



Hacoplast B.V.

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Injection unit	Unit	JM800-MK6			JM1000-MK6			JM1200-MK6			JM1400-MK6			JM1650-MK6		
Swept Volume	cm <sup>3</sup>	3179	3770	4749	4146	5224	6217	5699	6782	7960	7347	8623	10001	9286	10770	12364
Injection Weight (PS)	g	2893	3430	4322	3773	4754	5658	5186	6172	7244	6686	7847	9101	8450	9801	11251
Screw Diameter	mm	90	98	110	98	110	120	110	120	130	120	130	140	130	140	150
Screw L/D Ratio	L/D	24,0	22,0	19,6	24,7	22,0	20,2	24,0	22,0	20,3	23,8	22,0	20,4	23,7	22,0	20,5
Injection Pressure (Max.)	knf/cm <sup>2</sup>	2.170	1.840	1.460	2.320	1.840	1.550	2.190	1.840	1.570	2.110	1.800	1.550	2.090	1.800	1.570
Injection Pressure (Max.)	MPa	213	180,4	143,2	227,5	180,4	152	215	180,4	154	207	176,5	152	205	176,5	154
Injection Rate (PS)	g/s	607	720	907	650	820	975	875	1045	1226	1035	1215	1409	1195	1390	1596
Plasticizing rate ( PS)	g/s	87	109	156	80	110	143	146	190	223	174	205	220	149	159	213
Screw Rotation Speed (Max.)	rpm		130			110			110			100			95	
Screw Stroke	mm		500			550			600			650			700	
Nozzle contact force	t		16.7			16.7			16.7			16.7			16.7	
Nozzle stroke	mm		560			595			700			720			800	
<b>Clamping unit</b>																
Clamping Force (Max.)	t		800			1000			1200			1400			1650	
Opening Stroke	mm		1050			1230			1310			1500			1600	
Maximum Daylight	mm		2050			2390			2560			2900			3100	
Platen size ( H x V )	mm		1400 x 1400			1630 x 1630			1770 x 1770			2030 x 1930			2190 x 2070	
Space between Tie Bars (HxV)	mm		1020 x 1020			1160 x 1160			1250 x 1250			1450 x 1350			1550 x 1430	
Max. Mould Thickness	mm		1000			1160			1250			1400			1500	
Min. Mould Thickness	mm		400			450			500			650			700	
Ejector Stroke	mm		280			320			320			400			400	
Ejector Force	t		18.2			21.5			21.5			35.2			35.2	
Mould centerring diameter	mm		250			250			250			250			315	
<b>Others</b>																
Energy consumption	kWh / kg		0,32			0,38			0,47			0,57			0,59	
System Pressure	MPa		175,0			175,0			175,0			175,0			175,0	
Pump Motor	kW		116			138			174			206			214	
Electrical Heating	kW		47			58.4			70.1			77.6			95.4	
Temperature Control Zones	Zones		6+1			6+1			7+1			7+1			7+1	
Oil Tank Capacity	l		1050			1250			1600			1750			2000	
Machine dimensions (LxWxH)	m		11 x 2.4 x 2.5			12 x 2.7 x 3.3			12.6 x 2.8 x 3.6			13.6 x 3.2 x 3.7			15 x 3.2 x 3.8	
Machine weight	t		34.0			44			60.0			77.0			97.0	

All technical data and features are subjected to change without notice.

Plasticizing rates of all screws A & C are estimated