	
Double mold center distance	MM								
Die nozzle outer dia.	MM Ø								
Mould Plate									
Max. opening stroke	MM	280		330		410		550	
Min. close stroke	MM	60		80		100		120	
Mold size (Max.) W×H	MM	200×180	200×180	250×310	250×310	300×380	300×380	330×410	330×410
Dry cycle per hr									
Hydraulic System									
Hydraulic pump motor	HP×P	5*6		7-1/2×6		10×6		15×6	
Hydraulic oil pressure	Kg/cm²	140		140		140		140	
Mold clamping force	Ton								
Oil tank capacity	Gallon	45		45		75		100	
Products									
Product weight (Max.)	G	60	60	100	80	170	130	280	230
Product dia. (Min./Max)	Mm Ø	15-100		20-100		30-140		50-200	
Product capacity (Min./Max.)	CC	20-300		250-1000		500-2500		1000-5000	
Total power consumption	KW	12	12	17.6	19.5	25	28.5	35.8	43.4
Weight of machine	Ton	2		3		4.5		5.5	
Packing size (L×W×H)	Inch	83"×83"×76"		102"×69"×89"		114"×89"×89"		122"×89"×89"	
Machine meas't	M³	8.5		11		15		16	
Optional Equipment									
Air compressor	HP	3		3		3		5	
Chiller	Ton	3		2.3		2.3		5	
Cooling tower	RT	5		5		5		8	
Auto loader		400		400		400		400	
Hopper Dryer	Kg	100		100		100		100	