



MODEL		UNIT	WIZ-440E					
INJECTION UNIT								
Injection unit code			i440			i500		
Screw diameter	mm		55	60	65	65	70	80
	in		2.2	2.4	2.6	2.6	2.8	3.1
Screw stroke	in		10.6	10.6	10.6	15.2	15.2	15.2
Theoretical Injection volume	in ³		39.1	46.6	54.7	78.0	90.4	118.1
Shot weight (PS)	g		589.7	703.1	825.0	1173.7	1363.6	1780.4
	oz		20.8	24.8	29.1	41.4	48.1	62.8
STD SPEED	Max. Injection pressure	psi	36,981	31,291	26,313	30,580	26,598	20,339
		Mpa	255	216	181	211	183	140
	Max. Holding pressure	psi	33,283	28,162	23,682	27,522	23,938	18,306
		Mpa	229	194	163	197	172	131
	Injection rate	in ³ /sec	24.7	29.4	34.4	32.4	37.6	49.1
	Injection speed	in/sec	6.7			6.3		
HIGH SPEED	Max. Injection pressure	psi	36,981	31,291	26,313	30,580	26,598	20,339
		Mpa	255	216	181	211	183	140
	Max. Holding pressure	psi	33,283	28,162	23,682	27,522	23,938	18,306
		Mpa	229	194	163	197	172	131
	Injection rate	in ³ /sec	29.0	34.5	40.5	40.5	47.0	61.3
	Injection speed	in/sec	7.9			7.9		
Plasticizing capacity (PS)	lbs/h		335.1	423.3	522.5	474.0	564.4	793.7
Screw speed	rpm		~ 220			~ 200		
CLAMPING UNIT								
Clamping force	US ton		440.9					
Tie bar clearance (H x V)	in		30.3 x 28.3					
Platen dimension (H x V)	in		44.5 x 42.1					
Clamping stroke	in		27.6					
Daylight	in		57.1					
Mold thickness	in		13.8 ~ 29.5					
Ejector stroke	in		5.9					
Ejector force	US ton		8.8					
GENERAL								
Heater capacity	kw		24.3			23.3		
Machine weight	lbs		39,683			48,170		
Machine dimension (L x W x H)	ft		25.6 x 6.8 x 7.2					

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