

EC75SXIII MAJOR SPECIFICATIONS					
ITEM		UNIT	MODEL EC75SXIII		
INJECTION UNIT CODE			i2		
BARREL CODE			Y	A	B
SCREW DIAMETER		mm	28	32	36
INJECTION VOLUME CALCULATED		cm <sup>3</sup>	78	102	130
SHOT WEIGHT	PS	g	72	94	120
	PE		57	75	95
INJECTION PRESSURE		MPa	287	220	174
		kgf/cm <sup>2</sup>	2920	2240	1770
HOLDING PRESSURE		MPa	287	220	174
		kgf/cm <sup>2</sup>	2920	2240	1770
INJECTION SPEED	STD	mm/s	200		
INJECTION RATE (MAX)		cm <sup>3</sup> /s	123	161	204
INJECTION SPEED	Semi-High Speed	mm/s	300		
INJECTION RATE (MAX)		cm <sup>3</sup> /s	184	241	305
INJECTION SPEED	High Speed	mm/s	500		
INJECTION RATE (MAX)		cm <sup>3</sup> /s	308	402	509
PLASTICIZING CAPACITY	PS	kg/h	40	61	83
MAXIMUM SCREW SPEED		min <sup>-1</sup>	400	390	350
SCREW TORQUE		N-m	280	407	407
SCREW STROKE		mm	128		
NOZZLE TOUCH FORCE		kN(tf)	9.8(1.0)		
CLAMPING FORCE		kN(tf)	735 (75)		
DISTANCE BETWEEN TIE RODS (H × V)		mm	410 × 360		
PLATEN DIMENSIONS (H × V)		mm	580 × 530		
OPENING STROKE		mm	300		
OPEN DAYLIGHT (Max.)		mm	770 (★710) (★★750) (★★★760)		
CLOSED DAYLIGHT (MIN.~MAX.MOLD)		mm	150~470 (★90~410) (★★130~450) (★★★140~460)		
EJECTION FORCE		kN(tf)	20 (2.0)		
EJECTOR STROKE		mm	70		
HEATER POWER (STANDARD NOZZLE PROJECTION)	220V SPEC	kW	6.9		7.7
	200V SPEC		5.7		6.3
APPARENT POWER	STD	kVA	29.7		
	High Duty		20.4		
	High Speed		48.2		
MAIN BREAKER CAPACITY	STD	A	75		
	High Duty		75		
	High Speed		125		
SHORT-CIRCUIT CURRENT RATING	STD	kA	25/13		
	High Duty		25/13		
	High Speed		36/18		
POWER	STD	kW	19.8		
	High Duty		19.8		
	High Speed		32.8		
MACHINE DIMENSIONS (L × W × H)		m	4.1 × 1.3 × ■1.6		4.2 × 1.3 × ■1.6
MACHINE WEIGHT		t	3.3		

- Note) 1 : Due to continuous improvements, specifications are subject to change without notice.  
2 : Shot weight and Plasticizing capacity vary according to the material and/or the molding condition.  
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 235(H) × 210(V).  
In case of max. clamping force, do not mount smaller mold than described above.  
5 : High screw torque may be necessary depends on the type, class of resin and molding condition. Please consult us for more details.  
6 : Values marked with ★ vary with optional T-slotted mold platen.  
7 : Values marked with ★★ vary with optional insulating plates (10mm) are attached. Values marked with ★★★ vary with optional insulating plates (5mm) are attached.  
8 : Values of Apparent power and Main Breaker Capacities and Heater Power differ when optional equipments are attached. Please contact TOSHIBA MACHINE.  
9 : Values marked with ■ Machine height differs by optional Alarm Warning Indicator specification. Refer to the attached drawing of "General View" for details.  
10 : 1 MPa=10.2kgf/cm<sup>2</sup> , 1kN=0.102tf