



MODEL		UNIT	WIZ-310E					
INJECTION UNIT								
Injection unit code			i310			i390		
Screw diameter	mm		40	45	50	50	55	60
	in		1.6	1.8	2.0	2.0	2.2	2.4
Screw stroke	in		9.4	9.4	9.4	11.0	11.0	11.0
Theoretical Injection volume	in ³		18.4	23.3	28.7	33.6	4.6	48.3
Shot weight (PS)	g		277.8	351.5	433.7	504.6	612.3	728.6
	oz		9.8	12.4	15.3	17.8	21.6	25.7
STD SPEED	Max. Injection pressure	psi	39,826	32,003	26,313	35,558	29,869	24,891
		Mpa	275	221	181	245	206	172
	Max. Holding pressure	psi	35,843	28,802	23,682	32,003	26,882	22,402
		Mpa	247	199	163	221	185	154
	Injection rate	in ³ /sec	11.5	14.6	18.0	18.0	21.7	25.9
	Injection speed	in/sec	5.9			5.9		
HIGH SPEED	Max. Injection pressure	psi	39,826	32,003	26,313	35,558	29,869	24,891
		Mpa	275	221	181	245	206	172
	Max. Holding pressure	psi	35,843	28,802	23,682	32,003	26,882	22,402
		Mpa	247	199	163	221	185	154
	Injection rate	in ³ /sec	15.3	19.4	24.0	24.0	29.0	34.5
	Injection speed	in/sec	7.9			7.9		
Plasticizing capacity (PS)	lbs/h		156.5	205.0	297.6	297.6	381.4	480.6
Screw speed	rpm		~ 250			~ 250		
CLAMPING UNIT								
Clamping force	US ton		308.6					
Tie bar clearance (H x V)	in		25.2 x 25.2					
Platen dimension (H x V)	in		36.8 x 38.2					
Clamping stroke	in		21.7					
Daylight	in		46.5					
Mold thickness	in		11.8 ~ 24.8					
Ejector stroke	in		5.9					
Ejector force	US ton		5.1					
GENERAL								
Heater capacity	kw		14.3	16.2	17.5	17.5	21.1	21.5
Machine weight	lbs		31,967			35,274		
Machine dimension (L x W x H)	ft		22.6 x 5.6 x 6.5					

• Due to continuous improvements, we reserve the right to amend any of the above specifications without prior notice.