

Specification



MZ1200V-160

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ1200 V / 160
Clamping Force	kN	1200
	US Tons	135
Mold Opening Stroke	mm	360
	in.	14.17
Minimum Mold Height	mm	150
	in.	5.91
Maximum Mold Height	mm	480
	in.	18.9
Maximum Daylight	mm	840
	in.	33.07
Distance Between Tie-Bars (HXV)	mm	470x470
	in.	18.5x18.5
Platen Dimensions (HXV)	mm	640x640
	in.	25.2x25.2
Minimum Mold Size	mm	305x305
	in.	12.01x12.01
Ejector Stroke	mm	100
	in.	3.94
Ejector Force	kN	33
	US Tons	4

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INJECTION UNIT		160		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	26	28	30
	in.	1.02	1.10	1.18
Screw L/D Ratio	L/D	22	21	19
Injection Volume (theoretical)	cm ³	58	67	77
	cu.in.	3.54	4.09	4.70
Injection Weight (PS)	g	52	61	70
	oz.	1.83	2.15	2.47
Injection Pressure	MPa	260	220	192
	psi	37710	31908	27847
Holding Pressure	MPa	160	138	120
	psi	23206	20015	17405
Screw Speed	rpm	400	400	400
Plasticizing Rate (GPPS)	g/s	8.8	11	13
	oz./s	0.31	0.39	0.46
Plasticizing Rate (HDPE)	g/s	-	-	-
	oz./s	-	-	-
Nozzle Contact Force MZ	kN	26	26	26
	US Tons	2.92	2.92	2.92
Injection Unit Standard		160		
Injection Speed	mm/s	200		
	in./s	7.87		
Injection Rate (PS)	g/s	92	107	123
	oz./s	3.25	3.77	4.34
Injection Unit High Speed		160h		
Injection Speed	mm/s	350		
	in./s	13.78		
Injection Rate (PS)	g/s	162	188	216
	oz./s	5.71	6.63	7.62
Injection Unit Ultra High Speed		160hs		
Injection Speed	mm/s	500		
	in./s	19.69		
Injection Rate (PS)	g/s	231	268	308
	oz./s	8.15	9.45	10.86

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OTHER				
Heating Power	kW	7.5	7.5	7.5
Connection Power	kW/A		160:14/24 160h:18/30 160hs:24/41	
Machine Dimension (LxWxH)	m	4.81x1.36x2.11		
	in.	189x54x83		
Machine Weight MZ	t	4.78		
	lbs.	10538		
Hopper Capacity	l	15		
	gal	4		
Oil Pressure	MPa	17.5		
	psi	2538		
Oil Flow	l/min	48		
	gal/min	13		
Oil Tank Size	l	78		
	gal	21		

*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.

