



MODEL		UNIT	WIZ-190E					
INJECTION UNIT								
Injection unit code			i190			i240		
Screw diameter	mm		32	36	40	36	40	45
	in		1.3	1.4	1.6	1.4	1.6	1.8
Screw stroke	in		6.3	7.1	7.1	6.0	7.1	7.1
Theoretical Injection volume	in ³		7.9	11.2	13.8	7.9	11.2	13.8
Shot weight (PS)	g		119.1	170.1	207.0	170.1	255.1	323.2
	oz		4.2	6.0	7.3	6.0	9.0	11.4
STD SPEED	Max. Injection pressure	psi	35,132	27,736	22,473	36,839	29,869	23,611
		Mpa	242	191	155	254	206	163
	Max. Holding pressure	psi	31,619	24,962	20,226	33,155	26,882	21,250
		Mpa	218	172	139	229	185	147
	Injection rate	in ³ /sec	7.4	9.3	11.5	9.3	11.5	14.6
	Injection speed	in/sec	5.9			5.9		
HIGH SPEED	Max. Injection pressure	psi	35,132	27,736	22,473	39,114	32,003	25,602
		Mpa	242	191	155	270	221	177
	Max. Holding pressure	psi	31,619	24,962	20,226	35,203	28,802	23,042
		Mpa	218	172	139	243	199	159
	Injection rate	in ³ /sec	9.8	12.4	15.3	12.4	15.3	19.4
	Injection speed	in/sec	7.9			7.9		
Plasticizing capacity (PS)	lbs/h		114.6	163.1	218.3	141.1	187.4	244.7
Screw speed	rpm		~ 350			~ 300		
CLAMPING UNIT								
Clamping force	US ton		187.4					
Tie bar clearance (H x V)	in		20.1 x 20.1					
Platen dimension (H x V)	in		28.3 x 28.7					
Clamping stroke	in		15.7					
Daylight	in		35.4					
Mold thickness	in		9.8 ~ 19.7					
Ejector stroke	in		4.7					
Ejector force	US ton		3.9					
GENERAL								
Heater capacity	kw		12.8	14.6	14.3	14.6	14.3	16.2
Machine weight	lbs		16,535			19,800		
Machine dimension (L x W x H)	ft		17.8 x 4.6 x 6.1					

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