

Clamping unit		VM 110/... R1280								
Clamping force	kN	1100								
Rotary table diameter	mm	1280								
Working height	mm	1035								
Mold height (min.)	mm	250								
Opening stroke/opening force	mm/kN	250/202								
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	180/2,9								
Dry cycle time ¹⁾	s-mm	3,4 - 150								
Injection unit		210 H V			350 H V			525 H V		
Screw diameter	mm	25	30	35	30	35	40	35	40	45
Screw stroke	mm	150			175			200		
Screw L/D ratio		22			22			22		
Theoretical shot volume	cm ³	73,6	106	144	123	169	220	193	251	318
Specific injection pressure	bar	2940	2042	1500	2835	2083	1595	2743	2100	1659
Max. screw speed	min ⁻¹	496			397			318		
Max. plasticizing rate (PS) ²⁾	g/s	13,1	19,2	29,7	15,4	23,8	38	19,1	30,4	39,7
Max. screw torque	Nm	490			621			770		
Nozzle stroke/contact force	mm/kN	300/86			300/86			350/86		
Injection rate into air ³⁾	cm ³ /s	95,2	137	187	98,8	134	176	102	133	169
Injection rate into air with double pump	cm ³ /s	143	206	280	148	202	263	153	200	253
Drive										
Drive power	kW	18,5			18,5			18,5		
Oil tank volume	l	270			270			270		
Electrical power supply without options	kVA	35			37			38		
Weight, dimensions										
Netweight (exclusive oil)	kg	8200			8300			8400		
H - Length x width x height ³⁾	m	3,9 x 1,7 x 2,1			3,9 x 1,7 x 2,1			3,9 x 1,7 x 2,1		
V - Length x width x height ³⁾	m	3,9 x 1,7 x 3,5			3,9 x 1,7 x 3,8			3,9 x 1,7 x 4,0		
Max. mold weight ⁴⁾	kg	1500			1500			1500		
Min. mold diameter	mm	300			300			300		

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

1280 mm

