

ITEM		Unit	ISGS610W			
CLAMP	Clamping Force	tf	550			
		US Ton	606			
	Mold Opening Force	tf	30			
		US Ton	33			
	Tie Bar Distance (HxV)	mm	965 x 965			
		in	37.9 x 37.9			
	Platen Dimension (HxV)	mm	1400 x 1400			
		in	55.1 x 55.1			
	Clamp Stroke	mm	1200			
		in	47.2			
	Maximum Daylight	mm	1600			
		in	63.0			
	Mold Height (Min)	mm	400			
		in	15.7			
	Ejector Force	tf	14.7			
		US Ton	16.2			
Ejector Stroke	mm	160				
	in	6.3				
Injection Unit			i34		i59	
Barrel Code			AT	B	AT	B
Screw Diameter	mm	80	90	95	105	
	in	3.15	3.54	3.74	4.13	
Injection Capacity	cm ³	1880	2380	3150	3850	
	in ³	115	145	192	235	
Shot Volume	PS	g	1730	2190	2900	3540
		oz	61	77	102	125
	PE	g	1370	1740	2300	2810
		oz	48	61	81	99
Maximum Injeciton Pressure		MPa	182	144	185	151
		PSI	26400	20900	26800	21900
Injection Velocity	mm/s	126	126	88	88	
	in/s	5.0	5.0	3.5	3.5	
Injection Rate	cm ³ /s	635	800	625	765	
	in ³ /s	38.8	48.8	38.1	46.7	
Plasticizing Capacity	PS	g/sec	94	111	117	136
		oz/sec	3.3	3.9	4.1	4.8
Screw Speed	STD	rpm	170	150	140	127
	MID TORQUE	rpm	—	—	—	—
	HIGH TORQUE	rpm	149	114	74	74
Screw Torque	STD	N·m	2880	2880	4380	4380
		lbf·ft	2124	2124	3231	3231
	MID TORQUE	N·m	—	—	—	—
		lbf·ft	—	—	—	—
HIGH TORQUE	N·m	5770	5770	8770	8770	
	lbf·ft	4256	4256	6469	6469	
Nozzle Touch Force		kN	57			
		US Ton	6.4			
GENERAL	Required Oil Quantity		L	2000		
			Gal	528		
	Required Cooling Water @ 85F		L/min	50		
			GPM	13		
	Motor for Pump		kW	37 + 37		
	Heater Capacity		kW	29.5	44.0	
	Machine Dimensions L x W x H		m	8.3 x 2.5 x 2.3	9.0 x 2.5 x 2.3	
			ft	27.2 x 8.3 x 7.5	29.4 x 8.3 x 7.5	
Machine Weight		t	28.0	29.0		
		US Ton	30.9	32.0		

Note)

- 1 : Due to continuous improvements, specifications are subject to change without notice.
- 2 : Shot weight and Plasticizing capacity vary according to the materials and/or the molding conditions.
- 3 : Max. Injection Pressure and Max. Holding Pressure are power of injection unit, not resin pressure.
Max. Injection Pressure and Max. Holding Pressure are limited according to molding conditions.
- 4 : Min. mold dimensions are 26.2 in(H) x 26.2 in(V), 665 mm(H) x 665 mm(V).
In case of Max. Clamping Force, do not mount smaller mold than described above.