

Modelo (Battenfeld)	Unidades	HM 40/60 (14)	HM 100/210 (25)	HM 210/525 (35)
<b>Clamping Unit</b>				
Clamping force	kN	400	1000	2100
Distance between tie-bars	mm x mm	320 X 270	470 x 420	630 x 570
Platen dimensions	mm x mm	480 X 460 (408)	680 x 663 (594)	910 x 930 (834)
Mold height (min.)	mm	175	250	325
Opening stroke	mm	375	500	725
Opening force	kN	26	55	104
Maximum daylight	mm	550	750	1050
Ejector force	kN	26,4	41,2	59
Ejector stroke	mm	100	150	200
Oil tank volume	l	150	275	550
Dry cycle time <sup>1</sup>	s/mm	1,8-224	2,4-329	3,0-441
<b>Injection Unit</b>				
International size EUROMAP 1		60	210	525
Screw diameter	mm	14	25	35
Specific injection pressure	bar	3000	2940	2743
Theoretical shot volume	cm <sup>3</sup>	13,9	73,6	193
Max. shot weight (PS)	g	12,6	67	175,6
Screw L/D ratio		20	22	22
Max. screw speed (increased hydraulics)	1/min	498 (623)	496 (589)	695
Max. screw torque	Nm	90	490	770
Max. plasticizing rate (PS) <sup>2</sup> (increased hydraulics)	g/s	1,7 (1,9)	13,1 (15,6)	31
Nozzle stroke	mm	250	250	350
Nozzle contact force	kN	47	86	86
Screw stroke	mm	90	150	200
Injection rate into air with (increased hydraulics)	cm <sup>3</sup> /s	32,7 (40,9)	95,2 (113)	223
Injection rate into air with twin-pump (option)	cm <sup>3</sup> /s	49	143	255
Injection rate into air with hydraulic accumulator (option)	cm <sup>3</sup> /s	65,4	155	287
Barrel heating capacity	kW	2,3	6,4	10,4
Number of temperature zones		1+3	1+3	1+3
Drive power (increased hydraulics/twin-pump)	kW	11	18,5	37
		(11/15)	(22/30)	45