

		140EH												180EH												250EH-DS											
Clamping system		Double toggle												Double toggle												Double toggle											
Clamping force	ton	140												180												250											
Clamping stroke	mm	400												440												530											
Platen size(H×V)	mm	690×690												760×760												866×866											
Distance between tie bars	mm	460×460												510×510												580×580											
Diameter of tie bars	mm	85												95												105											
Mould thickness	mm	220-500												220-550												250-600											
Max. daylight	mm	900												990												1130											
Ejection stroke	mm	125												135												150											
Ejection force	ton	4.9												4.9												7.7											
Ejection system		Hydraulic(9 points)												Hydraulic(9 points)												Hydraulic(13 points)											
		Injection unit												Injection unit												Injection unit											
		i11				i14				i18				i14				i18				i25				i18				i25				i32			
Screw diameter	mm	28	32	36	40	32	36	40	46	36	40	46	52	32	36	40	46	36	40	46	52	40	46	52	58	36	40	46	52	40	46	52	58	46	52	58	65
Injection stroke	mm	144				160				184				160				184				208				184				208				232			
Injection speed	mm/sec	251				193				152				235				185				148				209				166				126			
Injection pressure	kg/cm²	3000	2297	1815	1470	2986	2359	1911	1445	3007	2436	1842	1441	2986	2359	1911	1445	3007	2436	1842	1441	3369	2547	1993	1602	3007	2436	1842	1441	3369	2547	1993	1602	3043	2382	1914	1524
Theoretical shot volume	cm³	89	116	146	181	129	163	201	266	187	231	306	391	129	163	201	266	187	231	306	391	261	364	442	549	187	231	306	391	261	346	442	549	386	493	613	770
Shot weight(Polystyrene,PS)	gr	81	105	133	165	117	148	183	242	170	210	278	355	117	148	183	242	170	210	278	355	238	314	402	500	170	210	278	355	238	314	402	500	351	448	558	700
Injection rate	cm³/sec	155 (189)	202 (247)	256 (313)	316 (387)	156 (190)	197 (241)	243 (298)	322 (394)	155 (189)	191 (233)	252 (309)	323 (394)	190 (215)	241 (272)	298 (336)	394 (444)	189 (213)	233 (263)	309 (348)	394 (445)	169 (190)	223 (252)	285 (322)	355 (400)	213	263	348	445	190	252	322	400	211	269	335	421
Screw L/D ratio		20				20				20				20				20				23.1	20	20	17.5	20				23.1	20	20	17.5	22.9	20	20	17.7
Plasticizing capacity(Polysty)	kg/hr	50	71	99	132	63	88	117	167	58 (68)	78 (91)	111 (129)	152 (177)	63	88	117	167	68	91	129	177	79	92	126	177	68	91	129	177	79	92	126	177	100	126	177	223
Screw speed	r.p.m	450				400				267(310)				400				310				220				310				220				220			
Nozzle contact force	ton	5.2				7.4				7.4				7.4				7.4				7.4				7.4				7.4				15.4			
Heater capacity	kw	3.9	5.2	6.3	7.9	5	6.1	7.7	10.4	6.1	7.5	10.5	12.1	5	6.1	7.7	10.4	6.1	7.5	10.5	12.1	10.3	10.1	13.4	15.1	6.1	7.5	10.5	12.1	10.3	10.1	13.4	15.1	12.8	16.8	17	18
		Others												Others												Others											
Screw driving system		Hydraulic motor												Hydraulic motor												Hydraulic motor											
No. of tempture control		Cylinder 3, Nozzle 1												Cylinder 4, Nozzle 1												Cylinder 4, Nozzle 1											
Pump motor	kw	22(30)												30(37)												37											
Oil tank capacity	l	337												400												417											
Machine weight	ton	5.31												6.66												8.7											
System pressure	kg/cm²	175												175												175											