



Machine designation		EM 200 / 55 EM 200 / 60 US	EM 200 / 100 EM 200 / 110 US
Weight	to	6.0	9.3
	US tons	6.61	10.25
Length	mm	4185	4990
	inches	164.76	196.45
Height	mm	2120	2167
	inches	83.46	85.32
Total power	kW	26 / 26	29 / 29
Standard / High	hp	34.9 / 34.9	38.9 / 38.9
Connected current <sup>1</sup>	A	41 / 41	46 / 46
Standard / High			

1. At voltage 3x400V, 50Hz

International size designation <sup>1</sup>		200/...			
		Standard	High		
Screw diameter	mm	25	30	25	30
	inches	0.98	1.18	0.98	1.18
Screw stroke	mm	120	120	120	120
	inches	4.72	4.72	4.72	4.72
Injection capacity	cm <sup>3</sup>	58.9	84.8	58.9	84.8
	in <sup>3</sup>	3.59	5.17	3.59	5.17
Screw speed	min-1	380	380	380	380
	rpm				
L/D ratio (3-zone screw)	L/D	24.8	20.5	24.8	20.5
Recovery rate (3-zone screw) <sup>2</sup>	g/sec	9.5	13.5	9.5	13.5
	oz/sec	0.33	0.48	0.33	0.48
L/D ratio (barrier screw)	L/D	-	-	-	-
Recovery rate (barrier screw) <sup>3</sup>	g/sec	-	-	-	-
	oz/sec	-	-	-	-
Injection rate	cm <sup>3</sup> /sec	78	113	127.6	183.8
	in <sup>3</sup> /sec	4.75	6.89	7.78	11.21
Injection pressure (regenerative)	bar	2400 <sup>4</sup>	2000	2400 <sup>4</sup>	2000
	psi	34808 <sup>4</sup>	29007	34808 <sup>4</sup>	29007
Nozzle stroke	mm	225	225	225	225
	inches	8.86	8.86	8.86	8.86
Nozzle contact force	kN	28	28	28	28
	US tons	3.14	3.14	3.14	3.14
Heating wattage	kW	6.95	6.95	6.95	6.95
	hp	9.3	9.3	9.3	9.3
Number of heating zones incl. nozzle		4	4	4	4
Hopper capacity	l	34	34	34	34
	lbs	37.5	37.5	37.5	37.5

1. Injection capacity [cm<sup>3</sup>] x Injection pressure max. [bar] / 1000

2. Werte für Polystyrol (nach ENGEL Werksnorm ETR 10100), abhängig vom Material und Verarbeitungsbedingungen

3. Values for HDPE (according to ENGEL factory standard ETR 10100)

4. Injection pressure limited