

# SPECIFICATIONS

Item	Unit	PT80			PT130			PT160			PT200			PT250		
		Optional	Standard	Optional	Optional	Standard	Optional	Optional	Standard	Optional	Optional	Standard	Optional	Optional	Standard	Optional
<b>Injection Unit</b>																
Injection Weight(PS)	g	103	140	183	175	228	289	236	299	369	318	393	475	468	566	673
	oz	3.6	4.9	6.5	6.2	8.1	10.2	8.3	10.6	13	11.2	13.9	16.8	16.5	20	23.8
Screw Diameter	mm	30	35	40	35	40	45	40	45	50	45	50	55	50	55	60
Injection Volume	cc	113	154	201	192	251	318	260	329	406	350	432	522	514	622	740
Injection Pressure	MPa	236	174	133	228	174	138	228	180	146	230	186	154	219	181	152
Injection Rate	cc/s	79	107	141	103	134	169	128	162	200	163	201	243	214	258	307
Screw L/D Ratio		23	20	18	25	22	20	25	22	20	25	22	20	22	20	18
Screw Stroke	mm	160			200			207			220			262		
Screw Speed	rpm	252			235			221			215			198		
Plasticizing Capacity (PS)	kg/h	38	50	63	47	60	81	63	83	104	91	115	141	112	138	163
Nozzle Stroke	mm	230			280			300			320			360		
Hopper Capacity	L	45			50			50			60			60		
<b>Clamping Unit</b>																
Clamping Force	kN	800			1300			1600			2000			2500		
Mold Thickness (min.-max.)	mm	150-350			175-400			200-450			200-520			200-550		
Max. Daylight Between Platen	mm	630			750			850			980			1060		
Opening Stroke	mm	280			350			400			460			510		
Space Between Tie Bars (HxV)	mm	357X357			409X409			459X459			510X510			570X570		
Platen Size (HxV)	mm	530X533			614X614			672X672			746X746			860X860		
Ejector Stroke	mm	85			100			100			120			120		
Ejector Force	kN	34			42			42			67			77		
<b>Others</b>																
Pump Motor Power	kW	14.1			16			17.3			22			31		
System Pressure	Mpa	17.5			17.5			17.5			17.5			17.5		
oil Tank Capacity	L	150			180			260			280			330		
Heating Capacity	kW	5.13			7.53			8.23			11.54			12.84		
Temp. Control Zones		3+N			3+N			3+N			3+N			4+N		
Machine Dimension (LxWxH)	mm	3815x1022x1715			4522x1110x1846			4824x1170x1846			5405x1218x1973			5844x1344x2048		
Approx. Lifting Weight	kg	2700			3800			4300			5500			7500		

Remarks: Plasticizing capacity = Theoretical plasticizing capacity x 0.80  
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PT320				PT400				PT480				PT560				PT650				PT850				PT1000							
Optional	Standard	Optional	Optional	Optional	Standard	Optional	Optional	Optional	Standard	Optional	Optional	Optional	Standard	Optional	Optional	Optional	Standard	Optional	Optional	Optional	Standard	Optional	Optional	Optional	Standard	Optional	Optional	Optional	Standard	Optional	Optional
849	996	1155	1326	1086	1260	1447	1646	1436	1648	1874	2372	1708	2194	2459	3036	2057	2604	3214	3889	2748	3393	4106	4886	3929	4754	5657	6639				
30	35	41	47	38	44	51	58	51	58	66	84	60	78	87	107	73	92	114	137	97	120	145	173	139	168	200	234				
60	65	70	75	65	70	75	80	70	75	80	90	75	85	90	100	80	90	100	110	90	100	110	120	100	110	120	130				
932	1094	1269	1457	1194	1385	1590	1809	1576	1810	2059	2607	1877	2410	2702	3336	2261	2861	3532	4274	3020	3729	4512	5369	4317	5224	6217	7296				
217	185	159	139	213	184	160	141	212	185	162	128	209	163	145	118	225	178	114	119	218	176	146	122	214	177	149	127				
336	394	457	525	342	397	456	518	396	454	517	654	527	677	759	938	531	672	830	1004	670	827	1001	1191	899	1087	1294	1519				
22	20	19	18	22	20	19	18	22	20	19	17	22	20	19	17	23	21	19	18	23	21	19	18	23	21	19	18				
330				360				410				425				450				475				550							
203				177				175				155				153				140				137							
165	184	209	250	170	195	220	245	203	245	268	333	218	274	311	380	265	337	414	488	333	410	486	567	428	514	595	686				
630				660				740				760				885				950				1100							
100				100				100				120				120				150				210							
3200				4000				4800				5600				6500				8500				10000							
220-680				250-750				300-820				350-850				350-920				400-1100				450-1210							
1320				1450				1620				1700				1820				2205				2410							
640				700				800				850				900				1105				1200							
664x660				725 x720				820 x820				861x860				911x911				1080 x1020				1121x1121							
964x960				1035x1030				1150x1150				1180x1180				1260x1260				1540 x1480				1641x1641							
180				180				200				240				270				300				300							
110				110				110				166				215				270				270							
49				49				22+33				22+49				33+49				49x2				49x2+33							
17.5				17.5				17.5				17.5				17.5				17.5				17.5							
360				400				680				900				900				1100				1500							
19.83				23.14				24.7				31.3				33.27				39.75				49.75							
4+N				4+N				5+N				5+N				5+N				5+N				6+N							
6570x1717x2137				7257x1905x2140				7933x1940x2171				8920x2200x2200				9388x2363x2236				10741x2494x2382				11858x2570x2683							
10500				12500				15000				22000				25000				33000				41000							

Please contact us if you got any special requirements for injection molding products with the engineering material: PVC, PC, ABS (fireproof), PMMA, POM or others. We reserve the right to make any technical improvements without further notice.