

Machine Type

968.250-ZO Top Injection

Injection Unit - system:FIFO A

Injection volume	cu.in.	48.8	61.0	97.6	122	201	244
Maximum shot (@ 1.2 s.g.)	lb	2.12	2.65	4.23	5.29	8.73	10.6
Injection plunger diameter	inch	2.95	3.35	3.35	3.74	4.13	4.13
Injection pressure	psi	31,175	24,215	31,175	25,085	31,175	26,100
Plunger stroke	inch	7.09		11.42		15.35	
Injection force	US ton	107		138		212	
Injection rate, calc.	cu.in/s	4.88	6.10	7.32	9.15	11.59	14.04
Screw diameter	inch	1.38		1.77		2.17	
Screw length	L : D	10		10		10	
Screw speed	RPM	20 - 250		20 - 160		20 - 200	
Screw, torque, max.	Ft-lb	398		930		1010	
Heating capacity, temp.units	kW	2 x 4.5		2 x 4.5		2 x 4.5	
Injection nozzle contact force	Us ton	8.8		14.08		14.0	
Maximum strip dimensions	inch	1.75x.25		2.4x.3		2.4x4	

Clamping Unit

Clamping force (option)	US ton	280 (315)
Clamping stroke		fully hydraulic
Opening force	US ton	9.0
Opening stroke	inch	21.65
Opening speed	inch/s	13.8
Closing speed	inch/s	17.7
Minimum mold height	inch	6.3
Maximum daylight	inch	27.95
Clearance between tie bars	inch	20.08x26,77
Heating platens, std.(options)	mm	22x24.8 (22x30.7) (26.4x30.7)
Hydraulic core lifting device		
Lifting force (retract)	US ton	7.1 (2.4)
Stroke	inch	9.8

General Data

Pump drive	PSI-g/min-KW	3625 - 17 - 22		
Total connected load	kW	49		
Machine dimensions LxWxH	Inch	64x100x125	64x100x135	64x100x142
Oil tank capacity	Gal	47		
Weight	lb	19,600	20,900	23,320