

SPECIFICATION, 60HZ

ITEM	Unit	IDE1000EN			IDE1000EN			IDE1000EN		
		i 54			i 90			i 115		
Injection Unit Code		Y	A	B	Y	A	B	Y	A	B
INJECTION UNIT										
Screw Code		85	90	100	100	105	115	105	115	125
Screw Diameter	mm									
Injection Capacity Calculated	cm ³	2808	3140	3880	4535	5000	5990	5476	6570	7760
Injection Capacity	PS	2584	2890	3570	4170	4600	5500	5038	6040	7140
	PE	91.1	102	126	147	162.2	194	117.7	213	251.8
Injection Pressure	g	2050	2290	2830	3310	3650	4370	3998	4790	5660
Injection Rate	OZ	72.3	80.7	99.8	116.7	128.7	154.2	141.0	169	199.6
Plasticizing Capacity (PS)	kg/cm ²	1935	1720	1400	1950	1770	1475	2090	1740	1470
Max. Screw Speed	cm ³ /sec	827	927	1145	820	904	1085	766	919	1085
	kg/hr	340	390	420	420	510	560	510	560	630
	rpm	150/123	140/123	127/123	127/90	120/90	110/90	120/90	110/90	94/75/63
CLAMPING UNIT										
Clamping Force	ton	987								
Mold Opening Force	ton	68								
Distance Between Tie-rods	mm	1270 x 1270								
Die Plate dimension (H x V)	mm	1800 x 1800								
Clamping Stroke	mm	1750								
Daylight	without spacer	2250								
	with spacer									
Minimum Mold Thickness	without spacer	500								
	with spacer									
Mold Closing Speed	High	40								
	Low	2.4								
Mold Opening Speed	High	30								
	Low	1.1								
Ejector Force	ton	24.7								
Ejector Stroke	mm	250								
Utilized Oil Quantity	ℓ	3500								
Electric Motor	Kw	37 +37 + 37								
Electric Heater	Kw	40.0	44.8	53.6	56.3	58.7	60.5	66		
Machine Dimension (LxWxH)	m	12.7 x 2.8 x 2.8								
Machine Weight	ton	56								
GENERAL										
		12.7 x 2.8 x 3.1								
		60								

SPECIFICATION, 60HZ

ITEM	Unit	IDE650EN			IDE650EN			IDE650EN			IDE850EN			IDE850EN			IDE850EN		
		i 33			i 54			i 90			i 54			i 90			i 115		
Injection Unit Code		Y	A	B	Y	A	B	Y	A	B	Y	A	B	Y	A	B	Y	A	B
Screw Code		70	75	85	85	90	100	100	105	115	100	90	100	100	105	115	105	115	125
Screw Diameter	mm																		
Injection Capacity Calculated	cm ³ /hr	1587	1820	2330	2808	3140	3880	3880	5000	5990	2808	3140	3880	4535	5000	5990	5476	6570	7760
Injection Capacity	g	1460	1670	2150	2584	2890	3570	3570	4600	5500	2584	2890	3570	4170	4600	5500	5038	6040	7140
Injection Pressure	OZ	51.5	59	75.8	91.1	102	126	126	162.2	194	91.1	102	126	147	162.2	194	117.7	213	251.8
Injection Rate	g	1159	1330	1700	2050	2290	2830	2830	3650	4370	2050	2290	2830	3310	3650	4370	3998	4790	5660
Plasticizing Capacity (PS)	OZ	40.8	47	60	72.3	80.7	99.8	99.8	128.7	154.2	72.3	80.7	99.8	116.7	128.7	154.2	141.0	169	199.6
Max. Screw Speed	kg/cm ²	2055	1790	1400	1935	1720	1400	1400	1770	1475	1935	1720	1400	1950	1770	1475	2090	1740	1470
	cm ³ /sec	581	667	857	617	692	855	855	612	675	827	927	1145	820	904	1085	766	919	1085
	kg/hr	245	290	340	340	390	420	420	420	510	340	390	420	420	510	560	510	560	630
	rpm	180	170	150/140	150/92	140/92	127/92	127/92	127/70	120/70	150/123	140/123	127/123	127/90	120/90	110/90	120/90	110/90	94/75/63
Clamping Force	ton	650																	
Mold Opening Force	ton	40																	
Distance Between Tie-rods	mm	980 x 980																	
Die Plate dimension (H x V)	mm	1420 x 1420																	
Clamping Stroke	mm	1350																	
Daylight	mm	without spacer																	
Minimum	mm	with spacer																	
Mold Thickness	mm	without spacer																	
Mold Closing	m/min	with spacer																	
Speed	m/min	High																	
Mold Opening	m/min	Low																	
Speed	m/min	High																	
Ejector Force	ton	Low																	
Ejector Stroke	mm	1.7																	
Utilized Oil Quantity	ℓ	21.5																	
Electric Motor	Kw	200																	
Electric Heater	Kw	2300																	
Machine Dimension (LxWxH)	m	45 + 45																	
Machine Weight	ton	37																	
		34																	
		35																	
		51																	
		54																	
		58																	

INJECTION UNIT

CLAMPING UNIT

GENERAL