

Clamping Unit		EcoPower 55				
Clamping force/clamping pressure	kN	550				
Distance between tie bars	mm x mm	370 x 320				
Mould height	mm	150 ... 350				
Opening stroke	mm	250				
Maximum daylight	mm	600				
Ejector stroke/ejector force	mm/kN	100/25				
Dry cycle time ¹	s-mm	1,3 - 224				
Injection Unit		130				
Screw diameter	mm	14	18	22	25	30
Screw stroke	mm	90	110		125	
Screw L/D ratio		20		22		
Theoretical shot volume	cm ³	13,9	28	41,8	61,4	88,4
Specific injection pressure	bar	3000	3000	2871	2117	1471
Max. screw speed	min ⁻¹	500		400		
Max. plasticizing rate (PS) ²	g/s	1,7	5	7,2	10,5	15,4
Max. screw torque	Nm	90	150		250	
Nozzle stroke / contact force	mm/kN	250 / 40				
Injection rate into air	cm ³ /s	30,8	50,9	76	98,2	141
Injection rate into air increased (option)	cm ³ /s	61,6	102	152	196	283
Drive						
Electrical power supply without / with Europackage	kVA	11 / 40				
Energy Index according to EUROMAP 60 Z1/Z2/Z3	kWh/kg					
Weights, dimensions						
Netweight	kg	3000				
Length x width x height	m	3,9 x 1,4 x 2				
Max. mould weight ³ / Min. mould diameter	kg/mm	600/315				

¹ according to EUROMAP 6

² according to Wittmann Battenfeld norm

³ max. 2/3 on clamping platen

