

ITEM		Unit	EC950SXIII				
CLAMP	Clamping Force	tf	850				
		US Ton	937				
	Tie Bar Distance (HxV)	mm	1320 x 1320				
		in	51.9 x 51.9				
	Platen Dimension (HxV)	mm	1790 x 1790				
		in	70.4 x 70.4				
	Clamp Stroke	mm	1200				
		in	47.2				
	Maximum Daylight	mm	2300				
		in	90.6				
	Mold Height (Min~Max)	mm	500 ~ 1100				
		in	19.7 ~ 43.3				
	Ejector Force	tf	18.0				
		US Ton	19.8				
Ejector Stroke	mm	200					
	in	7.9					
INJECTION	Injection Unit		i61		i78		
	Barrel Code		AT	B	AT	B	
	Screw Diameter	mm	95	105	105	120	
		in	3.74	4.13	4.13	4.72	
	Injection Capacity	cm ³	3150	3850	4320	5650	
		in ³	192	235	264	345	
	Shot Volume	PS	g	2900	3540	3980	5200
			oz	102.3	124.9	140.4	183.4
		PE	g	2300	2810	3160	4120
			oz	81.1	99.1	111.5	145.3
	Maximum Injection Pressure	MPa	180	147	180	138	
		PSI	26100	21300	26100	20000	
	Maximum Holding Pressure	MPa	150	123	150	115	
		PSI	21800	17800	21800	16700	
	Injection Velocity	mm/s	150		150		
		in/s	5.9		5.9		
	Injection Rate	cm ³ /s	1063	1299	1299	1696	
		in ³ /s	64.9	79.3	79.3	103.5	
	Plasticizing Capacity (PS)	STD	g/sec	117	136	136	161
			oz/sec	4.11	4.80	4.80	5.68
		HIGH TORQUE	g/sec	80.6	103	75.0	103
			oz/sec	2.84	3.62	2.65	3.62
	Screw Speed	STD	rpm	140	127	127	110
		HIGH TORQUE	rpm	95	95	71	71
	Screw Torque	STD	N·m	5500	5500	7090	7090
			lbf·ft	4050	4050	5220	5220
		HIGH TORQUE	N·m	7090	7090	10300	10300
			lbf·ft	5220	5220	7590	7590
Nozzle Touch Force	kN	58.8		58.8			
	US Ton	6.6		6.6			
GENERAL	Main Breaker Capacity		300		350		
	Apparent Power		121		147		
	Heater Capacity		44.4		57.2		
	Machine Dimensions L x W x H	m	10.6 x 2.9 x 2.7		10.9 x 2.9 x 2.8		
		ft	34.8 x 9.5 x 8.9		35.8 x 9.5 x 9.2		
	Machine Weight	t	53.5		55.0		
		US Ton	59.0		60.6		

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 31.3in(H) x 31.3in(V), 795mm(H) x 795mm(V).
In case of Max. Clamping Force, do not mount smaller mold than described above.
- 5 : High screw torque may be necessary depending on the type of resin and running condition. Please consult us for more details.
- 6 : Values of Apparent power, Main Breaker Capacities and Heater Power differ when optional equipment is attached.
Please contact SHIBAURA MACHINE.