

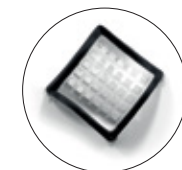
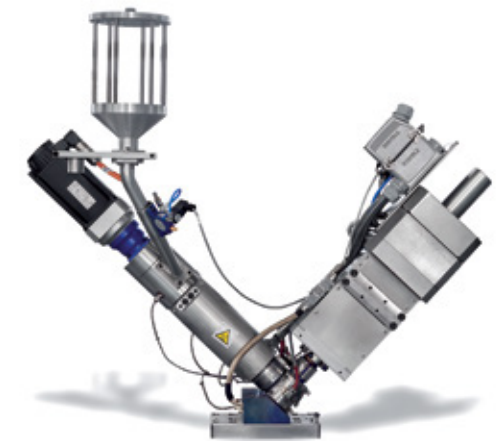
INJECTION UNITS

SHOT POT VERSION

INJECTION UNIT SPECIFICATIONS E-PLATE AND E-MICROINJECTION

	Units	EM.0004			EP.0004			EP.0023			EP.0064		
Extruder diameter	mm	14	14	14	14	14	14	16	16	16	20	20	20
Piston diameter	mm	4.5	5.0	5.5	4.5	5.0	5.5	8	10	12	14	16	18
Max. injection pressure	bar	2000	2000	1650	2000	2000	1650	2200	2000	1500	2200	2000	1600
Max. injection speed	mm/sec	450.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0	350.0	350.0	350.0
Screw speed range, standard drive	rpm	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	70	100	120	70	100	120	140	150	160	140	160	180
Swept volume	cm ³	1.1	2.0	2.9	1.1	2.0	2.9	7	11.8	18.1	21.6	32.2	45.8
Max. injection rate	cm ³ /sec	7.2	8.8	10.7	7.2	8.8	10.7	22.6	35.3	50.9	53.9	70.4	89.1
Nozzle sealing force	kN	25	25	25	NA	NA	NA	NA	NA	NA	NA	NA	NA
Max. nozzle retract stroke	mm	100	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA

E-PLATE
(patent pending)



E-MICROINJECTION