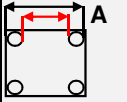
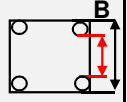


Parameters - Injection molding machines

Tonnage	Inject press	Type	Max. Inject (cm ³)	Clamp force (t)	Tool height		Max. opening			Manipulator / Sprue puller	Centering ring (mm)	Max. inject area (cm ²)	Ø of Screw	Bimetallic cylinder	Nr. of core	Air vent.	Intrusion	Internal regulation for hot runner system	Thread of the nozzle
					min.	max.													
2 < 40 t	E 80/25	E 25	25	25	150		330	470 (330)	340 (250)	N	100	85	18	Y	1	1	N	4	M28x1,5
	E 80/40	E 29	38	40	205		595	500 (400)	370 (300)	N	100	140	22	Y	1	0	N	0	M28x1,5
	VE 400	Zh 1	36	40	150	320	235	320	280	N	100/60	140	22	Y	3 EX	2	Y	0	M48x3
	VE 400	Zh 2	22	40	150	320	235	320	280	N	100/60	140	19	Y	3 EX	2	Y	0	M48x3
	VE 400/80 B	Zh 3	36	40	150	320	235	320	280	N	100 *	140	22	Y	3 EX	1	Y	0	M48x3
3 41-80 t	E 200/50	E 27	99	50	192	420	595	400	400 (350)	N	100	170	30	Y	1	1	Y	0	M28x1,5
	E 200/50	E 28	99	50	192	330	570	400	400 (350)	Y	100	170	30	Y	1	1	Y	0	M28x1,5
	E 200/50	E 43	98	50	190	320	515	550 (400)	320	P	100	170	30	N	N	N	Y	0	M28x1,5
	E 200/80	E 30	99	80	200	420	450	670 (470)	420	Y	125	280	30	Y	1	0	N	0	M28x1,5
	E 200/50	E 36	99	50	190	335	650	660 (400)	410	P	125	170	30	Y	0	0	Y	6	M28x1,5
Testing room	E 330/50	E 37	152	50	190	335	615	660 (400)	410	N	125	170	35	Y	0	1	Y	12	M28x1,5
Testing room	E 330/65	E 38	150	65	150	420	390	570 (400)	550 (345)	N	125	220	35	Y	0	1	Y	0	M28x1,5
4 81-120 t	E 500/110	E 14	125	110	250	500	750	730 (490)	590	Y	125	370	35	N	2	1	Y	2	M28x1,5
	E 500/110	E 15	225	110	250	500	750	730 (540)	510	N	125	370	40	N	2	1	Y	2	M28x1,5
	E 500/110	E 16	225	110	250	500	750	730 (540)	510	N	125	370	40	Y	2	1	Y	2	M28x1,5
	E 330/120	E 17	152	120	293	507	800	740 (530)	580	Y	125	400	35	Y	2	2	Y	8	M28x1,5
	E 500/120	E 19	251	120	293	507	800	740 (540)	580	Y	125	400	40	Y	2	2	Y	0	M28x1,5
	E 500/100	E 32	251	100	250	600	850	740 (540)	510	N	125	340	40	N	2	1	Y	12	M28x1,5
	E 650/100	E 33	251	100	250	600	850	740 (540)	510	Y	125	340	40	Y	1	2	Y	12	M28x1,5
	E 650/100	E 34	251	100	250	600	850	740 (540)	510	Y	125	340	40	Y	0	1	Y	6	M28x1,5
	E 750/100	E 35	318	100	250	600	850	740 (470)	510	Y	125	340	45	N	0	0	Y	6	M28x1,5
	VE 1200/300B	Zh 10	147	120	150	460	360	470	420	Y	125 **	400	36	Y	3 EX	2	Y	0	M60x3
	VE 1200/300B	Zh 11	147	120	150	460	360	470	420	N	125 **	400	36	Y	3 EX	2	Y	0	M60x3
VE 1200/300 B	Zh 12	147	120	150	460	360	470	420	N	125 **	400	36	Y	3 EX	2	Y	0	M60x3	
5 121-180 t	E 600/125	E 9	265	125	150	420	840	420	420	N	125	420	45	Y	0	0	Y	0	M45x3
	E 700/150	E 11	350	150	150	460	920	460	460	N	125	500	50	Y	1	0	Y	0	M45x3
	E 750/150	E 41	318	150	294	600	895	700 (540)	660	Y	160 ***	500	45	Y	1	1	Y	8	M45x3
6 181-280 t	E 750/220	E 18	381	220	294	756	1050	800 (600)	740	Y	160	740	50	Y	2	0	Y	8	M45x3
	E 500/260	E49	192	260	600	900	1500	700	1000	Y	160	400	35	Y	2	2	Y	8	M28x1,5
	KM250-1400C1	KM 85	480	250	630	855	1485	630	630	Y	175	840	50	Y	2	2	N	0	M30x2
	VE 2300/580	Zh 20	252	230	220	600	550	620	570	Y	160/125	770	40	Y	3 EX	2	Y	8	M39x2
	VE 2300/580	Zh 21	252	230	220	600	550	620	570	Y	160/125	770	40	Y	3 EX	2	Y	8	M39x2
ZE 2300/830	Zh 22	412	230	220	600	550	620	620	Y	160/125	770	50	Y	3 EX	2	Y	8	M39x2	
7 281-500 t	E 1800/300	E 24	1039	300	350	850	1200	1050 (750)	750	Y	200	1000	70	Y	2	3	Y	8	M55x3
	E 2050/300	E 22	1140	300	350	850	1200	1050 (750)	650	Y	160	1000	70	Y	2	5	Y	8	M55x3
	E 1800/350	E 31	763	350	450	1000	1450	1200 (800)	730	Y	160	1200	60	Y	2	0	Y	0	M55x3
	VE3000/1400	Zh 30	735	300	240	640	600	670	620	Y	160/125	1000	60	Y	3 EX	2	Y	8	M39x2
	VE3000/1100	Zh 31	471	300	240	650	600	720	720	Y	160/160****	1000	50	Y	3 EX	1	Y	8	M39x2
VE3000/1100	Zh 32	570	300	240	650	600	720	720	Y	160/160****	1000	55	Y	3 EX	2	Y	8	M39x2	

* 20 mm fitting to 60 mm on the moving side

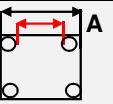
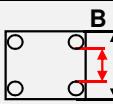
** 20 mm fitting to 100 mm on the moving side

*** 15 mm fitting to 125 on the moving side

****15 mm fitting to 160 mm on the moving side

*****20 mm fitting to 100 mm on the moving side

Parameters - Injection molding machines

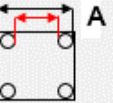
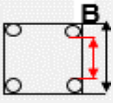
Tonnage	Inject press	Type	Max. Inject (cm ³)	Clamp force (t)	Tool height		Max. opening			Manipulator / Robot	Centering ring (mm)	Max. inject area (cm ²)	Ø of Screw	Bimetallic cylinder	Nr. of core	Air vent.	Intrusion	Internal regulation for hot runner system	Thread of the nozzle
					min.	max.													
8 501-800 t	ZE5500/1700B	Zh 50	929	550	380	880	900	970	970	Y	**	1800	65	Y	3	2	Y	8	M39x2
	ZE5500/1700	Zh 51	929	550	380	880	900	970	970	Y	**	1800	65	Y	4	2	Y	8	M39x2
	E 4400/650	E 21	2000	650	400	920	900	900	900	Y	200/150*****	2170	105	N	2	1	Y	0	M55x3
	E 4550/750	E 26	2480	750	400	920	895	1025	925	Y	200	2500	90	Y	3	5	Y	8	M55x3
	JU11 6500/2950	H 60	1068 1860	650	400	950	1350	1040	910	Y	200/120	2000	65/PC 80	Y	4	2	Y	8	M45x4
	JU11 6500/2250	H 61	1068	650	400	950	1350	1040	910	Y	200/125	2000	65	Y	4	2	Y	8	M45x4
	JU11 6500/2950	H 62	1424	650	400	1150	1550	1040	910	Y	200	2000	70	Y	4	2	Y	8	M45x4
9 > 900 t	E 7050/900	E 40	3050	900	600	1370	1800	1420	1170	Y	200	3000	90	Y	4	6	Y	16	M55x3
	E 7050/900 WP	E 47	3050	900	600	1370	1800	1420	1170	Y	250	3000	90	Y	4	2	Y	16	M55x3
	E 7050/900 Duo	E 48	3050	900	500	1500	2000	1170	1000	Y	250	3000	90	Y	4	1	Y	16	M55x3
	JU11 12000/8400	H120	3645	1200	700	1300	1800	1575	1320	Y	250	4006	100	Y	4	2+2	Y	16	M60x4

*****20 mm fitting to 150 on the moving side

*****20 mm fitting to 200 on the moving side

Remark: In case of piston injection machines count max. opening minus tool height

2K Injection molding presses overlook

Tonnage	Inject press 2K	Type	Max. Inject (cm ³)	Clamp force (t)	Ø of revolving table (mm)	Space between nozzle s (mm)	Max. opening fixed plate x rotary table			Manipulator / Robot	Centering ring (mm)	Max. inject area (cm ²)	Ø of Screw	Bimetallic cylinder	Nr. of core	Air vent.	Intrusion	Internal regulation for hot runner system	Thread of the nozzle	Spacing between ejecting pins	
6 181-280 t	Engel Victory 650H/330W/220 combi	E 39	H - 318 W - 154	220	950	200	1000	840	840	Y	rotary table: 125 mm fixing plate H-160,W-100	370	screw S8 H - 45 W - 35	Y	1	4	Y	12	H M45x3 W M28x1,5	250	
	Engel Victory 650H/330W/220 combi	E 42	H - 318 W - 154	220	950	200	1000	840	840	Y	rotary table: 125 mm fixing plate H-160,W-100	370	screw S8 H - 45 W - 35	Y	1 on MS	4	Y	12	H M45x3 W M28x1,5	250	
7 281-500 t	Engel Victory 750H/330W/300 combi	E 44	H - 393 W - 154	300	1106	200	1300	980	980	Y	rotary table: 125/6mm fixing plate: H-160, W-100	500	screw H - 50 W - 35	Y	1 on FS 2 on MS	4	Y	12	H M45x3 W M28x1,5	250	
	Diagonal of the tool E 44 max. 1070 mm																				
	Engel Victory 750H/330W/300 combi ECODRIVE	E 45	H - 318 W - 154	300	1106	200	1300	980	980	Y	rotary table: 125/6 mm fixing plate: H-160, W-100	500	screw H - 45 W - 35	Y	1	4	Y	12	H M45x3 W M28x1,5	250	
Diagonal of the tool E 44 max. 1070 mm																					
Engel Victory 1050H/500W/500 combi	E 46	H - 422 W - 192	500	1400	200	1600	1300	1300	Y	rotary table: 125/10 mm fixing plate: H-160, W-125	700	screw H - 50 W - 35	Y	2 on FS 2 on MS	4	Y	12	H- M45x3 W- M28x1,5	300		

H - main injection unit (horizontal) W - additional injection unit (hueckpack) EX - separate hydraulic station Y - yes N - no P - sprue puller