

Specification



MZ2300V-830

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ2300 V / 830
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		830		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	45	50	55
	in.	1.77	1.97	2.17
Screw L/D Ratio	L/D	22.2	20	18
Injection Volume (theoretical)	cm ³	333	412	498
	cu.in.	20.32	25.14	30.39
Injection Weight (PS)	g	304	375	454
	oz.	10.72	13.23	16.01
Injection Pressure	MPa	247	200	165
	psi	35824	29008	23931
Holding Pressure	MPa	197	160	132
	psi	28572	23206	19145
Screw Speed	rpm	320	320	320
Plasticizing Rate (GPPS)	g/s	35	46	60
	oz./s	1.23	1.62	2.12
Plasticizing Rate (HDPE)	g/s	-	-	-
	oz./s	-	-	-
Nozzle Contact Force MZ	kN	85	85	85
	US Tons	9.55	9.55	9.55
Injection Unit Standard		830		
Injection Speed	mm/s	160		
	in./s	6.3		
Injection Rate (PS)	g/s	222	274	332
	oz./s	7.83	9.67	11.71
Injection Unit High Speed		830h		
Injection Speed	mm/s	250		
	in./s	9.84		
Injection Rate (PS)	g/s	347	428	518
	oz./s	12.24	15.10	18.27
Injection Unit Ultra High Speed		830hs		
Injection Speed	mm/s	350		
	in./s	13.78		
Injection Rate (PS)	g/s	486	600	726
	oz./s	17.14	21.16	25.61

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OTHER		
Heating Power	kW	20.2
Connection Power	kW/A	830:34/58
		830h:38/65
		830hs:58/98
Machine Dimension (LxWxH)	m	6.44x1.64x2.39
	in.	254x65x94
Machine Weight MZ	t	10.64
	lbs.	23457
Hopper Capacity	l	50
	gal	13
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	79
	gal/min	21
Oil Tank Size	l	104
	gal	27

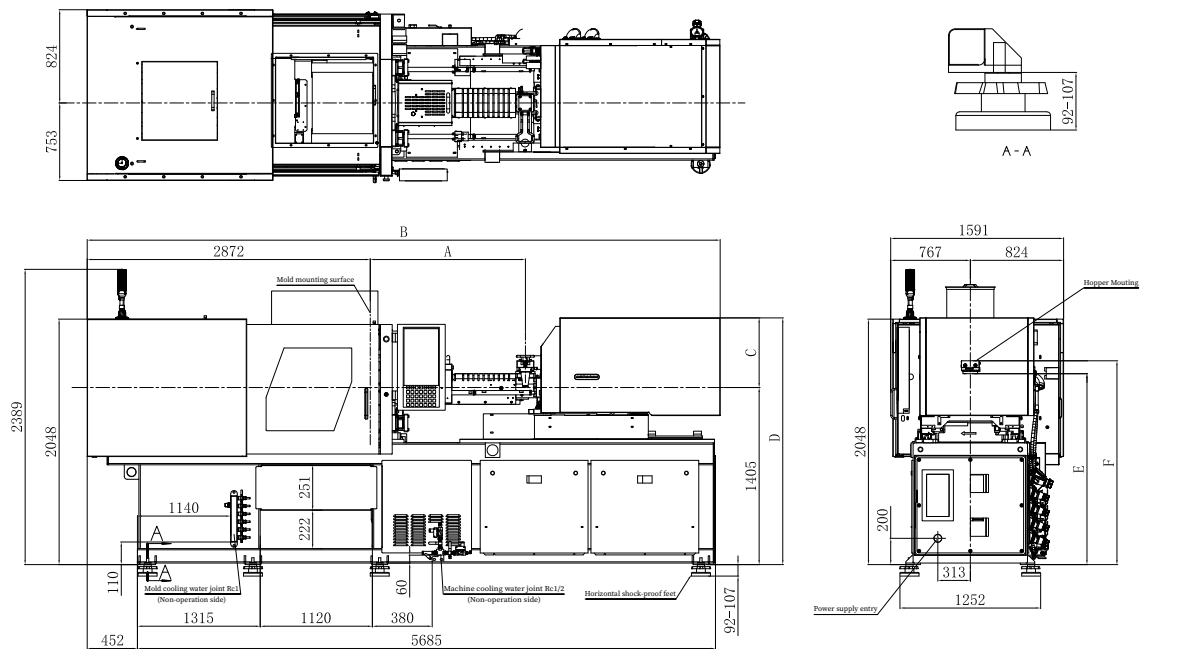
*NOTE:

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.

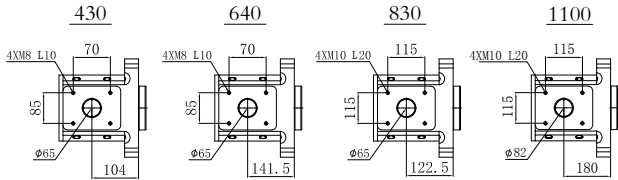
2. Power requirements are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

MZ2300 Series

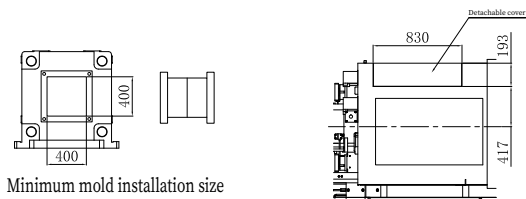
Machine Dimensions



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		

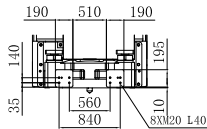


Platen Dimensions



Platen

Fixed Platen



Robot mounting hole position

