

Major Specifications

ITEM		UNIT	EC30SXII					EC50SXII					EC75SXII					EC100SXII							
Injection Unit Code			i0.4		i1			i1			i1.5		i1.5		i2			i2			i3		i4		
Barrel Code			Y	A	YZ	Y	A	YZ	Y	A	Y	A	Y	A	Y	A	B	Y	A	B	Y	A	Y	A	B
Screw Diameter		mm	16	18	20	22	25	20	22	25	25	28	25	28	28	32	36	28	32	36	32	36	36	40	45
Shot Weight	PS	g	13	16	29	35	45	29	35	45	51	63	51	63	72	94	120	72	94	120	105	134	145	180	230
	PE	g	10	13	23	28	36	23	28	36	40	50	40	50	57	75	95	57	75	95	83	106	115	145	185
Injection Pressure (Max.)		MPa	278	220	270	270	220	270	270	220	276	220	276	220	287	220	174	287	220	174	253	200	247	200	158
Injection Speed	std.	mm/s	525		300			300			300			300											
	High duty (OP)	mm/s	200		200			200			200			200											
	High (OP)	mm/s	-		500			500			500			500			400								
Plasticizing Capacity (PS)		kg/h	8	12	14	22	28	14	22	28	25	35	25	35	40	61	83	40	61	83	61	83	83	110	120
Clamping Force		kN(tf)	294(30)					490(50)					735(75)					980(100)							
Distance Between Tie Rods (H×V)		mm	320×290					410×360					410×360					460×410							
Clamp Stroke		mm	230					300					300					350							
Open Daylight (Max.)		mm	560(**540)					670(*610)(**650)					770(*710)(**750)					900(*840)(**880)							
Machine Dimensions	L	m	2.9		3.2			3.8		3.9			4.0		4.1			4.6			4.6		4.9		
	W		1.0		1.0			1.2		1.2			1.2		1.2			1.3			1.3		1.3		
	H		1.6		1.6			1.6		1.6			1.6		1.6			1.7			1.7		1.7		

Note)

1. Due to continuous improvements, specifications are subject to change without notice.
2. Shot weight, Injection rate and plasticizing capacity are dependent upon molding conditions and resin used.
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. Values marked with *vary with optional T-slotted mold platen.
5. Values marked with **vary with optional insulating plates (10mm) are attached.
6. The figures of heater capacity are for 220V, those enclosed in () are for 200V.
7. 1MPa=10.2kgf/cm², 1kN=0.102tf
8. High speed injection is only available TMJ factory manufactured machine.

Major Specifications

ITEM		UNIT	EC130SXII					EC180SXII									EC230SXII								
Injection Unit Code			i3		i4			i3		i4			i6		i8			i4			i6		i8		
Barrel Code			Y	A	Y	A	B	Y	A	Y	A	B	Y	A	Y	A	B	Y	A	B	Y	A	Y	A	B
Screw Diameter		mm	32	36	36	40	45	32	36	36	40	45	40	45	45	50	55	36	40	45	40	45	45	50	55
Shot Weight	PS	g	105	134	145	180	230	105	134	145	180	230	208	263	292	361	437	145	180	230	208	263	292	361	437
	PE	g	83	106	112	145	185	83	106	115	145	185	165	209	232	286	346	115	145	185	165	209	232	286	346
Injection Pressure (Max.)		MPa	253	200	247	200	158	253	200	247	200	158	253	200	247	200	165	247	200	158	253	200	247	200	165
Injection Speed	std.	mm/s	300					300						250			300			250					
	High duty (OP)	mm/s	200					200						160			200			160					
	High (OP)	mm/s	400					400						350			400			350					
Plasticizing Capacity (PS)		kg/h	61	83	83	110	120	61	83	83	110	120	110	120	120	160	190	83	110	120	110	120	120	160	190
Clamping Force		kN(tf)	1270(130)					1760(180)						2250(230)											
Distance Between Tie Rods (H×V)		mm	510×460					560×510						610×560											
Clamp Stroke		mm	400					450						550											
Open Daylight (Max.)		mm	950(*890)(**930)					1050(*990)(**1030)						1230(*1170)(**1210)											
Machine Dimensions	L	m	4.9		5.1		5.2		5.7		5.7		5.9		6		6.2		6.2		6.3				
	W		1.4		1.4		1.4		1.5		1.5		1.5		1.5		1.6		1.6		1.6				
	H		1.8		1.8		1.8		1.9		1.9		1.9		1.9		2.0		2.0		2.0				

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