

Specification



MZ5500V-2250

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ5500 V / 2250
Clamping Force	kN	5500
	US Tons	618
Mold Opening Stroke	mm	900
	in.	35.43
Minimum Mold Height	mm	400
	in.	15.75
Maximum Mold Height	mm	880
	in.	34.65
Maximum Daylight	mm	1780
	in.	70.08
Distance Between Tie-Bars (HXV)	mm	970x970
	in.	38.19x38.19
Platen Dimensions (HXV)	mm	1320x1320
	in.	51.97x51.97
Minimum Mold Size	mm	630x630
	in.	24.8x24.8
Ejector Stroke	mm	180
	in.	7.09
Ejector Force	kN	154
	US Tons	17

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INJECTION UNIT		2250		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	65	70	80
	in.	2.56	2.76	3.15
Screw L/D Ratio	L/D	21.5	20	17.5
Injection Volume (theoretical)	cm ³	1068	1239	1618
	cu.in.	65.17	75.61	98.74
Injection Weight (PS)	g	972	1127	1472
	oz.	34.29	39.75	51.92
Injection Pressure	MPa	210	180	138
	psi	30458	26107	20015
Holding Pressure	MPa	190	162	124
	psi	27557	23496	17985
Screw Speed	rpm	240	240	240
Plasticizing Rate (GPPS)	g/s	62	71	88
	oz./s	2.19	2.50	3.10
Plasticizing Rate (HDPE)	g/s	93	111	132
	oz./s	3.28	3.92	4.66
Nozzle Contact Force MZ	kN	85	85	85
	US Tons	9.55	9.55	9.55
Injection Unit Standard		2250		
Injection Speed	mm/s	160		
	in./s	6.3		
Injection Rate (PS)	g/s	463	537	702
	oz./s	16.33	18.94	24.76
Injection Unit High Speed		2250h		
Injection Speed	mm/s	250		
	in./s	9.84		
Injection Rate (PS)	g/s	723	839	1097
	oz./s	25.50	29.59	38.70

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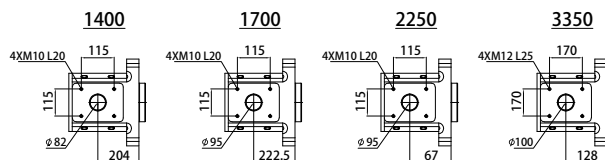
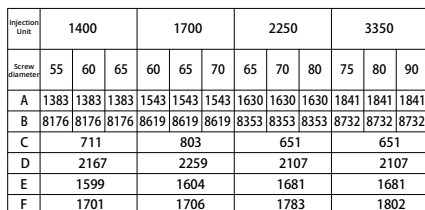
OTHER		
Heating Power	kW	36.1
Connection Power	kW/A	2250:65/109 2250h:89/150
Machine Dimension (LxWxH)	m	8.48x2.29x2.50
	in.	334x90x98
Machine Weight MZ	t	28.55
	lbs.	62942
Hopper Capacity	l	50
	gal	13
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	204
	gal/min	54
Oil Tank Size	l	284
	gal	75

*NOTE:

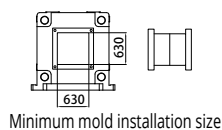
1. Machine dimensions and weights are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

2. Power requirements are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

Machine Dimensions



Platen Dimensions



Platen

