



# Toggle Free series (TF) High Pressure Die Casting Machines Technical Specifications From 800t to 6100t



**Toggle Free series**  
**TF 800-TF 6100**

MACHINE MODEL	MAX DIE CLOSING FORCE (kN)	PLATENS DIMENSIONS	DISTANCE BETWEEN THE TIE-BARS	MIN-MAX DIE HEIGHT	CENTRAL EJECTION FORCE - forward and backward	CENTRAL EJECTION STROKE	INJECTION FORCE WITH 0/25 BAR BACKPRESSURE	INJECTION PLUNGER STROKE	INJECTION PLUNGER DIAMETERS	SHOT-SLEEVE POSITIONS	MAX SHOT WEIGHT FOR ALUMINIUM ALLOYS (in accordance with DIN 24480)	OVERALL DIMENSIONS (length x width x height)
	kN	mm	mm	mm	kN	mm	kN	mm	mm	mm	kg	mm
<b>TF 800 SC3.0</b>	7848	1400	815	490 - 940	395	180	761/699	575	70 / 120	0-170-300	10,8	8295 x 3250 x 3005
<b>TF 1000 SC3.0</b>	9810	1520	950	550 - 1000	486	200	1015/892	740	90 / 140	0-200-400	19,0	9090 x 3460 x 3540
<b>TF 1350 SC3.0</b>	13243	1785	1050	600 - 1040	574	240	1150/1011	740	90 / 150	0-250-500	21,8	9225 x 4060 x 3750
<b>TF 1650 SC3.0</b>	16186	1960	1150	700 - 1150	574	255	1294/1137	800	90 / 150	0-250-500	23,6	9667 x 4320 x 4300
<b>TF 1850 SC3.0</b>	18148	2200	1300	800 - 1210	574	280	1470/1298	900	100 / 150	0-250-500	26,5	11120 x 4780 x 4690
<b>TF 2150 SC3.0</b>	21090	2230	1350	900 - 1400	716	300	1704/1505	1000	110 / 170	0-300-600	37,8	11775 x 4930 x 4685
<b>TF 2500 SC3.0</b>	24525	2535	1550	900 - 1500	716	300	1704/1505	1000	110 / 180	0-300-600	42,4	12140 x 5000 x 4947
<b>TF 2700 SC3.0</b>	26487	2535	1550	900 - 1800	716	300	2135/1885	1250	110 / 180	0-300-600	59,1	13611 x 5220 x 4910
<b>TF 3060 SC3.0</b>	30019	2880	1700	1100 - 1650	996	325	2135/1885	1250	120 / 190	0-300-600	59,1	14230 x 5400 x 5220
<b>TF 3500 SC3.0</b>	34335	3060	1780	1200 - 1800	996	350	2818/2489	1250	120 / 200	0-300-600	65,4	14780 x 5600 x 5830
<b>TF 4400 SC3.0</b>	43164	3200	1850	1300 - 2000	996	400	2818/2489	1500	120 / 200	0-300-600	78,5	16960 x 6000 x 5930
<b>TF 6100 SC3.0</b>	59841	3500	2000	1400 - 2400	1196	400	3320/3040	1600	130 / 240	0-300-600	110,0	17700 x 6500 x 6300

All data are subject to technical alterations

