

ITEM		Unit	EC2750SXIII		
CLAMP	Clamping Force	tf	2500		
		US Ton	2750		
	Tie Bar Distance (HxV)	mm	2120 x 1820		
		in	83.4 x 71.6		
	Platen Dimension (HxV)	mm	3000 x 2350		
		in	118.1 x 92.5		
	Clamp Stroke	mm	1800		
		in	70.8		
	Maximum Daylight	mm	3500		
		in	137.7		
Mold Height (Min~Max)	mm	800 ~ 1700			
	in	31.5 ~ 66.9			
Ejector Force	tf	44.0			
	US Ton	48.5			
Ejector Stroke	mm	350			
	in	13.7			
INJECTION	Injection Unit		i215		
	Barrel Code		A	AM	
			STD	HIGH PLASTICIZATION	
	Screw Diameter		mm	140	
			in	5.51	
	Injection Capacity		cm ³	11840	
			in ³	722.5	
	Shot Volume	PS	g	10890	
			oz	384	
		PE	g	8640	
			oz	304	
	Maximum Injection Pressure		MPa	180	
			PSI	26100	
	Maximum Holding Pressure		MPa	150	
			PSI	21700	
	Injection Velocity		mm/s	130	
			in/s	5.1	
	Injection Rate		cm ³ /s	2000	
			in ³ /s	122	
	Plasticizing Capacity	PS	g/sec	192	—
oz/sec			6.76	—	
PP+TALC		g/sec	208	250	
		oz/sec	7.35	8.82	
Screw Speed		rpm	90	114	
Screw Torque		N·m	15900	12700	
		lbf·ft	11720	9360	
Nozzle Touch Force		kN	142		
		US Ton	15.9		
GENERAL	Main Breaker Capacity		A		
	Apparent Power		kVA		
	Heater Capacity		85	125	
	Machine Dimensions L x W x H		m	16.3 x 4.6 x 4.0	
			ft	53.5 x 15.1 x 13.2	
	Machine Weight		t	200	
US Ton			221		

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 59.1in(H) x 51.2in(V), 1500mm(H) x 1300mm(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.
- 7 : The high plasticization specification values are for when a special screw for olefin resins such as PP is installed.

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