



# ItalPresseGauss High Pressure Die Casting Machines Technical Specifications



## Toggle Free Die Casting Machines

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	mm	mm	mm	mm	kg	mm
<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	810 - 1310	574	280	1470/1298	900	100 ÷ 150	0-250-500	26,5	11120 x 4780 x 4690
<b>TF 2300 SC3.0</b>	22563	2230	1350	900 - 1400	716	300	1704/1505	1000	110 ÷ 170	0-300-600	37,8	11775 x 4930 x 4685
<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 3000 SC3.0</b>	29430	2880	1700	1100 - 1650	996	325	2135/1885	1250	120 ÷ 190	0-300-600	59,1	14230 x 5400 x 5220
<b>TFs 3700 SC4.3</b>	36297	2900	1710	1000 - 2000	1045	350	2270/2070	1250	130 ÷ 200	0/-600	65,4	15300 x 5600 x 5900
<b>TFs 4500 SC4.4</b>	43164	3100	1850	1300 - 2100	1045	350	2959/2706	1450	140 ÷ 220	0/-600	91,1	16500 x 6100 x 6200
<b>TFs 5200 SC4.4</b>	51012	3200	1900	1000 - 2100	1400	350	2959/2706	1450	140 ÷ 220	0/-600	91,1	17000 x 5800 x 6230
<b>TF 6000 SC3.0</b>	58860	3500	2000	1400 - 2400	1196	400	3320/3040	1600	130 ÷ 240	0-300-600	110,0	17700 x 6500 x 6300
<b>TFs 9000 SC4.6</b>	88290	5000	2500	1500 - 2500	1414	400	5350/4894	2000	280 ÷ 300	0/-800	268,1	19700 x 7700 x 7900

Other models available on request

All data are subject to technical alterations

## Toggle Die Casting Machines

MACHINE MODEL	MAX DIE CLOSING FORCE (kN)	PLATENS DIMENSIONS	DISTANCE BETWEEN THE TIE-BARS	MIN-MAX DIE HEIGHT	CENTRAL EJECTION FORCE - FORWARD	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	mm	mm	mm		kg	mm
<b>IP 400 SC</b>	3925	1010	610	210 - 745	212	150	467/396	410	55 ÷ 90	0-100-200	4,3	6680 x 2530 x 2580
<b>IP 550 SC</b>	5395	1075	690	325 - 825	290	170	604/505	500	60 ÷ 110	0-150-270	7,9	7650 x 2720 x 2950
<b>IP 750 SC3.0</b>	7360	1255	775	385 - 940	369	180	710/619	575	70 ÷ 120	0-170-300	10,8	8560 x 3044 x 2885
<b>IP 900 SC3.0</b>	9319	1400	875	400 - 1000	486	200	819/720	600	80 ÷ 130	0-170-300	13,3	8705 x 3341 x 3030
<b>IP 1100 SC3.0</b>	10790	1500	945	425 - 1040	486	220	1015/892	740	90 ÷ 140	0-200-400	19,0	10100 x 3920 x 3540
<b>IP1 650 SC3.0</b>	16186	1780	1130	460 - 1210	574	255	1294/1137	800	90 ÷ 150	0-250-500	23,6	11206 x 4330 x 4164
<b>IP 1850 SC3.0</b>	18148	1950	1250	550 - 1400	574	280	1470/1298	900	100 ÷ 150	0-250-500	26,5	12760 x 4544 x 4425
<b>IP 2150 SC3.0</b>	21090	2100	1330	650 - 1500	668	300	1591/1392	1000	110 ÷ 170	0-300-600	37,8	13555 x 4680 x 4485
<b>IP 2700 SC3.0</b>	26485	2230	1430	750 - 1650	716	300	1705/1505	1000	110 ÷ 180	0-300-600	42,4	14013 x 4810 x 4562
<b>IP 3300 SC3.0</b>	32373	2550	1620	800 - 1800	996	325	2135/1885	1250	120 ÷ 190	0-300-600	59,1	15441 x 4360 x 4710
<b>IP 3700 SC3.0</b>	36300	2670	1700	900 - 2000	996	350	2818/2489	1250	120 ÷ 200	0-300-600	65,4	16320 x 4930 x 5840
<b>IP4400 SC3.0</b>	43164	2900	1850	300 - 2300	1063	400	2970/2673	1500	120 ÷ 210	0-300-600	86,6	18125 x 6010 x 5225

Other models available on request

All data are subject to technical alterations

**IP 400 -IP 4400**