

Specification



MZ5500V-3350

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ5500 V / 3350
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		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	8.74x2.29x2.50
	in.	344x90x98
Machine Weight MZ	t	28.64
	lbs.	63140
Hopper Capacity	l	100
	gal	26
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	204
	gal/min	54
Oil Tank Size	l	284
	gal	75

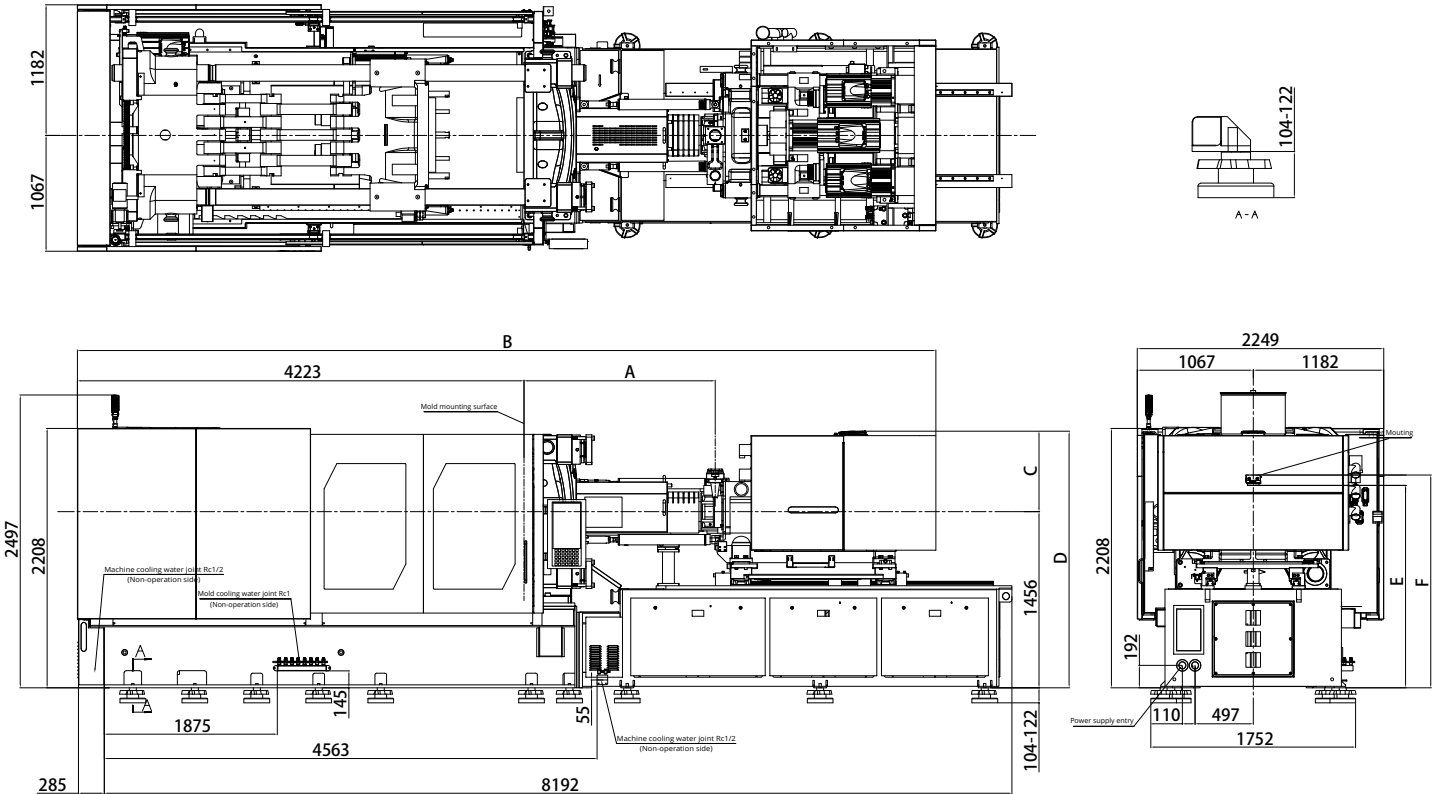
*NOTE:

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.

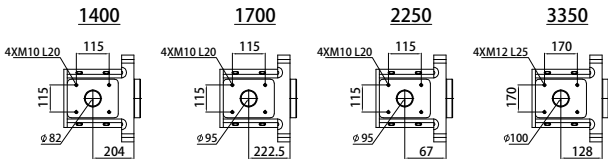
2. Power requirements are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

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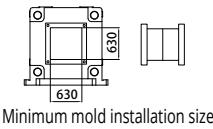
Machine Dimensions



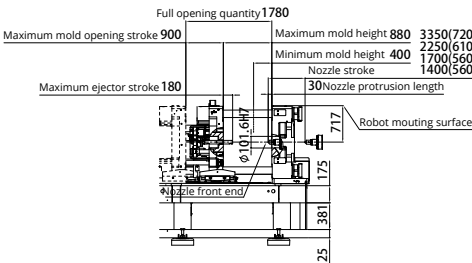
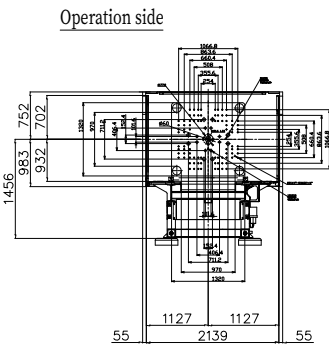
Injection Unit	1400			1700			2250			3350		
Screw diameter	55	60	65	60	65	70	65	70	80	75	80	90
A	1383	1383	1383	1543	1543	1543	1630	1630	1630	1841	1841	1841
B	8176	8176	8176	8619	8619	8619	8353	8353	8353	8732	8732	8732
C	711	711	711	803	803	803	651	651	651	651	651	651
D	2167	2167	2167	2259	2259	2259	2107	2107	2107	2107	2107	2107
E	1599	1599	1599	1604	1604	1604	1681	1681	1681	1681	1681	1681
F	1701	1701	1701	1706	1706	1706	1783	1783	1783	1783	1783	1783



Platen Dimensions



Platen



Fixed Platen

