

SG260M Main Specifications

Clamping unit	Clamping system		Double toggle						
	Clamp force	tf	260						
	Distance between tie-bars (H × V)	mm	560 × 560						
	Overall size of platen (H × V)	mm	840 × 840						
	Mold space	mm	230 ~ 580						
	Opening stroke	mm	210 ~ 510						
	Dry cycle time	sec	1.8						
	Ejector type		Hydraulic and cross multipoint ejection (13 points)						
	Ejector stroke	mm	0 ~ 150						
	Ejector force	tf	6.2						
Injection unit	Plasticizing unit		C900L			C1250L			
	Screw diameter	mm	45	50	56	50	56	63	
	Injection pressure	kgf/cm ²	2800	2270	1810	2800	2230	1760	
	Injection capacity	cm ³	329	406	510	448	562	711	
	Injection weight (GPPS)	g	313	386	484	425	533	675	
		oz	11.0	13.6	17.1	15.0	18.8	23.8	
	Plasticizing capacity (GPPS) (Screw rotation speed)	kg/h (r.p.m.)	109 (320)	154 (320)	187 (280)	125 (260)	172 (260)	239 (260)	
	Injection rate (S & H)	cm ³ /s	477	589	739	589	739	935	
	Screw stroke	mm	207			228			
	Max. injection speed (S & H)	mm/sec	300			300			
	Screw driving system		Hydraulic motor			Hydraulic motor			
	Screw torque	kgf·m	87/163			108/198			
	Torque selector		2			2			
	Screw rotation speed	(a)	r.p.m.	250/140			No freedom of selection		
		(b)		320/180			260/150		
	No. of temperature control zone		4			4			
	Heater capacity (for open nozzle only)	kW	17.6	19.8	22.4	19.8	22.4	27.9	
	Nozzle contact force	kgf	7310			7310			
	Injection unit displacement stroke	mm	400			460			
	Hopper capacity	ℓ	100			100			
Electric and hydraulic	Drive motor capacity	kW	a) 37			b) 45			
	Pressure in hydraulic circuit	kgf/cm ²	140						
	Oil reservoir capacity	ℓ	400						
Others	Machine dimensions (L × W × H)	mm	6637 × 1643 × 2270			7040 × 1643 × 2270			
	Machine weight	ton	10.3			10.6			

※ Specifications are subject to change without notice.