

Specification



MZ5500V-1700

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ5500 V / 1700
Clamping Force	kN	5500
	US Tons	618
Mold Opening Stroke	mm	900
	in.	35.43
Minimum Mold Height	mm	400
	in.	15.75
Maximum Mold Height	mm	880
	in.	34.65
Maximum Daylight	mm	1780
	in.	70.08
Distance Between Tie-Bars (HXV)	mm	970x970
	in.	38.19x38.19
Platen Dimensions (HXV)	mm	1320x1320
	in.	51.97x51.97
Minimum Mold Size	mm	630x630
	in.	24.8x24.8
Ejector Stroke	mm	180
	in.	7.09
Ejector Force	kN	154
	US Tons	17

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INJECTION UNIT		1700		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	60	65	70
	in.	2.36	2.56	2.76
Screw L/D Ratio	L/D	21.6	20	18.6
Injection Volume (theoretical)	cm ³	791	929	1077
	cu.in.	48.27	56.69	65.72
Injection Weight (PS)	g	720	845	980
	oz.	25.40	29.81	34.57
Injection Pressure	MPa	210	180	155
	psi	30458	26107	22481
Holding Pressure	MPa	187	160	138
	psi	27122	23206	20015
Screw Speed	rpm	250	250	250
Plasticizing Rate (GPPS)	g/s	57	68	72
	oz./s	2.01	2.40	2.54
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		1700		
Injection Speed	mm/s	160		
	in./s	6.3		
Injection Rate (PS)	g/s	395	463	537
	oz./s	13.93	16.33	18.94
Injection Unit High Speed		1700h		
Injection Speed	mm/s	250		
	in./s	9.84		
Injection Rate (PS)	g/s	617	724	840
	oz./s	21.76	25.54	29.63
Injection Unit Ultra High Speed		1700hs		
Injection Speed	mm/s	350		
	in./s	13.78		
Injection Rate (PS)	g/s	864	1014	1176
		30.48	35.77	41.48

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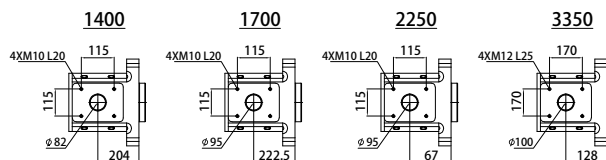
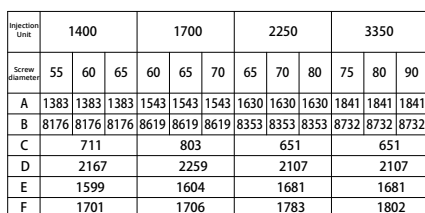
OTHER		
Heating Power	kW	33.1
Connection Power	kW/A	1700:58/98 1700h:74/125 1700hs:83/139
Machine Dimension (LxWxH)	m	8.62x2.29x2.50
	in.	339x90x98
Machine Weight MZ	t	26.97
	lbs.	59459
Hopper Capacity	l	50
	gal	13
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	204
	gal/min	54
Oil Tank Size	l	284
	gal	75

*NOTE:

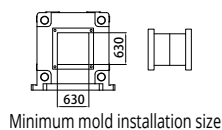
1. Machine dimensions and weights are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

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.

Machine Dimensions



Platen Dimensions



Platen

