

		50EH-DS								80EH-DS								110EH-DS															
Clamping system		Double toggle								Double toggle								Double toggle															
Clamping force	ton	50								80								110															
Clamping stroke	mm	260								300								350															
Platen size(HxV)	mm	470x470								540x540								615x615															
Distance between tie bars	mm	310x310								360x360								410x410															
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				156				293				186				150				256				180				157			
Injection pressure	kg/cm ²	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	cm ³	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	cm ³ /sec	77	93	120	151	77	97	127	161	91	112	144	180	93	117	153	193	94	122	153	190	126	158	207	261	126	165	209	258	127	161	198	262
Screw L/D ratio		20				20				20				20				20				20				20							
Plasticizing capacity(Polystyrene)	kg/hr	18	22	30	42	24	34	49	68	22	27	37	52	30	42	60	83	35	51	70	93	36	50	71	99	42	61	84	112	46	63	85	121
Screw speed	r.p.m	384				310				468				377				319				450				383				289			
Nozzle contact force	ton	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	10								16								16															
Oil tank capacity	l	173								237								293															
Machine weight	ton	2.45								3.1								3.83															
System pressure	kg/cm ²	175								175								175															