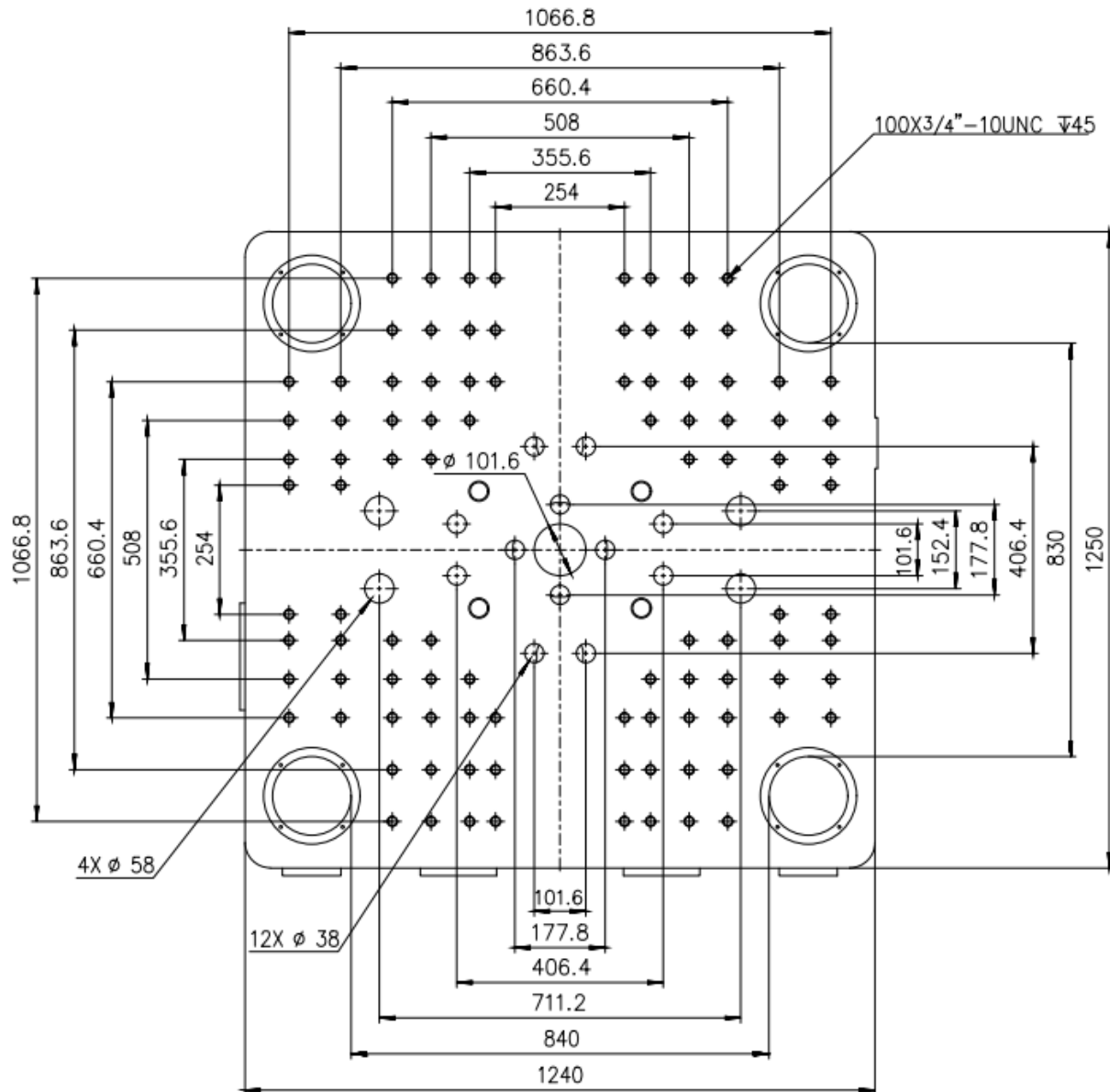
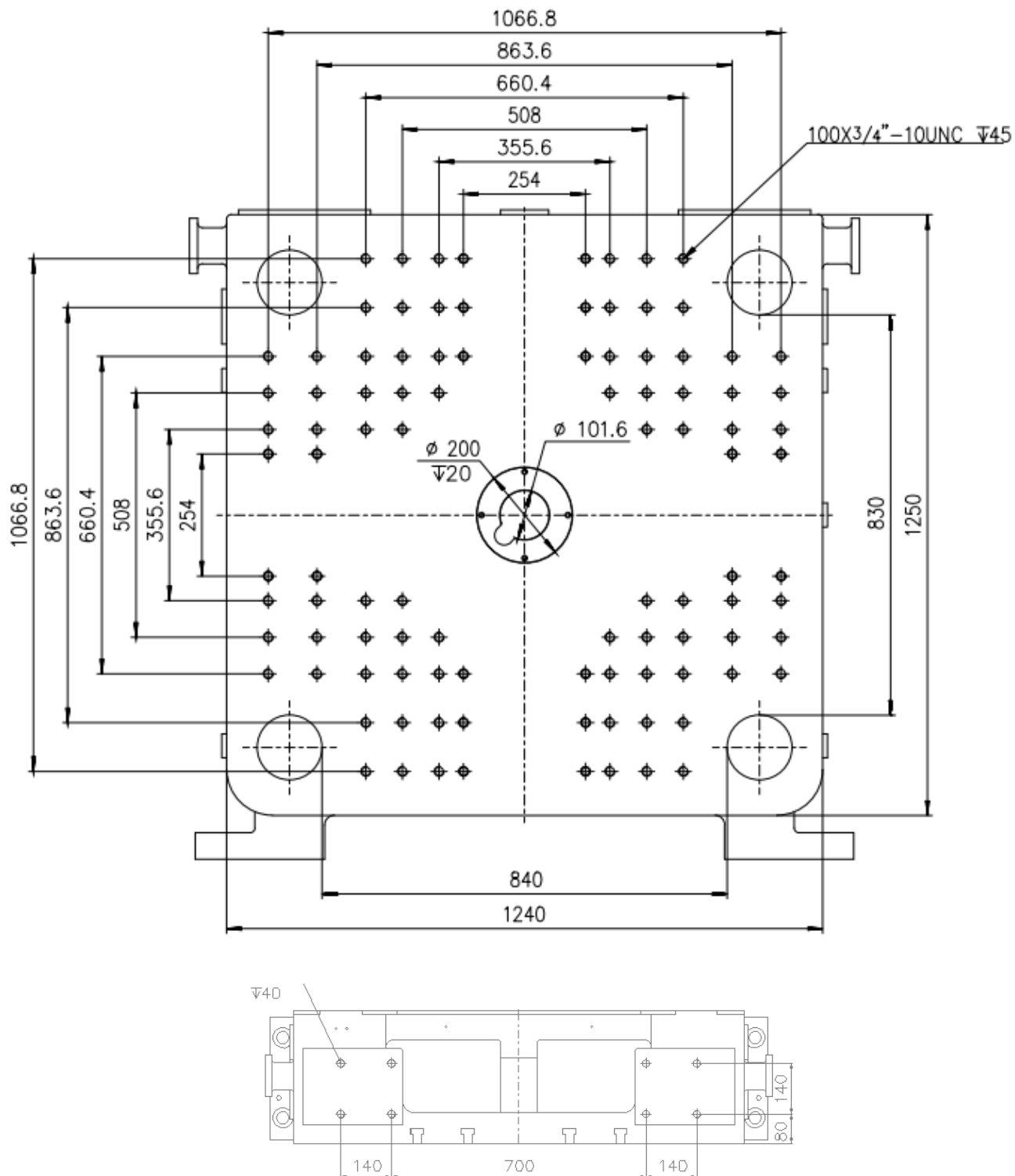




MARS III: Servo-Hydraulic Injection Molding Machine

Clamping Unit		MA5300III-3200			
Clamping Force	KN	5300			
	US tons	596			
Clamp Stroke	mm	850			
	in.	33.46			
Space Between Tie Bars (HxV)	mm	840 x 830			
	in.	33.07 x 32.68			
Max. Mold Height	mm	850			
	in.	33.46			
Min. Mold Height	mm	350			
	in.	13.78			
Ejector Stroke	mm	220			
	in.	8.66			
Ejector Force	KN	158			
	US tons	17.76			
Mold Platen Dimensions (HxV)	mm	1240 x 1250			
	in.	48.82 x 49.21			
Total Clamp Open Daylight	mm	1700			
	in.	66.93			
Max. Mold Weight on M.P.	Ton	4.2			
	lbs.	9259			
Max. Mold Weight Full Set	Ton	7			
	lbs.	15432			
Injection Unit		A	B	C	D
Screw Diameter	mm	70	80	85	90
	in.	2.76	3.15	3.35	3.54
Screw L/D Ratio	L/D	22.9	20	19.1	17.8
Shot Size (Theoretical)	cm ³	1424	1860	2100	2354
	cu.in.	86.9	113.5	128.15	143.65
Injection Weight (PS)	g	1296	1692	1911	2142
	oz.	45.72	59.68	67.41	75.56
Injection Rate (PS)	g/sec	427	558	630	706
	oz./sec	15.06	19.68	22.22	24.9
Injection Pressure (max)	Mpa	224	172	152	136
	psi	32488	24946	22046	19725
Plasticizing Rate (GPPS)	g/sec	67.9	89.5	98.3	111.1
	oz./sec	2.4	3.16	3.47	3.92
Screw Speed	RPM	0 - 210			





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

Specifications subject to change without notice



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Rev 2 1/14/2022