

Item	Unit	Specifications						
		FE60S			FE120S			
Clamping Unit								
Clamp Type		Five-point Toggle Clamp			Five-point Toggle Clamp			
Max.Clamping Force	kN(t)	588(60)			1176(120)			
Space Between Tie Bars	W[mm]×H[mm]	360×320			510×460			
Platen Size	W[mm]×H[mm]	500×470			720×670			
Max.Opening Stroke	mm	250			375			
Mold Thickness	max[mm]×min[mm]	365-150			460—150			
Locating Ring Diameter	mm	100			100			
Type of Ejector Drive		Electric (Five-point)			Electric (Five-point)			
Ejector Force	kN	20			32			
Ejector Stroke	mm	65			100			
Injection Unit								
Plasticizing Device Mode		HPV20			HPV32			
Screw Diameter	mm	20 (ultra high pressure)	25	28	25 (ultra high pressure)	28	32	36
Max. Injection Pressure	MPa	354	274	250	362	289	275	218
Max. Holding Pressure	MPa	283	219	200	290	231	220	174
Shot Volume	cm ³	23.6	46.6	58.5	49	77	113	143
Shot Weight	g	22.4	44.3	55.6	47	74	108	137
Plasticizing Capacity	kg/h	13	26	37	26	37	53	76
Injection Rate	cm ³ /s	94.2	172	184.6	147.2	184.6	241.2	305.2
Screw Stroke	mm	75	95	95	100	125	140	140
Max. Injection Speed	mm/s	300	300	300	300	300	300	300
Max. Screw Speed	rpm	400	400	400	400	400	400	400
Number of Temperature Control Stage		5	5	5	5	5	5	5
Heating Power	kW	3.9			6.1	6.6	7.6	8.5
Nozzle Contact Force	kN	20	15	15	43	43	43	43
Nozzle Protrusion	mm	50	50	50	45	45	45	45
Carriage Stroke	mm	275	275	275	335	335	335	335
Hopper Capacity	L	50	50	50	30	30	30	30
Dimensions & Weight								
Machine Dimensions & Weight	(L×W×H)mm/t	4000×1150×1700 / 2.8			5000×1330×2100 / 5.6			

Item	Unit	Specifications							
		FE180S				FE260S			
Clamping Unit									
Clamp Type		Five-point Toggle Clamp				Five-point Toggle Clamp			
Max.Clamping Force	kN(t)	1764(180)				2548 (260)			
Space Between Tie Bars	W[mm]×H[mm]	560×560				660×610			
Platen Size	W[mm]×H[mm]	800×795				1000×966			
Max.Opening Stroke	mm	450				600			
Mold Thickness	max[mm]×min[mm]	600-200				750-250			
Locating Ring Diameter	mm	120				120			
Type of Ejector Drive		Electric (Five-point)				Electric (Five-point)			
Ejector Force	kN	45				58			
Ejector Stroke	mm	120				150			
Injection Unit									
Plasticizing Device Model		HPV36				HPV40			
Screw Diameter	mm	28 (ultra high pressure)	32	36	40	36 (ultra high pressure)	40	45	50
Max. Injection Pressure	MPa	343	327	259	209	345	280	221	179
Max. Holding Pressure	MPa	274	262	208	168	276	224	177	143
Shot Volume	cm³	70	129	163	201	163	251	318	471
Shot Weight	g	67	124	156	193	157	241	305	452
Plasticizing Capacity	kg/h	26	53	76	101	76	101	136	185
Injection Rate	cm³/s	184.6	241.2	305.2	376.8	305	376	476	589
Screw Stroke	mm	114	160	160	160	160	200	200	240
Max. Injection Speed	mm/s	300	300	300	300	300	300	300	300
Max. Screw Speed	rpm	400	400	400	400	400	400	400	400
Number of Temperature Control Stage		5	5	5	5	6	6	6	6
Heating Power	kW	6.9	7.8	8.4	10.3	15			
Nozzle Contact Force	kN	43	43	43	43	45	45	45	45
Nozzle Protrusion	mm	50	50	50	50	50	50	50	50
Carriage Stroke	mm	380	380	380	380	430	430	430	430
Hopper Capacity	L	50	50	50	50	50	50	50	50
Dimensions & Weight									
Machine Dimensions & Weight	(L×W×H)mm/t	5121×1365×2020 / 6.6				7000×1850×2400 / 12			