

## Major Specifications

ITEM		UNIT	IS450GSW		IS550GSW	
Injection Unit Code			i27		i34	
Barrel Code			A	B	A	B
Screw Diameter		mm	70	80	80	90
Shot Weight	PS	g	1360	1780	1730	2190
Injection Pressure		MPa	178	136	182	144
Plasticizing Capacity (PS)		kg/h	261	340	340	400
Clamping Force		kN(tf)	4410(450)		5390(550)	
Distance Between Tie Rods (H × V)		mm	870 × 870		965 × 965	
Clamp Stroke		mm	1050		1200	
Open Daylight (Max.)		mm	1400		1600	
Motor for Pump		kW	55		37+37	
Machine Dimensions	L	m	7.3	7.6	7.9	8.2
	W		2.2	2.2	2.4	2.4
	H		2.2	2.2	2.2	2.2

Note)

1. Due to continuous improvements, specifications are subject to change without notice.
2. 1MPa=10.2kgf/cm<sup>2</sup>, 1kN=102kgf, 1N=0.102Kgf

## Major Specifications

ITEM		UNIT	IS650GTW		IS850GTW		IS1050GT	
Injection Unit Code			i59		i81		i81	
Barrel Code			A	B	A	B	A	B
Screw Diameter		mm	95	105	105	120	105	120
Shot Weight	PS	g	2900	3540	3980	5200	3980	5200
Injection Pressure		MPa	185	151	183	140	183	140
Plasticizing Capacity (PS)		kg/h	420	490	490	580	490	580
Clamping Force		kN(tf)	6370		8330		10190(1050)	
Distance Between Tie Rods (H × V)		mm	1080 × 1080		1265 × 1265		1245 × 1245	
Clamp Stroke		mm	1350		1750		1750	
Open Daylight (Max.)		mm	1800		2250		2250	
Motor for Pump		kW	45+45		55+55		55+55	
Machine Dimensions	L	m	7.9	8.0	8.9	9.2	9.0	
	W		2.7	2.7	2.9	2.9	2.9	
	H		2.3	2.3	2.4	2.4	2.5	

Note)

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2. 1MPa=10.2kgf/cm<sup>2</sup>, 1kN=102kgf, 1N=0.102Kgf

## Major Specifications

ITEM		UNIT	IS1300DG		IS1600DF		IS1600DFW		IS1800DF		IS2200DF	IS2500DF	IS3000DF		IS3500DF		
Injection Unit Code			i110		i150		i150		i150		i200	i200	i315		i315		
Barrel Code			A	B	A	B	A	B	A	B	A	A	A	B	A	B	
Screw Diameter		mm	115	125	125	140	125	140	125	140	140	140	160	180	160	180	
Shot Weight	PS	g	6040	7130	7750	9730	7750	9730	7750	9730	10890	10890	16260	20590	16260	20590	
Injection Pressure		MPa	167	141	171	137	171	137	171	137	170	170	173	137	173	137	
Plasticizing Capacity (PS)		kg/h	520	580	590	540	590	540	590	540	690	690	820	730	820	730	
Clamping Force		kN(tf)	12800(1300)		15700(1600)		15700(1600)		17600(1800)		21500(2200)	24500(2500)	29400(3000)		34300(3500)		
Distance Between Tie Rods (H × V)		mm	1325 × 1280		1520 × 1265		1800 × 1500		1785 × 1485		1800 × 1600	1800 × 1600	1900 × 1800		1900 × 1800		
Clamp Stroke		mm	max.1800 normal 1300		max.2400 normal 1700		max.2400 normal 1700		max.2400 normal 1700		max.2600 normal 1800	max.2600 normal 1800	max.2700 normal 1800		max.2700 normal 1800		
Open Daylight (Max.)		mm	2000~2500		2500~3200		2500~3200		2500~3200		2700~3500	2700~3500	2800~3700		2800~3700		
Motor for Pump		kW	45+45+45		45+45+45		45+45+45		45+45+45		45+45+45+37	45+45+45+37	55+55+55+37		55+55+55+37+37		
Machine Dimensions		L	m	10.1	10.2	11.7	12.0	11.7	12.0	11.7	12.0	13.5	13.5	14.5	15.0	15.4	15.9
		W		3.1	3.1	3.3	3.3	3.7	3.7	3.7	3.7	4	4	4.3	4.3	4.8	4.8
		H		2.7	2.7	2.9	2.9	3.2	3.2	3.2	3.2	3.6	3.6	3.9	3.9	4.1	4.1

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