

		320EH-DS												420EH-DS												550EH-DS											
Clamping system		Double toggle												Double toggle												Double toggle											
Clamping force	ton	320												420												550											
Clamping stroke	mm	600												700												800											
Platen size(HxV)	mm	980x980												1130x1130												1290x1290											
Distance between tie bars	mm	660x660												760x760												860x860											
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	171				143				135				172				135				109				181				146							
Injection pressure	kg/cm ²	3369	2547	1993	1602	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	cm ³	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	cm ³ /sec	216	286	366	455	239	306	381	478	241	299	376	501	287	367	457	574	289	359	451	601	290	364	485	623	385	479	602	801	387	485	647	830				
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				205				244				210							
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	16.8	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												37												25+25(two motors)											
Oil tank capacity	l	512												710												920											
Machine weight	ton	12.5												17.5												24.5											
System pressure	kg/cm ²	175												175												175											