

Clamping Unit		EcoPower 180							
Clamping force/clamping pressure	kN	1800							
Distance between tie bars	mm x mm	570 x 520							
Mould height	mm	225 ... 550							
Opening stroke	mm	480							
Max. daylight	mm	1030							
Ejector stroke/ejector force	mm/kN	180/40							
Dry cycle time ¹	s-mm	1,7 - 364							
Injection Unit		350				750			
Screw diameter	mm	25	30	35	40	35	40	45	50
Screw stroke	mm	175				225			
Screw L/D ratio		22				22			
Theoretical shot volume	cm ³	85,9	124	168	220	216	283	358	442
Specific injection pressure	bar	3000	2823	2083	1591	3000	2650	2095	1697
Max. screw speed	min ⁻¹	350				325			
Max. plasticizing rate (PS) ²	g/s	9,3	13,5	21	33,5	47,4	31,1	40,5	49
Max. screw torque	Nm	500				900			
Nozzle stroke/contact force	mm/kN	250 / 40				350 / 40			
Injection rate into air	cm ³ /s	98,2	141	192	251	192	251	318	393
Injection rate into air increased (option)	cm ³ /s	196	283	385	503	337	440	557	687
Drive									
Electrical power supply without/with Europackage	kVA	32 / 62				38 / 68			
Energy Index according to EUROMAP 60 Z1/Z2/Z3	kWh/kg								
Weights, dimensions									
Netweight	kg	6800				7200			
Length x width x height	m	5,2 x 1,6 x 2,2				5,5 x 1,6 x 2,2			
Max. mould weight ³ / Min. mould diameter	kg/mm	1800 / 500				1800 / 500			

¹ according to EUROMAP 6

² according to Wittmann Battenfeld norm

³ max. 2/3 on clamping platen

