

Major Specifications

ITEM		UNIT	EC50SX								EC75SX				
Injection Unit Code			i1			i1.5		i2			i1.5		i2		
Barrel Code			Y	A	B	Y	A	Y	A	B	Y	A	Y	A	B
Screw Diameter		mm	22	25	28	25	28	28	32	36	25	28	28	32	36
Shot Weight	PS	g	35	45	57	51	63	72	94	120	51	63	72	94	120
	PE	g	28	36	45	40	50	57	75	95	40	50	57	75	95
Injection Pressure (Max.)		MPa	284	220	175	276	220	287	220	174	276	220	287	220	174
		kgf/cm ²	2890	2240	1780	2810	2240	2920	2240	1770	2810	2240	2920	2240	1770
Injection Speed	std.	mm/s	200								200				
	High(OP)	mm/s	500								500				
Plasticizing Capacity (PS)		kg/h	22	28	35	25	35	40	61	83	25	35	40	61	83
Clamping Force		kN(tf)	490(50)								735(75)				
Distance Between Tie Rods (H×V)		mm	410×360								410×360				
Clamp Stroke		mm	300								300				
Open Daylight (Max.)		mm	770(*710)(**750)								770(*710)(**750)				
Machine Dimensions	L	m	4.0			4.0		4.1			4.0		4.1		
	W		1.2			1.2		1.2			1.2		1.2		
	H		1.6			1.6		1.6			1.6		1.6		

Note)

1. Due to continuous improvements, specifications are subject to change without notice.
2. 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.
3. Values marked with *vary with optional T-slotted mold platen.
4. Values marked with **vary with optional insulating plates (10mm) are attached.
5. The figures of heater capacity are for 220V-60HZ, those enclosed in () are for 200V-50HZ.
6. 1MPa=10.2kgf/cm², 1kN=0.102tf

Major Specifications

ITEM		UNIT	EC100SX								EC130SX				
Injection Unit Code			i2			i3		i4			i3		i4		
Barrel Code			Y	A	B	Y	A	Y	A	B	Y	A	Y	A	B
Screw Diameter		mm	28	32	36	32	36	36	40	45	32	36	36	40	45
Shot Weight	PS	g	72	94	120	105	134	145	180	230	105	134	145	180	230
	PE	g	57	75	95	83	106	115	145	185	83	106	115	145	185
Injection Pressure (Max.)		MPa	287	220	174	253	200	247	200	158	253	200	247	200	158
		kgf/cm ²	2920	2240	1770	2580	2040	2510	2040	1610	2580	2040	2510	2040	1610
Injection Speed	std.	mm/s	200								200				
	High(OP)	mm/s	500			350					350				
Plasticizing Capacity (PS)		kg/h	40	61	83	61	83	83	110	120	61	83	83	110	120
Clamping Force		kN(tf)	980(100)								1270(130)				
Distance Between Tie Rods (H×V)		mm	460×410								510×460				
Clamp Stroke		mm	350								400				
Open Daylight (Max.)		mm	900(*840)(**880)								950(*890)(**930)				
Machine Dimensions	L	m	4.6			4.6		4.9			4.9		5.1		5.2
	W		1.3			1.3		1.3			1.4		1.4		1.4
	H		1.7			1.7		1.7			1.8		1.8		1.8

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Major Specifications

ITEM		UNIT	EC180SX								EC230SX							
Injection Unit Code			i4			i6		i8			i6		i8			i17		
Barrel Code			Y	A	B	Y	A	Y	A	B	Y	A	Y	A	B	Y	A	B
Screw Diameter		mm	36	40	45	40	45	45	50	55	40	45	45	50	55	50	60	70
Shot Weight	PS	g	145	180	230	208	263	292	361	437	208	263	292	361	437	542	780	1062
	PE	g	115	145	185	165	209	232	286	346	165	209	232	286	346	430	619	842
Injection Pressure (Max.)		MPa	247	200	158	253	200	247	200	165	253	200	247	200	165	288	200	147
		kgf/cm ²	2510	2040	1610	2580	2040	2510	2040	1680	2580	2040	2510	2040	1680	2930	2040	1490
Injection Speed	std.	mm/s	200			160					160							
	High(OP)	mm/s	350					300			350		300			300		
Plasticizing Capacity (PS)	std.	kg/h	83	110	120	110	120	120	160	190	110	120	120	160	190	160	230	270
	High Torque	kg/h	—	—	—	—	—	—	—	—	—	—	—	—	—	—	190	—
Clamping Force		kN(tf)	1760(180)								2250(230)							
Distance Between Tie Rods (H×V)		mm	560×510								610×560							
Clamp Stroke		mm	450								550							
Open Daylight (Max.)		mm	1050(*990)(**1030)								1230(*1170)(**1210)							
Machine Dimensions	L	m	5.7			5.9		6.0			6.2		6.3			6.8		
	W		1.5			1.5		1.5			1.6		1.6			1.8		
	H		1.9			1.9		1.9			2.0		2.0			2.2		

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Major Specifications

ITEM		UNIT	EC280SX						EC350SX					
Injection Unit Code			i8			i17			i8			i17		
Barrel Code			Y	A	B	Y	A	B	Y	A	B	Y	A	B
Screw Diameter		mm	45	50	55	50	60	70	45	50	55	50	60	70
Shot Weight	PS	g	292	361	437	542	780	1062	292	361	437	542	780	1062
	PE	g	232	286	346	430	619	842	232	286	346	430	619	842
Injection Pressure (Max.)		MPa	247	200	165	288	200	147	247	200	165	288	200	147
		kgf/cm ²	2510	2040	1680	2930	2040	1490	2510	2040	1680	2930	2040	1490
Injection Speed	std.	mm/s	160						160					
	High(OP)	mm/s	300						300					
Plasticizing Capacity (PS)	std.	kg/h	120	160	190	160	230	270	120	160	190	160	230	270
	High Torque	kg/h	—	—	—	—	190	—	—	—	—	—	190	—
Clamping Force		kN(tf)	2745(280)						3430(350)					
Distance Between Tie Rods (H×V)		mm	730×660						810×730					
Clamp Stroke		mm	600						650					
Open Daylight (Max.)		mm	1350(**1330)						1420(**1400)					
Machine Dimensions	L	m	6.7			7.0			7.0			7.3		
	W		2.0			2.0			2.1			2.1		
	H		2.1			2.1			2.2			2.2		

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