

Specification



MZ3000V-830

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ3000 V / 830
Clamping Force	kN	3000
	US Tons	337
Mold Opening Stroke	mm	600
	in.	23.62
Minimum Mold Height	mm	280
	in.	11.02
Maximum Mold Height	mm	650
	in.	25.59
Maximum Daylight	mm	1250
	in.	49.21
Distance Between Tie-Bars (HXV)	mm	730x730
	in.	28.74x28.74
Platen Dimensions (HXV)	mm	1000x1000
	in.	39.37x39.37
Minimum Mold Size	mm	470x470
	in.	18.5x18.5
Ejector Stroke	mm	160
	in.	6.3
Ejector Force	kN	68.6
	US Tons	8

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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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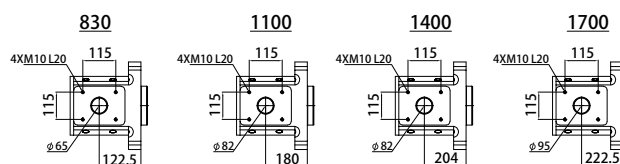
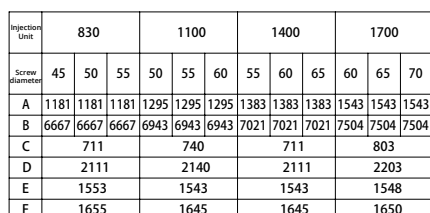
OTHER		
Heating Power	kW	20.2
Connection Power	kW/A	830:34/58
		830h:38/65
		830hs:58/98
Machine Dimension (LxWxH)	m	6.67x1.90x2.42
	in.	263x75x95
Machine Weight MZ	t	13.45
	lbs.	29652
Hopper Capacity	l	50
	gal	13
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	90
	gal/min	24
Oil Tank Size	l	123
	gal	32

*NOTE:

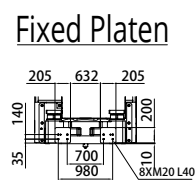
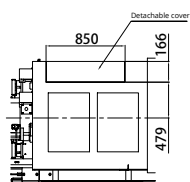
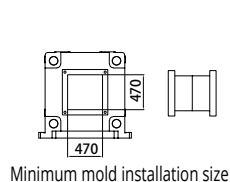
1. Machine dimensions and weights are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

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

