

Euromap Size

Injection unit for processing thermoplastics

Screw diameter	mm
Screw- L/D-ratio	
Max. stroke volume (theoretical)	cm ³
Max. shot weight in PS	g
Injection force	kN
Injection flow	g/s
Max. spec. injection pressure	bar
Max. screw stroke	mm
Nozzle force / contact pressure	kN
Nozzle retraction stroke	mm
Screw torque	Nm
Screw speed (infinitely variable)	U / min. standard alternatively
Screw pullback force	kN
Heating power (Nozzle + Cylinder)	W
Hopper capacity	litre

Clamping unit

Clamping force	kN
Tie bar clearance	mm (h x v)
Max. platen daylight	mm
Max. opening stroke (adjustable)	mm
Min. mould height	mm
Mould opening force	kN
Mould closing force	kN
Ejector stroke (max.)	mm
Ejector force pushing / pulling	kN

General

Installed driving power / total power	kW
Energy consumption (Euromap 60)	kW/h
Hydraulic system pressure	bar
Oil tank capacity	litre

Dimensions and weights

Dimensions (LxWxH) / Footprint	mm / m ²
Total weight net (without oil)	kg
Total weight gross (without oil)	kg
Case dimensions (LxWxH) approx.	mm

BOY 55 E

550-205

with injection unit 205 (standard)

28	32
22,7	20
73,9	96,5
71,1	92,3
171	171
69,1	91,2
2778	2127
120	120
66	66
210	210
390 ¹ / 490 ²	390 ¹ / 490 ²
10 - 325 ² / 450 ² 10 - 410 ¹ / 560 ¹	
29,7	29,7
200 + 900 + 2 x 2100 + 2400 = 7700	
58	58



550	550
360 x 335	360 x 335
650	650
400	400
250	250
38	38
24,4	24,4
80 (130) (150)	
20,4 / 13,5	(20,4 / 13,5) (42,7 / 30)

11 / 18,7 (400 V)	11 / 18,7 (400 V)
4,6	4,6
180	180
200	200

3250 x 1130 x 2040 / 3,67	
2250	
2580	
3450 x 1160 x 1920	



550-205

with injection unit 205 (standard)

38	42
16,7	15
136,1	166,3
129,8	158,9
171	171
128,3	153,3
1508	1235
120	120
66	66
210	210
390 ¹ / 490 ²	390 ¹ / 490 ²

10 - 325² / 450²
10 - 410¹ / 560¹

29,7	29,7
200 + 900 + 2 x 2100 + 2400 = 7700	
58	58

stv connect

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360 x 335	360 x 335
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24,4	24,4

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