



## Injection Unit - system: A

Injection volume	inch <sup>3</sup>	201	244	305	366	525	610
Maximum shot (@ 1.2 s.g.)	lb	8.73	10.6	13.2	17.6	21.2	26.5
Injection plunger diameter	inch	4.13	4.53	4.53	4.92	4.92	5.51
Injection pressure	psi	31,175	26,100	29,870	25,230	23,200	23,925
Plunger stroke	inch	15.4		19.3		27.5	
Injection force	US ton	212		240		286	
Injection rate, calc.	inch <sup>3</sup> /s	11.6	14.0	12.5	15.0	12.5	15.9
Screw diameter	inch	2.17		2.56		2.95	
Screw length	L : D	10		10		10	
Screw speed	RPM	20 - 200		20 - 160		20 - 130	
Screw, torque, max.	ft-lb	1010		1430		1556	
Heating capacity, temp. units	KW	2 x 4.5		3 x 4.5		3 x 4.5	
Injection nozzle contact force	US ton	14.0		14.0		22.0	
Maximum strip dimensions	inch	2.25 x .4		2.75 x .5		3 x .6	

## Clamping Unit

Clamping force (option)	US ton	630 (705)	
Clamping stroke	inch	Fully hydraulic	
Opening force	US ton	10.6	
Opening stroke	inch	19.7-35.8	
Opening speed	inch/s	17.7	
Closing speed	inch/s	17.7	
Min/max mold height	inch	7.09	
Maximum daylight	inch	42.9	
Clearance between tie bars	inch	37.4 x 26.9	
Heating platens, std.(option)	inch	31.9 x 38.6 (31.9 x 43.3) (35.4 x 43.3)	

## Hydraulic core lifting device

Lifting force (retract)	US ton	11.0 (6.5)	
Stroke	inch	15.7	

## General Data

Pump drive	psi-g/min.-kW	3625 / 27.2 / 30	
Total connected load	kW	90	
Machine dimensions LxWxH	inch	70 x 139 x 158	
Oil tank capacity	gal.	80	
Weight	lb.	41,900	