

Machine model		30 M, 30 A, 30 D			
International size		300-75			
Clamping unit					
Clamping force	kN	306			
Mould closing force	kN	24			
Mould opening force	kN	33			
Mould opening stroke, max.	mm	300			
Maximum plate distance	mm	500			
Minimum plate distance	mm	200			
Clear width between tie bars	mm	280 x 254 (h x v)			
Diameter	mm	40			
Ejector stroke	mm	80			
Ejector force pushing / pulling	kN	20,3 / 13,5			
Injection unit					
Screw diameter	mm	24	28	32	
Screw-L/D ratio	—	22,3	19	16,6	
Flight depth ratio	—	2,05	2,25	2,20	
Spec. injection pressure	bar	1810	1340	1030	
Theor. stroke volume	cm ³	41	55	72	
Injection weight with polystyrene	g	36	49	64	
Plasticising rate	g/s	6,28	12	14	n = 380 1/min
Injection rate	g/s	51,3	68,4	92	
Screw torque	Nm				
motor 100 cm ³ /U		240			
160 cm ³ /U		400			
Screw speed	U/min				
motor 100 cm ³ /U		10-400			
160 cm ³ /U		10-250			
Injection force	kN	83			
Screw stroke	mm	90			
Screw retraction force	kN	22,8			
Nozzle pressure force	kN	54			
Nozzle stroke	mm	180			
Heating capacity (1)	W	2400 + 2x 1295 + 730 + 250 = 5970 (30M)			
	W	2400 + 2x 1295 + 730 + 230 = 5950 (30D)			
Hopper capacity	L	20			
General					
Number of drycycles (Euromap)	1/min	38			
Installed driving power	kW	7,5			
Installed total power (1)	kW	13,5			
Hydraulic system pressure	bar	180			
Oil tank capacity	L	115			
Dimensions and weights					
Length of machine	mm	2520			
Width of machine	mm	860			
Height of machine	mm	1900			
Floor area	m ²	2,2			
Total weight net (without oil)	kg	1150			
Total weight gross (without oil)	kg	1300			
Mould cooling connection	—	R 1/2"			
Oil cooling connection	—	R 1/2"			
Resounding power level	dB (A)	78,8 (2)			

(1) Standard barrel

(2) DIN 45635