

DYNAMIKA 800

Technical features

INJECTION UNIT

		8800	
Screw diameter	mm	100	105
Screw L/D ratio		100	105
Pressure on material	bar	24	23
Theoretical shot volume	cm ³	1800	1650
Maximum shot weight (polystyrene)	g	4870	5370
Injection speed	cm ³ /s	4580	5040
Plasticizing capacity	kg/h	7500	8000
Screw speed	rpm	0 ÷ 180	
Screw motor torque	Nm	5800	
Screw motor power	KW	74	
Heating power	KW	68.5	
Heating zones		7	
Nozzle contact force	KN	110	

CLAMPING UNIT

Clamping force	KN	7850
Max moulding area (250 kg/cm ²)	cm ²	3200
Space between tie bars (HxV)	mm	1020 x 900
Opening stroke	mm	1000
Mould thickness	mm	300 ÷ 1000
Mould sizes	mm	1018 x 1380
Hydraulic ejector force	KN	168
Hydraulic ejector stroke	mm	300

GENERAL DATA

Shots per minute (No-load cycle)	N/min	18
Motor power	KW	55 + 55
Total installed power	KW	252.5
Operating pressure	bar	140
Overall dimensions (LxWxH)	m	10.50 x 2.20 x 2.70
Weight	kg	45000
EUROMAP classification		8000H / 8800