

## EC130SXIII MAJOR SPECIFICATIONS

ITEM		UNIT	MODEL EC130SXIII		
INJECTION UNIT CODE			i4		
BARREL CODE			Y	A	B
SCREW DIAMETER		mm	36	40	45
INJECTION VOLUME CALCULATED		cm <sup>3</sup>	162	201	254
SHOT WEIGHT	PS	g	145	180	230
	PE		115	145	185
INJECTION PRESSURE		MPa	247	200	158
		kgf/cm <sup>2</sup>	2510	2040	1610
HOLDING PRESSURE		MPa	247	200	158
		kgf/cm <sup>2</sup>	2510	2040	1610
INJECTION SPEED	STD	mm/s	200		
INJECTION RATE (MAX)		cm <sup>3</sup> /s	204	251	318
INJECTION SPEED	Semi-High Speed	mm/s	300		
INJECTION RATE (MAX)		cm <sup>3</sup> /s	305	376	477
INJECTION SPEED	High Speed	mm/s	400		
INJECTION RATE (MAX)		cm <sup>3</sup> /s	407	502	636
PLASTICIZING CAPACITY	PS	kg/h	83	110	120
MAXIMUM SCREW SPEED		min <sup>-1</sup>	350	320	285
SCREW TORQUE		N-m	566	761	761
SCREW STROKE		mm	160		
NOZZLE TOUCH FORCE		kN(tf)	11.8(1.2)		
CLAMPING FORCE		kN(tf)	1270 (130)		
DISTANCE BETWEEN TIE RODS (H × V)		mm	510 × 460		
PLATEN DIMENSIONS (H × V)		mm	720 × 670		
OPENING STROKE		mm	400		
OPEN DAYLIGHT (Max.)		mm	950(*890) (**930) (***)940		
CLOSED DAYLIGHT (MIN.~MAX.MOLD)		mm	180~550(*120~490) (**160~530) (***)170~540		
EJECTION FORCE		kN(tf)	30 (3.0)		
EJECTOR STROKE		mm	90		
HEATER POWER (STANDARD NOZZLE PROJECTION)	220V SPEC	kW	11.2		12.0
	200V SPEC		9.3		9.9
APPARENT POWER	STD	kVA	42.5		
	High Duty		29.4		
	High Speed		55.7		
MAIN BREAKER CAPACITY	STD	A	100		
	High Duty		100		
	High Speed		125		
SHORT-CIRCUIT CURRENT RATING	STD	kA	25/13		
	High Duty		25/13		
	High Speed		36/18		
POWER	STD	kW	23.7		
	High Duty		23.7		
	High Speed		37.2		
MACHINE DIMENSIONS (L × W × H)		m	5.0 × 1.5 × <sup>■</sup> 1.7		5.1 × 1.5 × <sup>■</sup> 1.7
MACHINE WEIGHT		t	5.3		

- 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 295(H) × 270(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 <sup>■</sup> 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> 1 kN=0.102tf