



Technical Data

Demag ergotech

1 Technical Data

1.1 Data Sheets Ergotech 750/1000 - 5200

Model description		Ergotech 750/1000 - 5200
International size code		7500 - 5200
Clamping unit		7500
Clamping force	kN	7500
Locking force	kN	8250
Max. mould opening stroke	mm	930
Min. mould mounting height	mm	500
Max. mould mounting height	mm	1000
Max. daylight between platens	mm	1930
Overall size of platens h x v	mm	1450 x 1350
Daylight distance between tie bars h x v	mm	1000 x 880
Max mould weight	kg	8600
Max weight content on moving platen	kg	5700
Hydraulic Ejector		
Ejection stroke	mm	250
Ejection force	kN	138
Ejector retraction force	kN	58



Data Sheet Ergotech 750/1000 - continued

Injection Unit		5200			
Screw cylinder		Standard			Special
Screw diameter	mm	80	95	110	95
L / D - Ratio		24	20	20	23
Injection pressure (at 400 °C)	bar	2380	1832	1367	1832
Cylinder head volume	cm ³	2011	2835	3801	2835
Shot weight in (PS)	g	1810	2550	3420	-
Shot weight in (PE)	g	-	-	-	2010
Max. metering stroke	mm	400			
Max. dist. of nozzle retraction	mm	720			
Nozzle dipping depth (SVO)	mm	45 (30 for SPI)			
Nozzle sealing force	kN	110			
Heating capac. of screw cylind.	kW	42.6	42.6	59.0	59.0
Electrical screw drive (WA)	kW	51			
Hopper capacity	Ltr.	110			
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Oil tank capacity	Ltr.	1300			
Pump unit	kW	110			
Total installed electrical rating	kW	153 ***	153 ***	169 ***	169 ***
Number of dry cycles to EUROMAP 6		3,50s-700mm			
Net weight (without oil) Clamping unit / Injection Unit	kg	26400 / 7500			
Machine dimensions L x W x H	m	10.2* x 2.5 x 2.6			
Continuous sound pressure level	dB (A)	70**			

*) without extension of injection unit, see chap. 2.2

***) Operator side measured to EN 201 - annex D, see chap. 3.1.6

****) Ergotech with el. screw drive the total installed electrical rating increases by the rating of the screw drive

