

Specification



MZ900V-120

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ900 V / 120
Clamping Force	kN	900
	US Tons	101
Mold Opening Stroke	mm	320
	in.	12.6
Minimum Mold Height	mm	150
	in.	5.91
Maximum Mold Height	mm	410
	in.	16.14
Maximum Daylight	mm	730
	in.	28.74
Distance Between Tie-Bars (HXV)	mm	420x420
	in.	16.54x16.54
Platen Dimensions (HXV)	mm	580x580
	in.	22.83x22.83
Minimum Mold Size	mm	270x270
	in.	10.63x10.63
Ejector Stroke	mm	80
	in.	3.15
Ejector Force	kN	24.5
	US Tons	3

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INJECTION UNIT		120		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	22	26	30
	in.	0.87	1.02	1.18
Screw L/D Ratio	L/D	22	22	19
Injection Volume (theoretical)	cm ³	36	58	77
	cu.in.	2.20	3.54	4.70
Injection Weight (PS)	g	32.8	52	70
	oz.	1.16	1.83	2.47
Injection Pressure	MPa	280	220	165
	psi	40611	31908	23931
Holding Pressure	MPa	220	160	120
	psi	31908	23206	17405
Screw Speed	rpm	400	400	400
Plasticizing Rate (GPPS)	g/s	6	8.8	13
	oz./s	0.21	0.31	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		120		
Injection Speed	mm/s	200		
	in./s	7.87		
Injection Rate (PS)	g/s	66	92	123
	oz./s	2.33	3.25	4.34
Injection Unit High Speed		120h		
Injection Speed	mm/s	350		
	in./s	13.78		
Injection Rate (PS)	g/s	116	162	216
	oz./s	4.09	5.71	7.62
Injection Unit Ultra High Speed		120hs		
Injection Speed	mm/s	500		
	in./s	19.69		
Injection Rate (PS)	g/s	166	231	308
	oz./s	5.86	8.15	10.86

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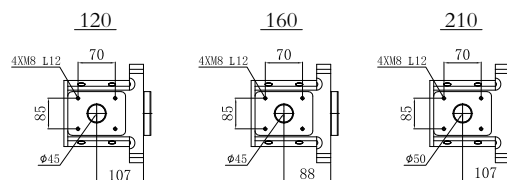
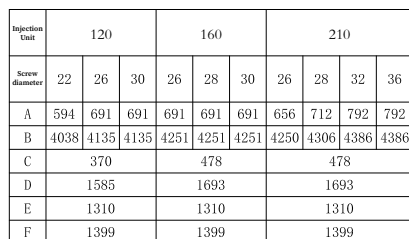
OTHER				
Heating Power	kW	6	7.8	7.8
Connection Power	kW/A		120:12/21 120h:16/28 120hs:19/33	
Machine Dimension (LxWxH)	m	4.33x1.23x2.03		
	in.	170x48x80		
Machine Weight MZ	t	3.78		
	lbs.	8333		
Hopper Capacity	l	15		
	gal	4		
Oil Pressure	MPa	17.5		
	psi	2538		
Oil Flow	l/min	35		
	gal/min	9		
Oil Tank Size	l	47		
	gal	12		

*NOTE:

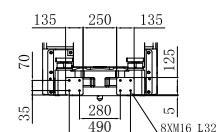
1. Machine dimensions and weights are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

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



Minimum mold installation size



Robot mounting hole position

[illegible]