

Specification



MZ6500V-3350

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ6500 V / 3350
Clamping Force	kN	6500
	US Tons	731
Mold Opening Stroke	mm	1000
	in.	39.37
Minimum Mold Height	mm	420
	in.	16.54
Maximum Mold Height	mm	1000
	in.	39.37
Maximum Daylight	mm	2000
	in.	78.74
Distance Between Tie-Bars (HXV)	mm	1080x1080
	in.	42.52x42.52
Platen Dimensions (HXV)	mm	1460x1460
	in.	57.48x57.48
Minimum Mold Size	mm	700x700
	in.	27.56x27.56
Ejector Stroke	mm	200
	in.	7.87
Ejector Force	kN	196
	US Tons	22

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INJECTION UNIT		3350		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	75	80	90
	in.	2.95	3.15	3.54
Screw L/D Ratio	L/D	21.3	20	17.8
Injection Volume (theoretical)	cm ³	1634	1859	2353
	cu.in.	99.71	113.44	143.59
Injection Weight (PS)	g	1487	1692	2141
	oz.	52.45	59.68	75.52
Injection Pressure	MPa	205	180	142
	psi	29733	26107	20595
Holding Pressure	MPa	185	162	128
	psi	26832	23496	18565
Screw Speed	rpm	220	220	220
Plasticizing Rate (GPPS)	g/s	70	92	105
	oz./s	2.47	3.25	3.70
Plasticizing Rate (HDPE)	g/s	105	141	165
	oz./s	3.70	4.97	5.82
Nozzle Contact Force MZ	kN	85	85	85
	US Tons	9.55	9.55	9.55
Injection Unit Standard		3350		
Injection Speed	mm/s	160		
	in./s	6.3		
Injection Rate (PS)	g/s	617	702	889
	oz./s	21.76	24.76	31.36

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OTHER		
Heating Power	kW	42.6
Connection Power	kW/A	83/138
Machine Dimension (LxWxH)	m	9.70x2.44x2.70
	in.	382x96x106
Machine Weight MZ	t	34.4
	lbs.	75839
Hopper Capacity	l	100
	gal	26
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	252
	gal/min	67
Oil Tank Size	l	353
	gal	93

*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.

