



MODEL		UNIT	WIZ-120E					
INJECTION UNIT								
Injection unit code			i120			i190		
Screw diameter	mm		28	32	36	32	36	40
	in		1.1	1.3	1.4	1.3	1.4	1.6
Screw stroke	in		5.5	6.3	6.3	6.3	7.1	7.1
Theoretical Injection volume	in ³		5.2	7.9	9.9	7.9	11.2	13.8
Shot weight (PS)	g		79.4	119.1	150.3	119.1	170.1	207.0
	oz		2.8	4.2	5.3	4.2	6.0	7.3
STD SPEED	Max. Injection pressure	psi	34,278	26,313	20,756	35,132	27,736	22,473
		Mpa	236	181	143	242	191	155
	Max. Holding pressure	psi	30,851	23,682	18,690	31,619	24,962	20,226
		Mpa	213	163	129	218	172	139
	Injection rate	in ³ /sec	7.5	9.8	12.4	7.4	9.3	11.5
	Injection speed	in/sec	7.9			5.9		
HIGH SPEED	Max. Injection pressure	psi	34,278	26,313	20,766	35,132	27,736	22,473
		Mpa	236	181	143	242	191	155
	Max. Holding pressure	psi	30,851	23,682	18,690	31,619	24,962	20,226
		Mpa	213	163	129	218	172	139
	Injection rate	in ³ /sec	11.3	14.7	18.6	9.8	12.4	15.3
	Injection speed	in/sec	11.8			7.9		
Plasticizing capacity (PS)	lbs/h		103.6	130.1	187.4	114.6	163.1	218.3
Screw speed	rpm		~ 400			~ 350		
CLAMPING UNIT								
Clamping force	US ton		121.3					
Tie bar clearance (H x V)	in		16.5 x 16.5					
Platen dimension (H x V)	in		23.6 x 24.4					
Clamping stroke	in		13.8					
Daylight	in		29.9					
Mold thickness	in		7.9 ~ 16.1					
Ejector stroke	in		4.7					
Ejector force	US ton		2.8					
GENERAL								
Heater capacity	kw		10.0	12.8	14.6	12.8	14.6	14.3
Machine weight	lbs		12,125			14,330		
Machine dimension (L x W x H)	ft		16.1 x 4.0 x 5.5					

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