



MODEL		UNIT	WIZ-90E					
INJECTION UNIT								
Injection unit code			i90			i120		
Screw diameter	mm		25	28	32	28	32	36
	in		1.0	1.1	1.3	1.1	1.3	1.4
Screw stroke	in		5.5	5.5	5.5	5.5	6.3	6.3
Theoretical Injection volume	in ³		4.2	5.2	6.9	5.2	7.9	9.9
Shot weight (PS)	g		62.4	79.4	104.9	79.4	119.1	150.3
	oz		2.2	2.8	3.7	2.8	4.2	5.3
STD SPEED	Max. Injection pressure	psi	35,701	28,447	21,762	34,278	26,313	20,756
		Mpa	246	196	150	236	181	143
	Max. Holding pressure	psi	32,131	25,602	19,586	30,851	23,682	18,690
		Mpa	222	177	135	213	163	129
	Injection rate	in ³ /sec	6.0	7.5	9.8	7.5	9.8	12.4
	Injection speed	in/sec	7.9			7.9		
HIGH SPEED	Max. Injection pressure	psi	35,701	28,447	21,762	34,278	26,313	20,766
		Mpa	246	196	150	236	181	143
	Max. Holding pressure	psi	32,131	25,602	19,586	30,851	23,682	18,690
		Mpa	222	177	135	213	163	129
	Injection rate	in ³ /sec	9.0	11.3	14.7	11.3	14.7	18.6
	Injection speed	in/sec	11.8			11.8		
Plasticizing capacity (PS)	lbs/h		79.4	103.6	130.1	103.6	130.1	187.4
Screw speed	rpm		~ 400			~ 400		
CLAMPING UNIT								
Clamping force	US ton		88.2					
Tie bar clearance (H x V)	in		14.2 x 14.2					
Platen dimension (H x V)	in		21.9 x 21.9					
Clamping stroke	in		11.8					
Daylight	in		25.6					
Mold thickness	in		5.9 ~ 13.8					
Ejector stroke	in		2.8					
Ejector force	US ton		2.2					
GENERAL								
Heater capacity	kw		8.4	10.0	12.8	10.0	12.8	14.6
Machine weight	lbs		8,819			10,400		
Machine dimension (L x W x H)	ft		13.5 x 3.3 x 5.4					

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