

ITEM		Unit	ISGT1150				
CLAMP	Clamping Force	tf	1050				
		US Ton	1157				
	Mold Opening Force	tf	65				
		US Ton	71				
	Tie Bar Distance (HxV)	mm	1245 x 1245				
		in	49.8 x 49.8				
	Platen Dimension (HxV)	mm	1735 x 1735				
		in	68.3 x 68.3				
	Clamp Stroke	mm	1750				
		in	68.9				
	Maximum Daylight	mm	2250				
		in	88.6				
	Mold Height (Min~Max)	mm	500 ~1100				
		in	19.7 ~ 43.3				
Ejector Force	tf	24.7					
	US Ton	27.2					
Ejector Stroke	mm	200					
	in	7.9					
Injection Unit			i81		i110		
Barrel Code			AT	B	AT	B	
Screw Diameter	mm	105	120	115	125		
	in	4.13	4.72	4.53	4.92		
Injection Capacity	cm ³	4320	5650	6560	7750		
	in ³	264	345	400	473		
Shot Volume	PS	g	3980	5200	6040	7140	
		oz	140	183	213	252	
	PE	g	3160	4120	4790	5660	
		oz	111	145	169	200	
Maximum Injeciton Pressure	MPa	183	140	173	146		
	PSI	26500	20300	25100	21200		
Injection Velocity	mm/s	117	117	103	103		
	in/s	4.6	4.6	4.1	4.1		
Injection Rate	cm ³ /s	1010	1320	1070	1260		
	in ³ /s	61.6	80.6	65.3	76.9		
Plasticizing Capacity	PS	g/sec	136	161	147	164	
		oz/sec	4.8	5.7	5.2	5.8	
Screw Speed	STD	rpm	127	110	110	101	
	MID TORQUE	rpm	—	—	—	—	
	HIGH TORQUE	rpm	119	91	91	57	
Screw Torque	STD	N·m	5770	5770	8650	8650	
		lbf·ft	4256	4256	6380	6380	
	MID TORQUE	N·m	—	—	—	—	
		lbf·ft	—	—	—	—	
HIGH TORQUE	N·m	11500	11500	17300	17300		
	lbf·ft	8482	8482	12760	12760		
Nozzle Touch Force	kN	90					
	US Ton	10.1					
GENERAL	Required Oil Quantity	L	1350				
		Gal	357				
	Required Cooling Water @ 85F	L/min	80				
		GPM	21				
	Motor for Pump	kW	37 + 37 + 37				
	Heater Capacity	kW	57.2		59.8		
	Machine Dimensions L x W x H	m	9.7 x 3.1 x 2.7		10.1 x 3.1 x 2.7		
		ft	31.7 x 10.0 x 8.8		33.1 x 10.0 x 8.8		
	Machine Weight	Clamp	t	38		38	
				9		12	
Total		US Ton	47		50		
			42		42		
Injection		10		14			
		52		56			

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 34.7 in(H) x 34.7 in(V), 880 mm(H) x 880 mm(V).
In case of Max. Clamping Force, do not mount smaller mold than described above.