

## Major Specifications

ITEM		UNIT	EC450SX						EC550SX						EC650SX						EC850SX																	
Injection Unit Code			i17			i26			i36			i17			i26			i36			i36			i61			i78			i61			i78			i120		
Barrel Code			Y	A	B	A	B	A	B	Y	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B						
Screw Diameter		mm	50	60	70	70	80	80	90	50	60	70	70	80	80	90	80	90	95	105	105	120	95	105	105	120	115	125										
Shot Weight	PS	g	542	780	1062	1230	1610	1730	2190	542	780	1062	1230	1610	1730	2190	1730	2190	2900	3540	3980	5200	2900	3540	3980	5200	6040	7130										
	PE	g	430	619	842	980	1280	1370	1740	430	619	842	980	1280	1370	1740	1370	1740	2300	2810	3160	4120	2300	2810	3160	4120	4790	5660										
Injection Pressure (Max.)		MPa	288	200	147	190	145	190	150	288	200	147	190	145	190	150	190	150	180	147	180	138	180	147	180	138	180	152										
Injection Speed (High speed)		mm/s	160(300)			160			140			160(300)			160			140			140			150			150			150			150			140		
Plasticizing Capacity (PS)	std.	kg/h	160	230	270	260	340	340	400	160	230	270	260	340	340	400	340	400	420	490	490	580	420	490	490	580	520	580										
	High Torque	kg/h	-	190	-	170	230	220	280	-	190	-	170	230	220	280	220	280	290	370	270	370	290	370	270	370	370	440										
Clamping Force		kN(tf)	4410(450)						5390(550)						6370(650)						8330(850)																	
Distance Between Tie Rods (H×V)		mm	870×810						960×900						1060×960						1320×1320																	
Clamp Stroke		mm	800						900						1000						1200																	
Open Daylight (Max.)		mm	1600(**1580)						1700(**1680)						2050(**2030)						2300(**2280)																	
Machine Dimensions	L	m	8.0			8.0			8.3		8.5		8.3		8.3		8.6		8.8		9.8		9.8		10.1		10.4		10.6		10.6		10.9		11.7			
	W		2.1			2.2			2.3		2.3		2.3		2.3		2.4		2.6		2.6		2.6		2.9		2.9		2.9									
	H		2.3			2.3			2.3		2.3		2.3		2.3		2.3		2.7		2.7		2.7		2.7		2.7		2.7		2.9							

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/cm<sup>2</sup>, 1kN=0.102tf

## Major Specifications

ITEM		UNIT	EC1000SX						EC1300SX						EC1300SXW					
Injection Unit Code			i61		i78		i120		i78		i120		i155		i78		i120		i155	
Barrel Code			A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Screw Diameter		mm	95	105	105	120	115	125	105	120	115	125	125	140	105	120	115	125	125	140
Shot Weight	PS	g	2900	3540	3980	5200	6040	7130	3980	5200	6040	7130	7750	9730	3980	5200	6040	7130	7750	9730
	PE	g	2300	2810	3160	4120	4790	5660	3160	4120	4790	5660	6150	7720	3160	4120	4790	5660	6150	7720
Injection Pressure (Max.)		MPa	180	147	180	138	180	152	180	138	180	152	180	143	180	138	180	152	180	143
Injection Speed		mm/s	150		150		140		150		140		120		150		140		120	
Plasticizing Capacity (PS)	std.	kg/h	420	490	490	580	520	580	490	580	520	580	590	690	490	580	520	580	590	690
	High Torque	kg/h	290	370	270	370	370	440	270	370	370	440	420	550	270	370	370	440	420	550
Clamping Force		kN(tf)	9800(1000)						12700(1300)						12700(1300)					
Distance Between Tie Rods (H×V)		mm	1300×1300						1400×1400						1700×1400					
Clamp Stroke		mm	1200						1500						1500					
Open Daylight (Max.)		mm	2300(**2280)						2800(**2780)						2800(**2780)					
Machine Dimensions	L	m	10.6	10.6	11.7	12.8	12.8	13.5	12.8	12.8	13.5	12.8	12.8	13.5	12.8	12.8	13.5	12.8	12.8	13.5
	W		2.9	2.9	2.9	3.2	3.2	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	H		2.7	2.8	2.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2

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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/cm<sup>2</sup>, 1kN=0.102tf

## Major Specifications

ITEM		UNIT	EC1600SXW				EC1800SX			
Injection Unit Code			i120		i155		i120		i155	
Barrel Code			A	B	A	B	A	B	A	B
Screw Diameter		mm	115	125	125	140	115	125	125	140
Shot Weight	PS	g	6040	7130	7750	9730	6040	7130	7750	9730
	PE	g	4790	5660	6150	7720	4790	5660	6150	7720
Injection Pressure (Max.)		MPa	180	152	180	143	180	152	180	143
Injection Speed		mm/s	140		135		140		135	
Plasticizing Capacity (PS)		kg/h	650	730	730	880	650	730	730	880
Clamping Force		kN(tf)	15700(1600)				17650(1800)			
Distance Between Tie Rods (H×V)		mm	1850×1660				1850×1660			
Clamp Stroke		mm	1700				1700			
Open Daylight (Max.)		mm	3200(**3180)				3200(**3180)			
Machine Dimensions	L	m	13.7		13.9		13.7		13.9	
	W		3.8		3.8		3.8		3.8	
	H		3.5		3.5		3.5		3.5	

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