		50EH								80EH												110EH											
Clamping system		Double toggle								Double toggle												Double toggle											
Clamping force	ton	50								80												110											
Clamping stroke	mm	260								300												350											
Platen size(HxV)	mm	470×470								540×540												615×615											
Distance between tie bars	mm	310×310								360×360												410×410											
Diameter of tie bars	mm	55								65												75											
Mould thickness	mm	150-320								180-380												200-450											
Max. daylight	mm	580								680												800											
Ejection stroke	mm	70								90												100											
Ejection force	ton	2.2								3.4												3.4											
Ejection system		Hydraulic(5 points)								Hydraulic(5 points)												Hydraulic(5 points)											
Injection unit										Injection unit												Injection unit											
		i05				i08				i05				i08				i11				i08				i11				i14			
Screw diameter	mm	20	22	25	28	25	28	32	36	20	22	25	28	25	28	32	36	28	32	36	40	25	28	32	36	28	32	36	40	32	36	40	46
Injection stroke	mm	100				128				100				128				144				128				144				160			
Injection speed	mm/sec	244				186				293				186				148				223				180				138			
Injection pressure	kg/cm²	3024	2499	1935	1543	3008	2398	1836	1450	3024	2499	1935	1543	3008	2398	1836	1450	3000	2297	1815	1470	3008	2398	1836	1450	3000	2297	1815	1470	2986	2359	1911	1445
Theoretical shot volume	cm³	31	38	49	61	63	79	103	130	31	38	49	61	63	79	103	130	89	116	146	181	63	79	103	130	89	116	146	181	129	163	201	266
Shot weight(Polystyrene,PS)	gr	28	35	45	56	57	72	94	118	28	35	45	56	57	72	94	118	81	105	133	165	57	72	94	118	81	105	133	165	117	148	183	242
Injection rate	cm³/sec	75 (91)	91 (110)	117 (143)	147 (1189)	76 (92)	95 (115)	124 (151)	157 (191)	91 (110)	110 (133)	143 (172)	179 (215)	92 (110)	115 (138)	151 (181)	191 (229)	92 (111)	120 (145)	152 (183)	188 (226)	110	138	181	229	111	145	183	226	111	141	174	230
Screw L/D ratio		20				20				20				20				20				20				20				20			
Plasticizing capacity(Polystyrene)	kg/hr	18 (22)	22 (27)	30 (37)	42 (52)	24 (30)	34 (42)	49 (60)	68 (83)	22 (24)	27 (29)	37 (40)	52 (55)	30 (36)	42 (50)	60 (71)	83 (99)	35 (42)	51 (61)	70 (84)	93 (112)	36	50	71	99	42	61	84	112	46	63	85	121
Screw speed	r.p.m	384(468)				310(377)				468(500)				377(450)				319(383)				450				383				289			
Nozzle contact force	ton	5.2				5.2				5.2				5.2				5.2				5.2				5.2				7.4			
Heater capacity	kw	2.8	3.1	3.6	4.3	3.4	4.3	5.5	6.6	2.8	3.1	3.6	4.3	3.4	4.3	5.5	6.6	3.9	5.2	6.3	7.9	3.4	4.3	5.5	6.6	3.9	5.2	6.3	7.9	5	6.1	7.7	10.4
		Others								Others												Others											
Screw driving system		Hydraulic motor								Hydraulic motor												Hydraulic motor											
No. of tempture control		Cylinder 3, Nozzle 1								Cylinder 3, Nozzle 1												Cylinder 3, Nozzle 1											
Pump motor	kw	11(15)								15(18.5)												18.5											
Oil tank capacity	l	173								237												293											
Machine weight	ton	2.45								3.1												3.83											
System pressure	kg/cm²	175								175												175											