

Specification



MZ1500V-430

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ1500 V / 430
Clamping Force	kN	1500
	US Tons	169
Mold Opening Stroke	mm	420
	in.	16.54
Minimum Mold Height	mm	180
	in.	7.09
Maximum Mold Height	mm	520
	in.	20.47
Maximum Daylight	mm	940
	in.	37.01
Distance Between Tie-Bars (HXV)	mm	520x520
	in.	20.47x20.47
Platen Dimensions (HXV)	mm	740x740
	in.	29.13x29.13
Minimum Mold Size	mm	335x335
	in.	13.19x13.19
Ejector Stroke	mm	120
	in.	4.72
Ejector Force	kN	33
	US Tons	4

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INJECTION UNIT		430		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	36	40	45
	in.	1.42	1.57	1.77
Screw L/D Ratio	L/D	23.3	21	18.7
Injection Volume (theoretical)	cm ³	173	213	270
	cu.in.	10.56	13.00	16.48
Injection Weight (PS)	g	157	194	246
	oz.	5.54	6.84	8.68
Injection Pressure	MPa	247	200	158
	psi	35824	29008	22916
Holding Pressure	MPa	197	160	126
	psi	28572	23206	18275
Screw Speed	rpm	400	400	400
Plasticizing Rate (GPPS)	g/s	22	30	42
	oz./s	0.78	1.06	1.48
Plasticizing Rate (HDPE)	g/s	-	-	-
	oz./s	-	-	-
Nozzle Contact Force MZ	kN	65	65	65
	US Tons	7.31	7.31	7.31
Injection Unit Standard		430		
Injection Speed	mm/s	200		
	in./s	7.87		
Injection Rate (PS)	g/s	177	219	277
	oz./s	6.24	7.72	9.77
Injection Unit High Speed		430h		
Injection Speed	mm/s	300		
	in./s	11.81		
Injection Rate (PS)	g/s	266	329	416
	oz./s	9.38	11.61	14.67
Injection Unit Ultra High Speed		430hs		
Injection Speed	mm/s	500		
	in./s	19.69		
Injection Rate (PS)	g/s	444	548	694
	oz./s	15.66	19.33	24.48

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OTHER		
Heating Power	kW	13.5
Connection Power	kW/A	430:27/45 430h:31/52 430hs:48/81
Machine Dimension (LxWxH)	m	5.58x1.41x2.21
	in.	220x56x87
Machine Weight MZ	t	6.5
	lbs.	14330
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	67
	gal	18

*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.

