

Injection unit			
Type of injection	IU 700B		
Screw diameter	mm	90	100
Injection pressure	kg/cm <sup>2</sup>	1917	1553
Theoretical shot volume	cm <sup>3</sup>	2863	3534
Shot weight (PS)	g	2605	3216
Theoretical injection volume ( )=Bigger pump unit.	cm <sup>3</sup> /sec	685(989)	845(1221)
L/D Ratio	L/D	20	18
Plasticizing rate (PS)	kg/hr	513	704
Injection stroke	mm	450	
Max. injection speed ( )=Bigger pump unit.	mm/sec	108(155)	
Screw speed	r.p.m	200	
Nozzle contact force	ton	13	
Hopper Capacity	l	100	
Cylinder Temperature Control zone	Cylinder ×5 zones . Nozzle ×1 zone		
Clamping unit			
Clamping system	Double toggle		
Clamping force	ton	700	
Opening stroke	mm	950	
Overall size of platens (H×V)	mm	1420×1520	
Distance between tie-bars (H×V)	mm	960×1060	
Mould height	mm	400-1000	
Max. daylight opening	mm	1950	
Ejector system	Hydraulic (21 points)		
Ejection stroke	mm	200	
Ejection force	ton	19.8	
General data			
Pump unit ( )=Bigger pump unit.	kw	25+33(25+25+33)	
Heating capacity of screw cylinder	kw	36.6	42.9
Total power capacity ( )=Bigger pump unit.	kw	94.6(119.6)	100.9(125.9)
Oil tank capacity	l	990	
Net weight(without oil) approx.	ton	n/a	

EB=Energy-Efficient Big Shot Size Series ( )=Bigger pump unit.

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

