

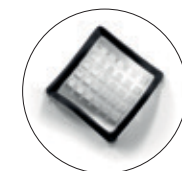
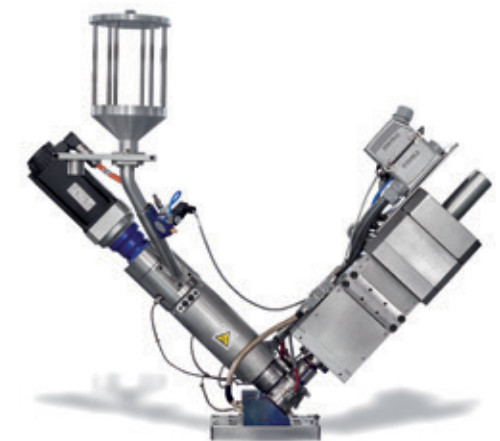
INJECTION UNITS

SHOT POT VERSION

INJECTION UNIT SPECIFICATIONS E-PLATE AND E-MICROINJECTION

Injection Unit	Units	EM.0004			EP.0004			EP.0023			EP.0064		
Extruder diameter	mm in	14 0,55	14 0,55	14 0,55	14 0,55	14 0,55	14 0,55	16 0,63	16 0,63	16 0,63	20 0,79	20 0,79	20 0,79
Piston diameter	mm in	4,5 0,18	5,0 0,20	5,5 0,22	4,5 0,18	5 0,20	5,5 0,22	8 0,32	10 0,39	12 0,47	14 0,55	16 0,63	18 0,71
Max. injection pressure *1	bar psi	2000 29008	2000 29008	1650 23931	2000 29008	2000 29008	1650 23931	2200 31908	2000 29008	1500 21755	2200 31908	2000 29008	1600 23205
Max. injection speed *2	mm/sec in / sec	450.0 1476	450.0 1476	450.0 1476	450.0 1476	450.0 1476	450.0 1476	450.0 1476	450.0 1476	450.0 1476	350.0 1148	350.0 1148	350.0 1148
Screw speed range, standard drive	r.p.m	450	450	450	450	450	450	450	450	450	450	450	450
Screw torque	Nm	26.44	26.44	26.44	26.44	26.44	26.44	37.9	37.9	37.9	69.25	69.25	69.25
Screw stroke	mm in	70 2,76	100 3,94	120 4,72	70 2,76	100 3,94	120 4,72	140 5,51	150 5,91	160 6,30	140 5,51	160 6,30	180 7,09
Swept volume	cc oz.PS	1.1 0,04	2.0 0,07	2.9 0,10	1.1 0,04	2.0 0,07	2.9 0,10	7 0,24	11.8 0,40	18.1 0,61	21.6 0,73	32.2 1,09	45.8 1,55
Max. injection rate *2	cc/sec oz.PS/sec	7.2 0,24	8.8 0,30	10.7 0,36	7.2 0,24	8.8 0,30	10.7 0,36	22.6 0,77	35.3 1,20	50.9 1,73	53.9 1,83	70.4 2,39	89.1 3,02
Nozzle sealing force	kN lbf	25 5620	25 5620	25 5620	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Max. Nozzle retract stroke	mm in	100 3,94	100 3,94	100 3,94	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

E-PLATE



E-MICROINJECTION

*1 - The maximum injection and pack pressure are not the melt pressure but injection unit output.
The maximum injection and pack pressure are the maximum value that can be set.
The maximum injection and pack pressure might be limited depending on the moulding conditions.
*2 - The maximum injection rate and maximum injection speed are theoretical values. Maximum injection rate and speed cannot be guaranteed at maximum injection pressure.

Note: All specifications are subject to change without notice.