

Clamping unit		VM 270/... R1755								
Clamping force	kN	2700								
Rotary table diameter	mm	1755								
Working height	mm	1325								
Mold height (min.)	mm	400								
Opening stroke/opening force	mm/kN	400/445								
Max. daylight	mm	800								
Ejector stroke/ejector force	mm/kN	150/27,5								
Cooling circuits/temperature/ nominal size/connecting thread	n/°C/mm	2/120/9 - G3/8"								
Angle of rotation/time of	°/s	180/3,9								
Dry cycle time ¹⁾	s-mm	4,3 - 150								
Injection unit		750 H V			1000 H V			1330 H V		
Screw diameter	mm	40	45	50	45	50	55	50	55	65
Screw stroke	mm	225			250			275		
Screw L/D ratio		22			22			22		
Theoretical shot volume	cm ³	283	358	442	398	491	594	540	653	913
Specific injection pressure	bar	2678	2116	1714	2490	2016	1666	2470	2041	1461
Max. screw speed	min ⁻¹	613			400			318		
Max. plasticizing rate (PS) ²⁾	g/s	51,3	66,8	80,8	49,9	60,3	74,6	48	59,3	70,9
Max. screw torque	Nm	998			1540			1940		
Nozzle stroke/contact force	mm/kN	350/86			500/100			500/100		
Injection rate into air ³⁾	cm ³ /s	261	331	408	281	347	420	283	343	479
Injection rate into air with double pump	cm ³ /s	313	397	489	337	416	504	339	411	574
Drive										
Drive power	kW	45			45			45		
Oil tank volume	l	400			400			400		
Electrical power supply without options	kVA	74			75			78		
Weight, dimensions										
Netweight (exclusive oil)	kg	20500			20700			20900		
H - Length x width x height ³⁾	m	4,6 x 2,2 x 2,6			4,8 x 2,2 x 2,6			5,0 x 2,2 x 2,6		
V - Length x width x height ³⁾	m	4,6 x 2,2 x 4,8			4,6 x 2,2 x 5,2			4,6 x 2,2 x 5,5		
Max. mold weight ⁴⁾	kg	2800			2800			2800		
Min. mold diameter	mm	400			400			400		

¹⁾ according to EUROMAP 6 ²⁾ according to Wittmann Battenfeld Norm ³⁾ max. length with middle screw diameter in back position ⁴⁾ on rotary table

1755 mm

