

Injection Molding Machine Tonnage Conversion Table (Units: mm & grams)

Tonnage (Metric)	Screw Diameter (mm) / Capacity (gram)			
	A	B	C	D
60	24 / 50	28 / 68	-	-
90	32 / 110	36 / 139	40 / 171	-
120	36 / 157	40 / 195	45 / 246	-
160	40 / 230	45 / 291	50 / 359	-
200	45 / 304	50 / 304	55 / 454	-
250	50 / 429	55 / 519	60 / 618	-
280	55 / 562	60 / 669	65 / 785	-
320	60 / 721	65 / 845	70 / 981	-
380	65 / 972	70 / 1127	75 / 1295	80 / 1473
470	70 / 1296	80 / 1693	84 / 1866	90 / 2142
530	80 / 2013	85 / 2272	90 / 2547	100 / 3145
600	80 / 2013	85 / 2272	90 / 2547	100 / 3145
700	80 / 2058	90 / 2605	100 / 3216	110 / 3891
800	90 / 2721	100 / 3359	110 / 4065	120 / 4838
900	90 / 2721	100 / 3359	110 / 4065	120 / 4838
1000	100 / 3645	110 / 4411	120 / 5249	130 / 6160

Injection Molding Machine Tonnage Conversion Table (Units: inches & ounces)

Tonnage (Metric)	Screw Diameter (inch) / Capacity (ounce)			
	A	B	C	D
60	0.94 / 1.76	1.1 / 2.4	-	-
90	1.26 / 3.88	1.42 / 4.9	1.57 / 6.03	-
120	1.42 / 5.54	1.57 / 6.88	1.77 / 8.68	-
160	1.57 / 8.11	1.77 / 10.26	1.97 / 12.66	-
200	1.77 / 10.72	1.97 / 10.72	2.17 / 16.01	-
250	1.97 / 15.13	2.17 / 18.31	2.36 / 21.8	-
280	2.17 / 19.82	2.36 / 23.6	2.56 / 27.69	-
320	2.36 / 25.43	2.56 / 29.81	2.76 / 34.6	-
380	2.56 / 34.29	2.76 / 39.75	2.95 / 45.68	3.15 / 51.96
470	2.76 / 45.72	3.15 / 59.72	3.31 / 65.82	3.54 / 75.56
530	3.15 / 71.01	3.35 / 80.14	3.54 / 89.84	3.94 / 110.94
600	3.15 / 71.01	3.35 / 80.14	3.54 / 89.84	3.94 / 110.94
700	3.15 / 72.59	3.54 / 91.89	3.94 / 113.44	4.33 / 137.25
800	3.54 / 95.98	3.94 / 118.49	4.33 / 143.39	4.72 / 170.66
900	3.54 / 95.98	3.94 / 118.49	4.33 / 143.39	4.72 / 170.66
1000	3.94 / 128.57	4.33 / 155.59	4.72 / 185.15	5.12 / 217.29