

Clamping Unit		MicroPower 5		MicroPower 15	
Clamping force	kN	50		150	
Platen size (h x v)	mm x mm	240 x 400 (170)		240 x 400 (248)	
Mould height (min.)	mm	100		100	
Mould height (max.)	mm	220		300	
Opening stroke / opening force	mm/kN	100 / 15		100 / 15	
Maximum daylight	mm	320		400	
Ejector stroke / ejector force	mm/kN	30 / 2		40 / 5	
Dry cycle time <sup>1)</sup>	s - mm	1,2 - 100	1,2 - 100	1,2 - 100	1,2 - 100

1) according to Euromap 6

Injection Unit		3	7,5	3	7,5
Dosing screw diameter	mm	14	14	14	14
Dosing screw stroke	mm	8	20	8	20
Screw L/D ratio		20	20	20	20
Injection plunger diameter	mm	5	8	5	8
Theoretical shot volume	cm <sup>3</sup>	1,2	3	1,2	3
Specific injection pressure	bar	3000	2500	3000	2500
Max. screw speed	min <sup>-1</sup>	200	200	200	200
Max. plasticizing rate (PS) <sup>2)</sup>	g/s	1,7	1,7	1,7	1,7
Max. screw torque	Nm	90	90	90	90
Nozzle stroke b / contact force	mm/kN	230 / 40	230 / 40	230 / 40	230 / 40
Injection speed	mm/s	750	750	750	750
Injection rate into air	cm <sup>3</sup> /s	15	25	15	25

2) according to Battenfeld norm

Drive					
Electrical power supply	kVA	9	9	9	9
Energy consumption according to Euromap 60	kWh/kg				
Weights, dimensions					
Netweight	kg	1350		1420	
Length x width x height	m	2100 x 980 x 2100		2100 x 980 x 2100	

### Possible combinations of clamping units/ injection units

Clamping Unit	Injection Unit	
	3	7,5
to		
5	•	•
10	•	•

