

Injection unit			
Type of injection	IU 580B		
Screw diameter	mm	80	85
Injection pressure	kg/cm <sup>2</sup>	1805	1599
Theoretical shot volume	cm <sup>3</sup>	2136	2412
Shot weight (PS)	g	1944	2195
Theoretical injection volume	cm <sup>3</sup> /sec	646	730
L/D Ratio	L/D	21.4	20
Plasticizing rate (PS)	kg/hr	415	468
Injection stroke	mm	425	
Max. injection speed	mm/sec	129	
Screw speed	r.p.m	230	
Nozzle contact force	ton	10.7	
Hopper Capacity	l	100	
Cylinder Temperature Control zone	Cylinder ×4 zones . Nozzle ×1 zone		
Clamping unit			
Clamping system	Double toggle		
Clamping force	ton	580	
Opening stroke	mm	850	
Overall size of platens (H×V)	mm	1340×1340	
Distance between tie-bars (H×V)	mm	910×910	
Mould height	mm	400-850	
Max. daylight opening	mm	1700	
Ejector system	Hydraulic (17 points)		
Ejection stroke	mm	180	
Ejection force	ton	11.1	
General data			
Pump unit	kw	25+25	
Heating capacity of screw cylinder	kw	27.8	29.4
Total power capacity	kw	77.8	79.4
Oil tank capacity	l	700	
Net weight(without oil) approx.	ton	n/a	

EB=Energy-Efficient Big Shot Size Series

We reserve the right to make changes as a result of further technical advantages

