

MZ3600V-1100

MZ Series: Electric with Integrated Hydraulics



CLAMPING UNIT		MZ3600 V / 1100
Clamping Force	kN	3600
	US Tons	405
Mold Opening Stroke	mm	730
	in.	28.74
Minimum Mold Height	mm	320
	in.	12.6
Maximum Mold Height	mm	710
	in.	27.95
Maximum Daylight	mm	1440
	in.	56.69
Distance Between Tie-Bars (HXV)	mm	820x820
	in.	32.28x32.28
Platen Dimensions (HXV)	mm	1140x1140
	in.	44.88x44.88
Minimum Mold Size	mm	540x540
	in.	21.26x21.26
Ejector Stroke	mm	160
	in.	6.3
Ejector Force	kN	68.6
	US Tons	8

Specification



MZ3600V-1100

MZ Series: Electric with Integrated Hydraulics

INJECTION UNIT		1100		
Screw & Barrel Designation		A	B	C
Screw Diameter	mm	50	55	60
	in.	1.97	2.17	2.36
Screw L/D Ratio	L/D	22	20	18.3
Injection Volume (theoretical)	cm ³	471	570	678
	cu.in.	28.74	34.78	41.37
Injection Weight (PS)	g	428	518	617
	oz.	15.10	18.27	21.76
Injection Pressure	MPa	218	180	151
	psi	31618	26107	21901
Holding Pressure	MPa	194	160	134
	psi	28137	23206	19435
Screw Speed	rpm	320	320	320
Plasticizing Rate (GPPS)	g/s	52	64	75
	oz./s	1.83	2.26	2.65
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		1100		
Injection Speed	mm/s	160		
	in./s	6.3		
Injection Rate (PS)	g/s	274	332	395
	oz./s	9.67	11.71	13.93
Injection Unit High Speed		1100h		
Injection Speed	mm/s	250		
	in./s	9.84		
Injection Rate (PS)	g/s	428	518	617
	oz./s	15.10	18.27	21.76
Injection Unit Ultra High Speed		1100hs		
Injection Speed	mm/s	350		
	in./s	13.78		
Injection Rate (PS)	g/s	600	726	864
	oz./s	21.16	25.61	30.48

Specification



MZ3600V-1100

MZ Series: Electric with Integrated Hydraulics

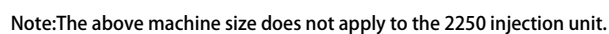
OTHER		
Heating Power	kW	23
Connection Power	kW/A	1100:44/74
		1100h:44/74
		1100hs:69/116
Machine Dimension (LxWxH)	m	7.27x1.99x2.48
	in.	286x78x98
Machine Weight MZ	t	16.5
	lbs.	36376
Hopper Capacity	l	50
	gal	13
Oil Pressure	MPa	17.5
	psi	2538
Oil Flow	l/min	90
	gal/min	24
Oil Tank Size	l	126
	gal	33

*NOTE:

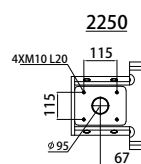
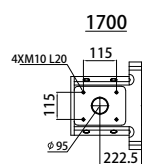
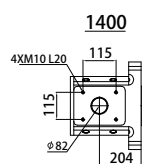
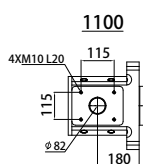
1. Machine dimensions and weights are based on the international standard configuration and are for reference only. Any options or country specific requirements will affect this. Contact Absolute Haitian service department for machine specific information.

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.

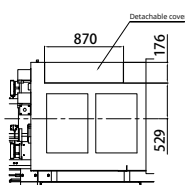
Machine Dimensions



Injection Unit	1100			1400			1700			2250		
Screw diameter	50	55	60	55	60	65	60	65	70	65	70	80
A	1295	1295	1295	1383	1383	1383	1543	1543	1543	1630	1630	1630
B	7264	7264	7264	7342	7342	7342	7825	7825	7825	7560	7560	7560
C						711			803			689
D			2140			2111			2203			2165
E			1543			1543			1548			1701
F			1645			1645			1650			1803



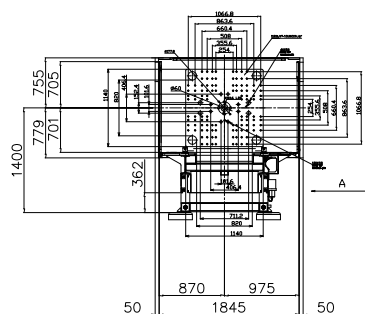
Minimum mold installation size



View A

Robot mounting hole position

Operation side



Full opening quantity 1440

Maximum mold opening stroke 730

Maximum mold height 710 2250(610)
1700(560)

Minimum mold height 320 1400(520)
1100(520)

Nozzle stroke

Maximum ejector stroke 160

30 Nozzle protrusion length

Robot mounting surface

590

250

300

130

1300

15

130

Drop opening of the product

Nozzle front end

101.647

Operation side

