

Specification



MZ2300V-640

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ2300 V / 640
Clamping Force	kN	2300
	US Tons	259
Mold Opening Stroke	mm	550
	in.	21.65
Minimum Mold Height	mm	220
	in.	8.66
Maximum Mold Height	mm	600
	in.	23.62
Maximum Daylight	mm	1150
	in.	45.28
Distance Between Tie-Bars (HXV)	mm	620x620
	in.	24.41x24.41
Platen Dimensions (HXV)	mm	880x880
	in.	34.65x34.65
Minimum Mold Size	mm	400x400
	in.	15.75x15.75
Ejector Stroke	mm	150
	in.	5.91
Ejector Force	kN	55
	US Tons	6

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INJECTION UNIT		640		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	40	45	50
	in.	1.57	1.77	1.97
Screw L/D Ratio	L/D	22.5	20	18
Injection Volume (theoretical)	cm ³	252	319	394
	cu.in.	15.38	19.47	24.04
Injection Weight (PS)	g	229	290	358
	oz.	8.08	10.23	12.63
Injection Pressure	MPa	253	200	162
	psi	36695	29008	23496
Holding Pressure	MPa	202	160	130
	psi	29298	23206	18855
Screw Speed	rpm	350	350	350
Plasticizing Rate (GPPS)	g/s	27	39	50
	oz./s	0.95	1.38	1.76
Plasticizing Rate (HDPE)	g/s	-	-	-
	oz./s	-	-	-
Nozzle Contact Force MZ	kN	65	65	65
	US Tons	7.31	7.31	7.31
Injection Unit Standard		640		
Injection Speed	mm/s	160		
	in./s	6.3		
Injection Rate (PS)	g/s	175	222	274
	oz./s	6.17	7.83	9.67
Injection Unit High Speed		640h		
Injection Speed	mm/s	250		
	in./s	9.84		
Injection Rate (PS)	g/s	274	347	428
	oz./s	9.67	12.24	15.10
Injection Unit Ultra High Speed		640hs		
Injection Speed	mm/s	350		
	in./s	13.78		
Injection Rate (PS)	g/s	384	486	600
	oz./s	13.55	17.14	21.16

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OTHER		
Heating Power	kW	14.8
Connection Power	kW/A	640:28/47 640h:32/53 640hs:49/82
Machine Dimension (LxWxH)	m	6.15x1.64x2.39
	in.	242x65x94
Machine Weight MZ	t	9.9
	lbs.	21826
Hopper Capacity	l	25
	gal	7
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	79
	gal/min	21
Oil Tank Size	l	104
	gal	27

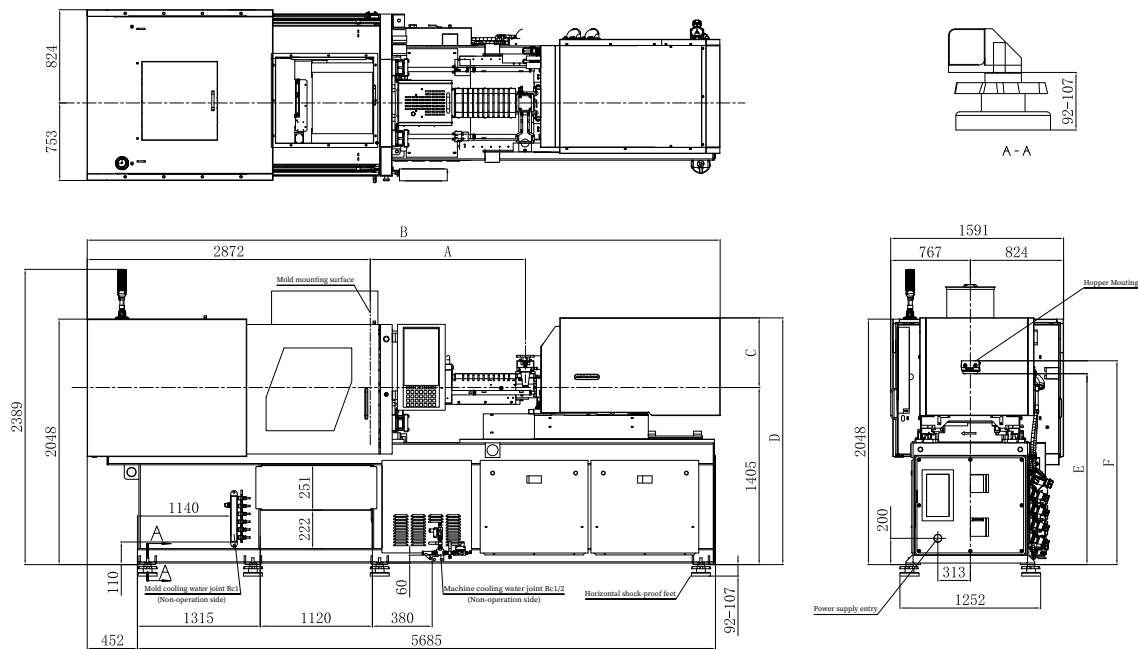
*NOTE:

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.

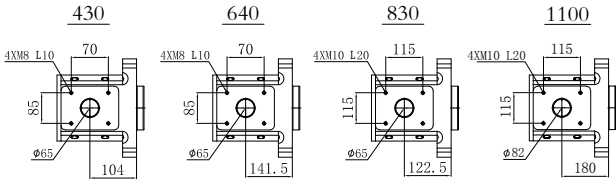
2. Power requirements are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

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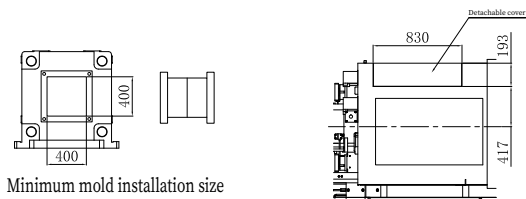
Machine Dimensions



Injection Unit	430			640			830			1100		
Screw diameter	36	40	45	40	45	50	45	50	55	50	55	60
A	1008	1008	1008	1068	1068	1068	1181	1181	1181	1295	1295	1295
B	6020	6020	6020	6128	6128	6128	6431	6431	6431	6707	6707	6707
C	573			573			711			740		
D	1978			1978			2116			2145		
E	1540			1530			1558			1548		
F	1629			1619			1660			1650		

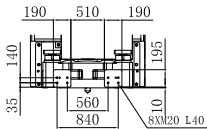


Platen Dimensions



Platen

Fixed Platen



Robot mounting hole position

