DEMAG 350 T MACHINE N°23 (PONTY MACHINE LION)

1.1.9 Data Sheet Ergotech 350/710

Model description		Ergotech 350/710 - 840 Ergotech 350/710 - 1450 Ergotech 350/710 - 2300
International size code		3500 - 840 3500 - 1450 3500 - 2300
Clamping unit		**3500**
Clamping force	kN	3500
Locking force	kN	3850
Max. mould opening stroke	mm	675
Min. mould mounting height	mm	330
Max. mould mounting height	mm	710 (830 with WA)
Max. daylight between platens	mm	1385 (1505 with WA)
Overall size of platens h x v	mm	1040 x 950
Daylight distance between tie bars h x v	mm	710 x 630
Max mould weight	kg	3600
Max weight content on moving platen	kg	2400
Hydraulic Ejector		
Ejection stroke	mm	200
Ejection force	kN	69
Ejector retraction force	kN	32

MACHINE 23

Data Sheet Ergotech 350/710 - continued

Injection Unit		2300		
Screw cylinder				
Screw diameter	mm	60	70	80
L / D - Ratio		20	20	20
Injection pressure (at 400 °C)	bar	2420	1877	1437
Cylinder head volume	cm^3	891	1212	1583
Shot weight in (PS)	g	800	1090	1430
Max. metering stroke	mm	315		
Max. dist. of nozzle retraction	mm	470		
Nozzle dipping depth (SVO)	mm	20		
Nozzle sealing force	kN	110		
Heating capac. of screw cylind.	kW	23.1	27.0	30.6
Electrical screw drive (WA)	kW	35		
Hopper capacity	Ltr.	110		
General Data				
Oil tank capacity	Ltr.	700		
Pump unit	kW	45 / 55		
Total installed electrical rating	kW	68 / 78****	72 / 82****	76 / 86****
Number of dry cycles to EUROMAP 6a	h -1	1440 / 1600***		
Number of dry cycles without nozzle retraction	h -1	1890 / 2100***		
Net weight (without oil)	kg	15200		
Machine dimensions L x W x H	m	6.5* x 2.0 x 2.3		
Contiuous sound pressure level	dB (A)	74**		

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

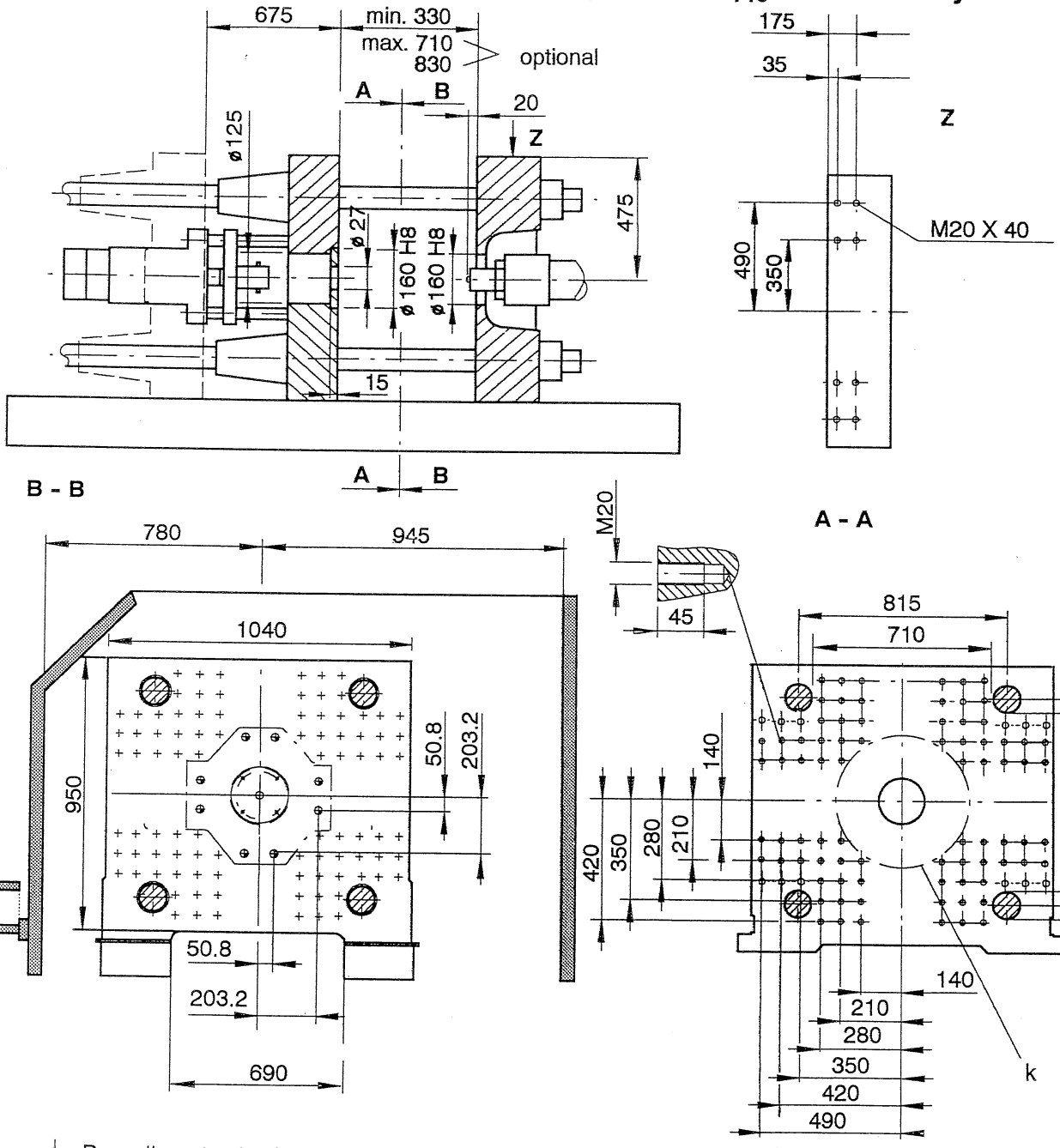
**) Operator side measured to DIN 45 635 page1EN 201 - annex D, see chap. 3.1.6

***) Ergotech concepts with WA mould opening and ejector with option of closed and opend safety guard.

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

MACHINE 23

1.2.9.3 Mould mounting dimensions Ergotech 350/710: EUROMAP layout



⌖ Bore diameter 27 throughout

k = smallest permissible mould Ø 400