

Specification



MZ1200V-210

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ1200 V / 210
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		210			
Screw & Barrel Designation		AA	A	B	C
Screw Diameter	mm	26	28	32	36
	in.	1.02	1.10	1.26	1.42
Screw L/D Ratio	L/D	21	21	21	18.6
Injection Volume (theoretical)	cm ³	61	70	100	127
	cu.in.	3.72	4.27	6.10	7.75
Injection Weight (PS)	g	55	64	91	115
	oz.	1.94	2.26	3.21	4.06
Injection Pressure	MPa	280	260	200	160
	psi	40611	37710	29008	23206
Holding Pressure	MPa	224	206	160	126
	psi	32488	29878	23206	18275
Screw Speed	rpm	400	400	400	400
Plasticizing Rate (GPPS)	g/s	8.5	11	16	19.4
	oz./s	0.30	0.39	0.56	0.68
Plasticizing Rate (HDPE)	g/s	-	-	-	-
	oz./s	-	-	-	-
Nozzle Contact Force MZ	kN	26	26	26	26
	US Tons	2.92	2.92	2.92	2.92
Injection Unit Standard		210			
Injection Speed	mm/s	200			
	in./s	7.87			
Injection Rate (PS)	g/s	92	107	140	177
	oz./s	3.25	3.77	4.94	6.24
Injection Unit High Speed		210h			
Injection Speed	mm/s	350			
	in./s	13.78			
Injection Rate (PS)	g/s	162	188	245	311
	oz./s	5.71	6.63	8.64	10.97
Injection Unit Ultra High Speed		210hs			
Injection Speed	mm/s	500			
	in./s	19.69			
Injection Rate (PS)	g/s	231	268	351	444
	oz./s	8.15	9.45	12.38	15.66

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OTHER					
Heating Power	kW	6.9	7.8	9.2	9.2
Connection Power	kW/A	210:16/26 210h:21/36 210hs:29/48			
Machine Dimension (LxWxH)	m	4.81x1.36x2.11			
	in.	189x54x83			
Machine Weight MZ	t	4.83			
	lbs.	10648			
Hopper Capacity	l	25			
	gal	7			
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.

