

FORZA

FORZA INJECTION MOLOING MACHINE SPECIFICATION

ITEM	UNIT	PT1000	PT1300	PT1600	PT2000	PT2500	PT3000											
INJECTION UNIT																		
INJECTION SYSTEM		8800	119000	8800	11900	16300	11900	16300	20800	11900	16300	20800	16300	20800	33700	20800	33700	44300
Shot Weight(ps)	g	4538	6172	4538	6172	8788	6172	8788	12055	6172	8788	12055	8788	12055	19142	12055	19142	32860
	oz	160	218	160	218	310	218	310	425	218	310	425	310	425	675	425	675	1159
Screw Diameter	mm	110	120	110	120	135	120	135	150	120	135	150	135	150	175	150	175	200
Shot Volume	cc	4987	6782	4987	6782	9657	6782	9657	13247	6782	9657	13247	9657	13247	21036	13247	21036	36110
Injection Pressure	Mpa	177	175	177	175	169	175	169	158	175	169	158	169	158	161	158	161	123
Injection Rate	cc/s	826	1252	826	1252	1297	1252	1297	1859	1139	1297	1859	1297	1859	1824	1859	1824	2383
Injection Stroke	MPa	525	600	525	600	675	600	675	750	600	675	750	675	750	875	750	875	1150
Screw Speed	rpm	121	156	121	156	126	156	126	124	156	126	124	126	124	89	124	89	76
Plasticizing Capacity	kg/h	690	800	690	800	984	800	984	1280	800	984	1280	984	1280	1806	1280	1806	2191
Nozzle Stroke	mm	820		820		820		900		900		930		930		1030		
Hopper Capacity	L	350	350	350	350	400	350	400	400	350	400	400	400	400	400	400	400	400
CLAMPING UNIT																		
Locking Force	kN	10000		13000		16000		20000		25000		30000		30000		30000		
Mold Height (Min-Max)	mm	530-1100		700-1200		800-1500		800-1500		900-1700		1000-1900		1000-1900		1000-1900		
Max. Daylight	mm	2280		2500		3200		3200		3600		3700		3700		3700		
Opening Stroke	mm	1750		1800		2400		2400		2700		2700		2700		2700		
Space Between Tie Bar	mm	1300X1200		1420X1420		1520X1520		1800X1600		1800X1600		2000X1800		2000X1800		2000X1800		
Platen Size (HxV)	mm	1800X1700		2000X1990		2200X2190		2450X2250		2450X2250		2550X2450		2550X2450		2550X2450		
Ejector Stroke	mm	300		300		300		350		350		350		350		350		
Ejector Force	kN	377		377		377		726		726		726		726		726		
GENERAL																		
Pump Motor	kW	121	176	121	176	176	176	176	231	176	176	231	176	231	231	231	231	231
Working Pressure	MPa	17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		
Tank Capacity	L	1800		1800		1800		2500		2500		2500		2500		2500		
Heating Capacity	kW	53	53	53	53	68	53	68	110	53	68	110	68	110	123	110	123	123
Heating Zones		6+N		6+N		6+N		7+N		6+N		7+N		6+N		7+N		