

Clamping unit		VM 75/... R1040										
Clamping force	kN	750										
Rotary table diameter	mm	1040										
Working height	mm	995										
Mold height (min.)	mm	250										
Opening stroke/opening force	mm/kN	250/132										
Max. daylight	mm	500										
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	180/2,3										
Dry cycle time ¹⁾	s-mm	3,1 - 150										
Injection unit		130 H V				210 H V			350 H V			
Screw diameter	mm	18	22	25	30	25	30	35	30	35	40	
Screw stroke	mm	110		125		150			175			
Screw L/D ratio		20		22		22			22			
Theoretical shot volume	cm ³	28	41,8	61,4	88,4	73,6	106	144	123	169	220	
Specific injection pressure	bar	3000	2864	2218	1540	2940	2042	1500	2835	2083	1595	
Max. screw speed	min ⁻¹	477				372			298			
Max. plasticizing rate (PS) ²⁾	g/s	4,8	6,9	12,6	18,5	9,9	14,4	22,3	11,6	17,9	28,5	
Max. screw torque	Nm	238		357		490			621			
Nozzle stroke/contact force	mm/kN	350/47				300/86			300/86			
Injection rate into air ³⁾	cm ³ /s	49,1	73,4	94,7	136	71,4	103	140	74,1	101	132	
Injection rate into air with double pump	cm ³ /s	65,5	97,8	126	182	113	163	222	117	160	209	
Drive												
Drive power	kW	15				15			15			
Oil tank volume	l	180				180			180			
Electrical power supply without options	kVA	30				32			34			
Weight, dimensions												
Netweight (exclusive oil)	kg	6000				6100			6200			
H - Length x width x height ³⁾	m	3,4 x 1,6 x 2,0				3,4 x 1,6 x 2,0			3,4 x 1,6 x 2,0			
V - Length x width x height ³⁾	m	3,4 x 1,6 x 3,5				3,4 x 1,6 x 3,5			3,4 x 1,6 x 3,7			
Max. mold weight ⁴⁾	kg	800				800			800			
Min. mold diameter	mm	250				250			250			

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

