



MODEL		UNIT	WIZ-55E					
INJECTION UNIT								
Injection unit code			i55			i90		
Screw diameter	mm		22	25	28	25	28	32
	in		0.9	1.0	1.1	1.0	1.1	1.3
Screw stroke	in		4.3	4.7	4.7	5.5	5.5	5.5
Theoretical Injection volume	in ³		2.6	3.6	4.5	4.2	5.2	6.9
Shot weight (PS)	g		36.9	53.9	68.0	62.4	79.4	104.9
	oz		1.3	1.9	2.4	2.2	2.8	3.7
STD SPEED	Max. Injection pressure	psi	36,696	28,447	27,167	35,701	28,447	21,762
		Mpa	253	196	187	246	196	150
	Max. Holding pressure	psi	33,027	25,602	24,450	32,131	25,602	19,586
		Mpa	228	177	169	222	177	135
	Injection rate	in ³ /sec	4.6	6.0	7.5	6.0	7.5	9.8
	Injection speed	in/sec	7.9			7.9		
HIGH SPEED	Max. Injection pressure	psi	36,696	28,447	27,167	35,701	28,447	21,762
		Mpa	253	196	187	246	196	150
	Max. Holding pressure	psi	33,027	25,602	24,450	32,131	25,602	19,586
		Mpa	228	177	169	222	177	135
	Injection rate	in ³ /sec	7.0	9.0	9.4	9.0	11.3	14.7
	Injection speed	in/sec	11.8			11.8		
Plasticizing capacity (PS)	lbs/h		72.8	99.2	130.1	79.4	103.6	130.1
Screw speed	rpm		~ 500			~ 400		
CLAMPING UNIT								
Clamping force	US ton		55.1					
Tie bar clearance (H x V)	in		13.2 x 13.2					
Platen dimension (H x V)	in		18.5 x 18.9					
Clamping stroke	in		10.6					
Daylight	in		23.2					
Mold thickness	in		5.9 x 12.6					
Ejector stroke	in		2.8					
Ejector force	US ton		2.2					
GENERAL								
Heater capacity	kw		5.3	8.4	10.0	8.4	10.0	12.8
Machine weight	lbs		6,173			7,490		
Machine dimension (L x W x H)	ft		12.1 x 3.4 x 4.8					

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