

Specification



MZ4500V-3350

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ4500 V / 3350
Clamping Force	kN	4500
	US Tons	506
Mold Opening Stroke	mm	800
	in.	31.5
Minimum Mold Height	mm	350
	in.	13.78
Maximum Mold Height	mm	810
	in.	31.89
Maximum Daylight	mm	1610
	in.	63.39
Distance Between Tie-Bars (HXV)	mm	910x910
	in.	35.83x35.83
Platen Dimensions (HXV)	mm	1250x1250
	in.	49.21x49.21
Minimum Mold Size	mm	590x590
	in.	23.23x23.23
Ejector Stroke	mm	180
	in.	7.09
Ejector Force	kN	98
	US Tons	11

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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	8.22x2.15x2.51
	in.	324x85x99
Machine Weight MZ	t	24.67
	lbs.	54388
Hopper Capacity	l	100
	gal	26
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	141
	gal/min	37
Oil Tank Size	l	193
	gal	51

*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.

