



MODEL		UNIT	WIZ-500E					
INJECTION UNIT								
Injection unit code			i500			i610		
Screw diameter	mm		65	70	80	70	75	85
	in		2.6	2.8	3.1	2.8	3.0	3.3
Screw stroke	in		15.2	15.2	15.2	16.5	16.5	16.5
Theoretical Injection volume	in ³		78.0	90.4	118.1	98.6	113.3	145.4
Shot weight (PS)	g		1173.7	1363.6	1780.4	1485.5	1706.6	2194.3
	oz		41.4	48.1	62.8	52.5	60.2	77.4
STD SPEED	Max. Injection pressure	psi	30,580	26,598	20,339	32,714	28,447	22,757
		Mpa	211	183	140	226	196	157
	Max. Holding pressure	psi	27,522	23,938	18,306	29,442	25,602	20,482
		Mpa	197	172	131	211	184	147
	Injection rate	in ³ /sec	32.4	37.6	49.1	37.6	43.1	55.4
	Injection speed	in/sec	6.3			6.3		
HIGH SPEED	Max. Injection pressure	psi	30,580	26,598	20,339	32,714	28,447	22,757
		Mpa	211	183	140	226	196	157
	Max. Holding pressure	psi	27,522	23,938	18,306	29,442	25,602	20,482
		Mpa	197	172	131	211	184	147
	Injection rate	in ³ /sec	40.5	47.0	61.3	47.0	539.0	69.3
	Injection speed	in/sec	7.9			7.9		
Plasticizing capacity (PS)	lbs/h		474.0	564.4	793.7	564.4	714.3	961.2
Screw speed	rpm		~ 200			~ 200		
CLAMPING UNIT								
Clamping force	US ton		496.0					
Tie bar clearance (H x V)	in		32.7 x 32.7					
Platen dimension (H x V)	in		47.2 x 47.2					
Clamping stroke	in		31.5					
Daylight	in		61.0					
Mold thickness	in		13.8 ~ 29.5					
Ejector stroke	in		7.1					
Ejector force	US ton		11.0					
GENERAL								
Heater capacity	kw		23.3			26.6		
Machine weight	lbs		61,729			65,587		
Machine dimension (L x W x H)	ft		32.1 x 7.2 x 7.1					

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