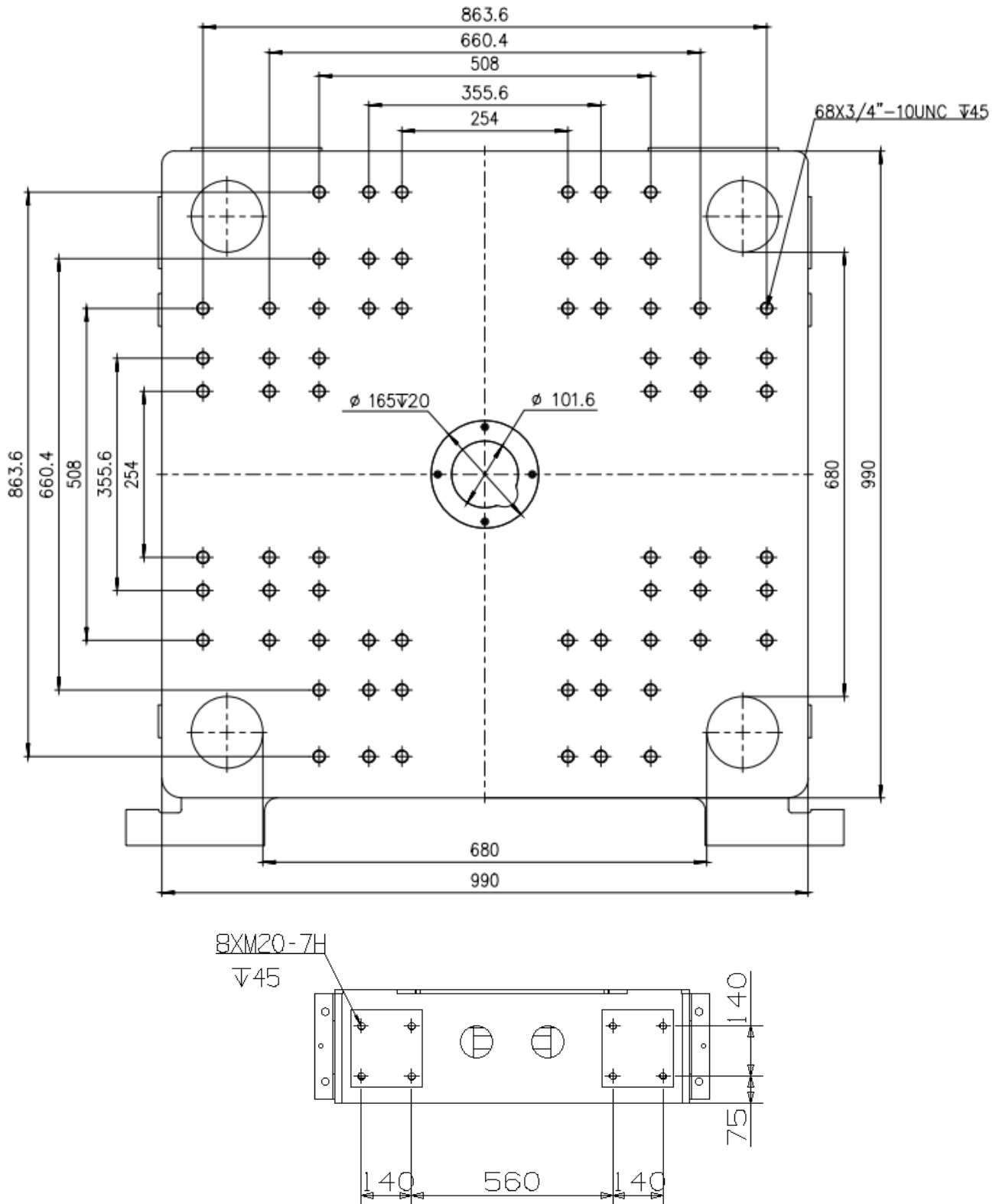




MARS III: Servo-Hydraulic Injection Molding Machine

Clamping Unit		MA3200III-2250			
Clamping Force	KN	3200			
	US tons	360			
Clamp Stroke	mm	640			
	in.	25.2			
Space Between Tie Bars (HxV)	mm	680 x 680			
	in.	26.77 x 26.77			
Max. Mold Height	mm	680			
	in.	26.77			
Min. Mold Height	mm	250			
	in.	9.84			
Ejector Stroke	mm	160			
	in.	6.3			
Ejector Force	KN	62			
	US tons	6.97			
Mold Platen Dimensions (HxV)	mm	990 x 990			
	in.	38.98 x 38.98			
Total Clamp Open Daylight	mm	1320			
	in.	51.97			
Max. Mold Weight on M.P.	Ton	2.1			
	lbs.	4630			
Max. Mold Weight Full Set	Ton	3.5			
	lbs.	7716			
Injection Unit		A	B	C	D
Screw Diameter	mm	65	70	75	80
	in.	2.56	2.76	2.95	3.15
Screw L/D Ratio	L/D	21.5	20	18.7	17.5
Shot Size (Theoretical)	cm ³	1068	1239	1423	1619
	cu.in.	65.17	75.61	86.84	98.8
Injection Weight (PS)	g	972	1128	1295	1473
	oz.	34.29	39.79	45.68	51.96
Injection Rate (PS)	g/sec	369	427	491	558
	oz./sec	13.02	15.06	17.32	19.68
Injection Pressure (max)	Mpa	212	183	159	140
	psi	30748	26542	23061	20305
Plasticizing Rate (GPPS)	g/sec	58.6	67.3	76.1	84.4
	oz./sec	2.07	2.37	2.68	2.98
Screw Speed	RPM	0 - 220			



NOTICE:

Many machine options increase the power requirements and machine layout. Contact Absolute Haitian directly for machine specific power requirements and machine dimensions. Email: service@absolutehaitian.com or Call: 508-459-5372

Absolute Haitian Corporation • 33 Southgate St. Worcester, MA 01610
508-459-5372 • absolutehaitian.com

