

Major Specifications

ITEM		UNIT	EC50SX				EC75SX						EC100SX								
Injection Unit Code			i1		i1.5		i1		i1.5		i2		i2			i3		i4			
Barrel Code			Y	A	Y	A	Y	A	Y	A	Y	A	B	Y	A	B	Y	A	Y	A	B
Screw Diameter		mm	22	25	25	28	22	25	25	28	28	32	36	28	32	36	32	36	36	40	45
Shot Weight	PS	g	35	45	51	63	35	45	51	63	72	94	120	72	94	120	105	134	145	180	230
	PE	g	28	36	40	50	28	36	40	50	57	75	95	57	75	95	83	106	115	145	185
Injection Pressure (Max.)		MPa	284	220	276	220	284	220	276	220	287	220	174	287	220	174	253	200	247	200	158
Injection Speed	std.	mm/s	200				200						200								
	High	mm/s	500				500						500			350					
Plasticizing Capacity (PS)		kg/h	22	28	25	35	22	28	25	35	40	61	83	40	61	83	61	83	83	110	120
Clamping Force		kN(tf)	490(50)				735(75)						980(100)								
Distance Between Tie Rods (H×V)		mm	410×360				410×360						460×410								
Clamp Stroke		mm	300				300						350								
Open Daylight (Max.)		mm	770(*710)(**750)				770(*710)(**750)						900(*840)(**880)								
Machine Dimensions	L	m	4.0		4.0		4.0		4.0		4.1		4.6			4.6		4.9			
	W		1.2		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		1.7			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

Major Specifications

ITEM		UNIT	EC130SX					EC180SX								
Injection Unit Code			i3		i4			i4			i6		i8			
Barrel Code			Y	A	Y	A	B	Y	A	B	Y	A	Y	A	B	
Screw Diameter		mm	32	36	36	40	45	36	40	45	40	45	45	50	55	
Shot Weight	PS	g	105	134	145	180	230	145	180	230	208	263	292	361	437	
	PE	g	83	106	115	145	185	115	145	185	165	209	232	286	346	
Injection Pressure (Max.)		MPa	253	200	247	200	158	247	200	158	253	200	247	200	165	
Injection Speed	std.	mm/s	200					200			160					
	High	mm/s	350					350					300			
Plasticizing Capacity (PS)		kg/h	61	83	83	110	120	83	110	120	110	120	120	160	190	
Clamping Force		kN(tf)	1270(130)					1760(180)								
Distance Between Tie Rods (H×V)		mm	510×460					560×510								
Clamp Stroke		mm	400					450								
Open Daylight (Max.)		mm	950(*890)(**930)					1050(*990)(**1030)								
Machine Dimensions	L	m	4.9		5.1		5.2		5.7			5.9		6.0		
	W		1.4		1.4		1.4		1.5			1.5		1.5		
	H		1.8		1.8		1.8		1.9			1.9		1.9		

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Major Specifications

ITEM		UNIT	EC230SX										EC280SX						EC350SX								
Injection Unit Code			i4			i6		i8			i17		i8			i17			i8			i17			i26		
Barrel Code			Y	A	B	Y	A	Y	A	B	Y	A	B	Y	A	B	Y	A	B	Y	A	B	Y	A	B	A	B
Screw Diameter		mm	36	40	45	40	45	45	50	55	50	60	70	45	50	55	50	60	70	45	50	55	50	60	70	70	80
Shot Weight	PS	g	145	180	230	208	263	292	361	437	542	780	1062	292	361	437	542	780	1062	292	361	437	542	780	1062	1230	1610
	PE	g	115	145	185	165	209	232	286	346	430	619	842	232	286	346	430	619	842	232	286	346	430	619	842	980	1280
Injection Pressure (Max.)		MPa	247	200	158	253	200	247	200	165	288	200	147	247	200	165	288	200	147	247	200	165	288	200	147	190	145
Injection Speed	std.	mm/s	200			160						160						160									
	High	mm/s	350				300						300						300			-					
Plasticizing Capacity (PS)	std.	kg/h	83	110	120	110	120	120	160	190	160	230	270	120	160	190	160	230	270	120	160	190	160	230	270	260	340
	High Torque	kg/h	-	-	-	-	-	-	-	-	-	-	190	-	-	-	-	190	-	-	-	-	-	190	-	170	230
Clamping Force		kN(tf)	2250(230)										2745(280)						3430(350)								
Distance Between Tie Rods (H×V)		mm	610×560										730×660						810×730								
Clamp Stroke		mm	550										600						650								
Open Daylight (Max.)		mm	1230(*1170)(**1210)										1350(**1330)						1420(**1400)								
Machine Dimensions	L	m	6.1			6.2		6.3			6.8		6.7			7.0			7.0			7.3			7.9		
	W		1.6			1.6		1.6			1.8		2.0			2.0			2.1			2.1			2.1		
	H		2.0			2.0		2.0			2.2		2.1			2.1			2.2			2.2			2.2		

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