		320EHⅢ-DS/EHⅢ												420EHⅢ-DS/EHⅢ												550EHⅢ-DS/EHⅢ							
Clamping system		Double toggle												Double toggle												Double toggle							
Clamping force	ton	320												420												550							
Clamping stroke	mm	600												700												800							
Platen size(H×V)	mm	980×980												1130×1130												1290×1290							
Distance between tie bars	mm	660×660												760×760												860×860							
Diameter of tie bars	mm	115												135												155							
Mould thickness	mm	300-650												350-750												400-850							
Max. daylight	mm	1250												1450												1650							
Ejection stroke	mm	150												200												200							
Ejection force	ton	7.7												13.7												13.7							
Ejection system		Hydraulic(13 points)												Hydraulic(17 points)												Hydraulic(17 points)							
		Injection unit												Injection unit												Injection unit							
		i25				i32				i42				i32				i42				i55				i42				i55			
Screw diameter	mm	40	46	52	58	46	52	58	65	52	58	65	75	46	52	58	65	52	58	65	75	58	65	75	85	52	58	65	75	58	65	75	85
Injection stroke	mm	208				232				260				232				260				300				260				300			
Injection speed	mm/sec	300				260				260				260				260				250				260				250			
Injection pressure	kg/cm²	3005	2272	1778	1429	3043	2382	1914	1524	3029	2435	1938	1456	3043	2382	1914	1524	3029	2435	1938	1456	3017	2402	1804	1405	3029	2435	1938	1456	3017	2402	1804	1405
Theoretical shot volume	cm³	261	346	442	549	386	493	613	770	552	687	863	1149	386	493	613	770	552	687	863	1149	793	995	1325	1702	552	687	862	1149	792	995	1325	1702
Shot weight(Polystyrene,PS)	gr	238	314	402	500	351	448	558	700	503	625	785	1045	351	448	558	700	503	625	785	1045	721	906	1206	1549	503	625	785	1045	721	906	1206	1549
Injection rate	cm³/sec	373	494	632	784	433	553	687	863	552	687	863	1149	433	553	687	863	552	687	863	1149	661	830	1105	1419	552	687	863	1149	661	830	1105	1419
Screw L/D ratio		23.1	20	20	17.5	22.9	20	20	17.7	22.8	20	20	17.7	22.9	20	20	17.7	22.8	20	20	17.7	22.5	20	20	17.7	22.8	20	20	17.7	22.5	20	20	17.7
Plasticizing capacity(Polystyrene)	kg/hr	79	113	154	217	100	137	193	243	109	154	193	272	100	137	193	243	139	196	247	348	136	171	241	327	139	196	247	348	161	202	285	387
Screw speed	r.p.m	270				240				191				240				244				169				244				200			
Nozzle contact force	ton	7.4				15.4				15.4				15.4				15.4				15.4				15.4				15.4			
Heater capacity	kw	10.3	10.1	13.4	15.1	12.8	16.8	17	18	15	16.8	20.4	22.7	12.8	13.7	17	18	15	16.8	20.4	22.7	17.4	20.2	26.6	29.4	15	16.8	20.4	22.7	17.4	20.2	26.6	29.4
		Others												Others												Others							
Screw driving system		Hydraulic motor												Hydraulic motor												Hydraulic motor							
No. of tempture control		Cylinder 4, Nozzle 1												Cylinder 4, Nozzle 1												Cylinder 4, Nozzle 1							
Pump motor	kw	33+11(37)												33+11(45)												25+25+11(55)							
Oil tank capacity	l	512												710												920							
Machine weight	ton	12.7												17.7												24.75							
System pressure	kg/cm²	175												175												175							