

Specification



MZ3600V-2250

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ3600 V / 2250
Clamping Force	kN	3600
	US Tons	405
Mold Opening Stroke	mm	730
	in.	28.74
Minimum Mold Height	mm	320
	in.	12.6
Maximum Mold Height	mm	710
	in.	27.95
Maximum Daylight	mm	1440
	in.	56.69
Distance Between Tie-Bars (HXV)	mm	820x820
	in.	32.28x32.28
Platen Dimensions (HXV)	mm	1140x1140
	in.	44.88x44.88
Minimum Mold Size	mm	540x540
	in.	21.26x21.26
Ejector Stroke	mm	160
	in.	6.3
Ejector Force	kN	68.6
	US Tons	8

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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	210	210	210
Plasticizing Rate (GPPS)	g/s	62	71	80
	oz./s	2.19	2.50	2.82
Plasticizing Rate (HDPE)	g/s	93	111	125
	oz./s	3.28	3.92	4.41
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	7.57x1.99x2.48
	in.	298x78x98
Machine Weight MZ	t	18.78
	lbs.	41403
Hopper Capacity	l	50
	gal	13
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	90
	gal/min	24
Oil Tank Size	l	126
	gal	33

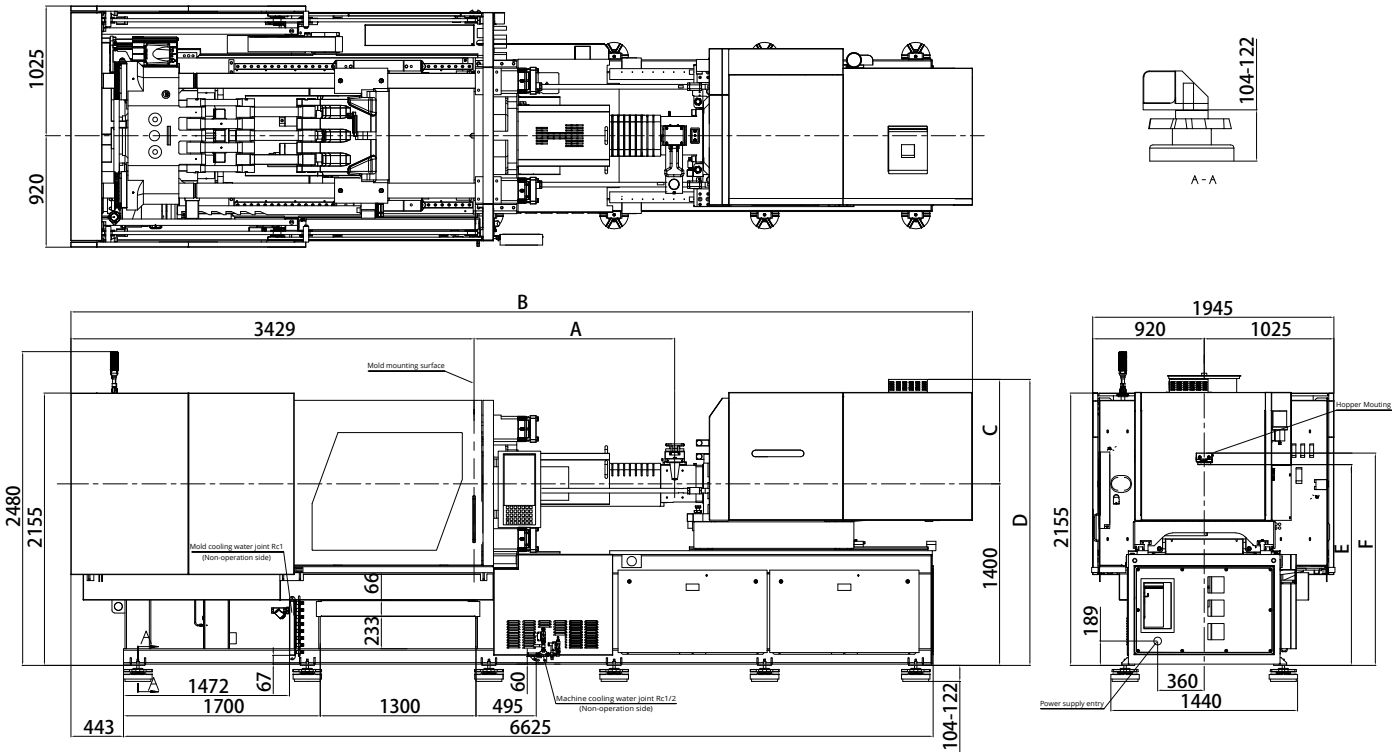
*NOTE:

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.

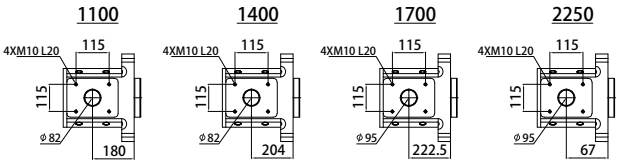
MZ3600 Series

Machine Dimensions

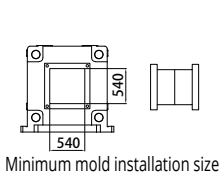


Note:The above machine size does not apply to the 2250 injection unit.

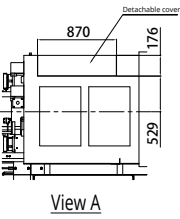
Injection Unit	1100			1400			1700			2250		
Screw diameter	50	55	60	55	60	65	60	65	70	65	70	80
A	1295	1295	1295	1383	1383	1383	1543	1543	1543	1630	1630	1630
B	7264	7264	7264	7342	7342	7342	7825	7825	7825	7560	7560	7560
C	740			711			803			689		
D	2140			2111			2203			2165		
E	1543			1543			1548			1701		
F	1645			1645			1650			1803		



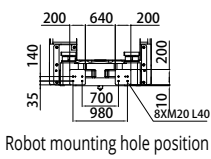
Platen Dimensions



Platen



Fixed Platen



Robot mounting hole position

