

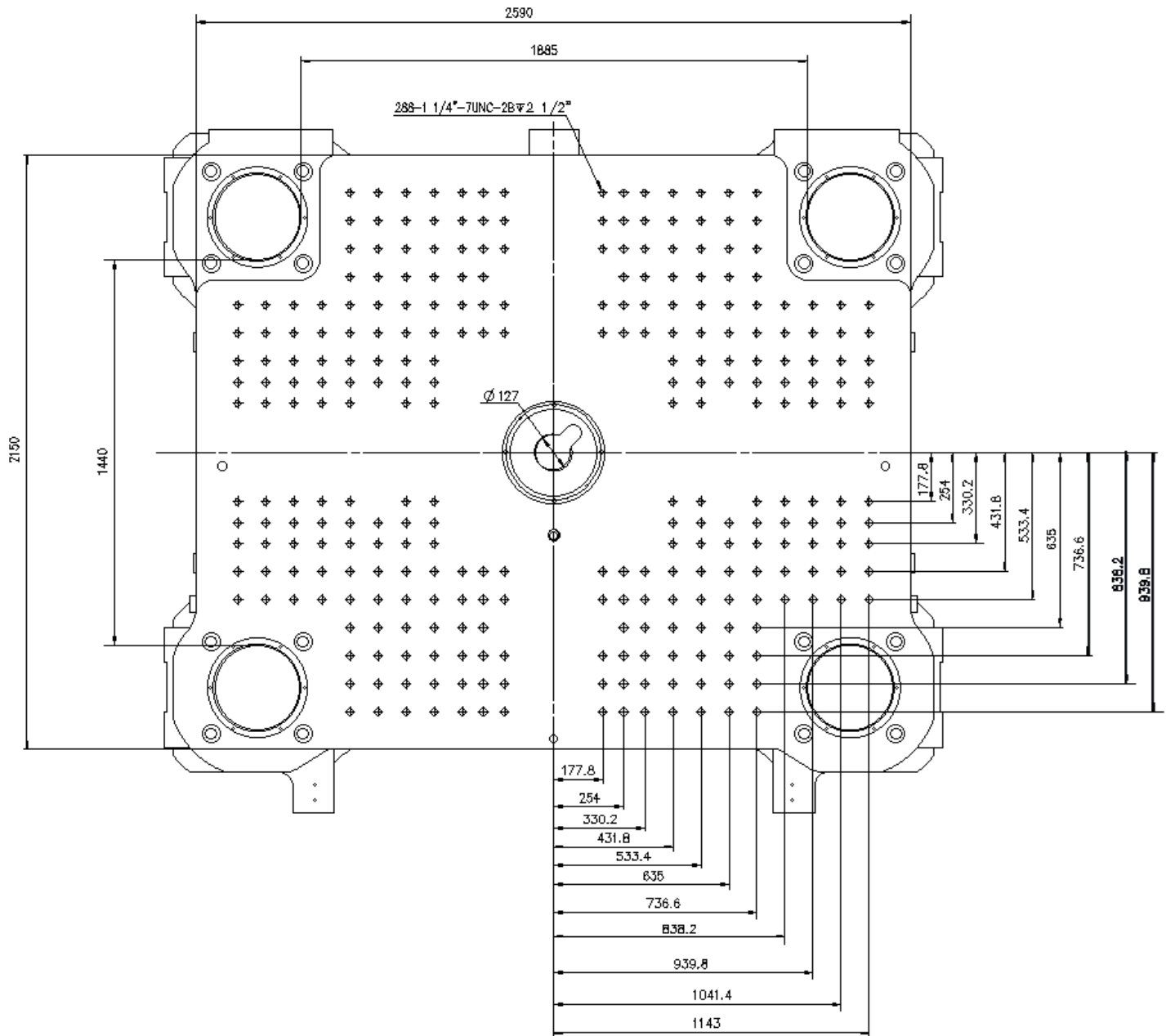
Two Platen Servo-Hydraulic Injection Molding Machine

Clamping Unit		JU16000III-22300W			
Clamping Force	KN	16000			
	US tons	1798			
Clamp Stroke	mm	2600 / 1850			
	in.	102.36 / 33.46			
Space Between Tie Bars (HxV)	mm	1885 x 1440			
	in.	74.21 x 56.69			
Max. Mold Height	mm	1500			
	in.	59.06			
Min. Mold Height	mm	750			
	in.	29.53			
Ejector Stroke	mm	450			
	in.	17.72			
Ejector Force	KN	450			
	US tons	50.58			
Mold Platen Dimensions (HxV)	mm	2590 x 2150			
	in.	101.97 x 84.65			
Total Clamp Open Daylight	mm	3350			
	in.	132			
Max. Mold Weight on M.P.	Ton	27			
	lbs.	58797			
Max. Mold Weight Full Set	Ton	40			
	lbs.	88185			
Injection Unit		A	B	C	D
Screw Diameter	mm	140	150	160	170
	in.	5.51	5.91	6.3	6.69
Screw L/D Ratio	L/D	24	22.4	21	19.8
Shot Size (Theoretical)	cm ³	10468	12017	13672	15435
	cu.in.	638.8	733.32	834.32	941.9
Injection Weight (PS)	g	9526	10935	12442	14046
	oz.	336.02	385.72	438.88	495.46
Injection Rate (PS)	g/sec	1379	1583	1801	2033
	oz./sec	48.64	55.84	63.53	71.71
Injection Pressure (max)	Mpa	211	184	162	143
	psi	30603	26687	23496	20740
Plasticizing Rate (GPPS)	g/sec	155	176	196	222
	oz./sec	5.47	6.21	6.91	7.83
Plasticizing Rate (HDPE)	g/sec	243	294	303	334
	oz./sec	8.57	10.37	10.69	11.78
Screw Speed	RPM	0 - 85			
Other					
Pump Motor Power	kW	185			
Heater Power	kW	133			
Full Load Amperage at 460V	amps	294			
Max Pump Pressure	Mpa	25			
	psi	3626			
Machine Dimensions (LxWxH)	m	12.75 x 4.15 x 4.69			
	in.	502 x 163 x 185			
Machine Weight	Ton	101			
	lbs.	222667			
Hopper Capacity	kg	400			
	lbs.	882			
Oil Tank Capacity	L	1720			
	gal.	454			

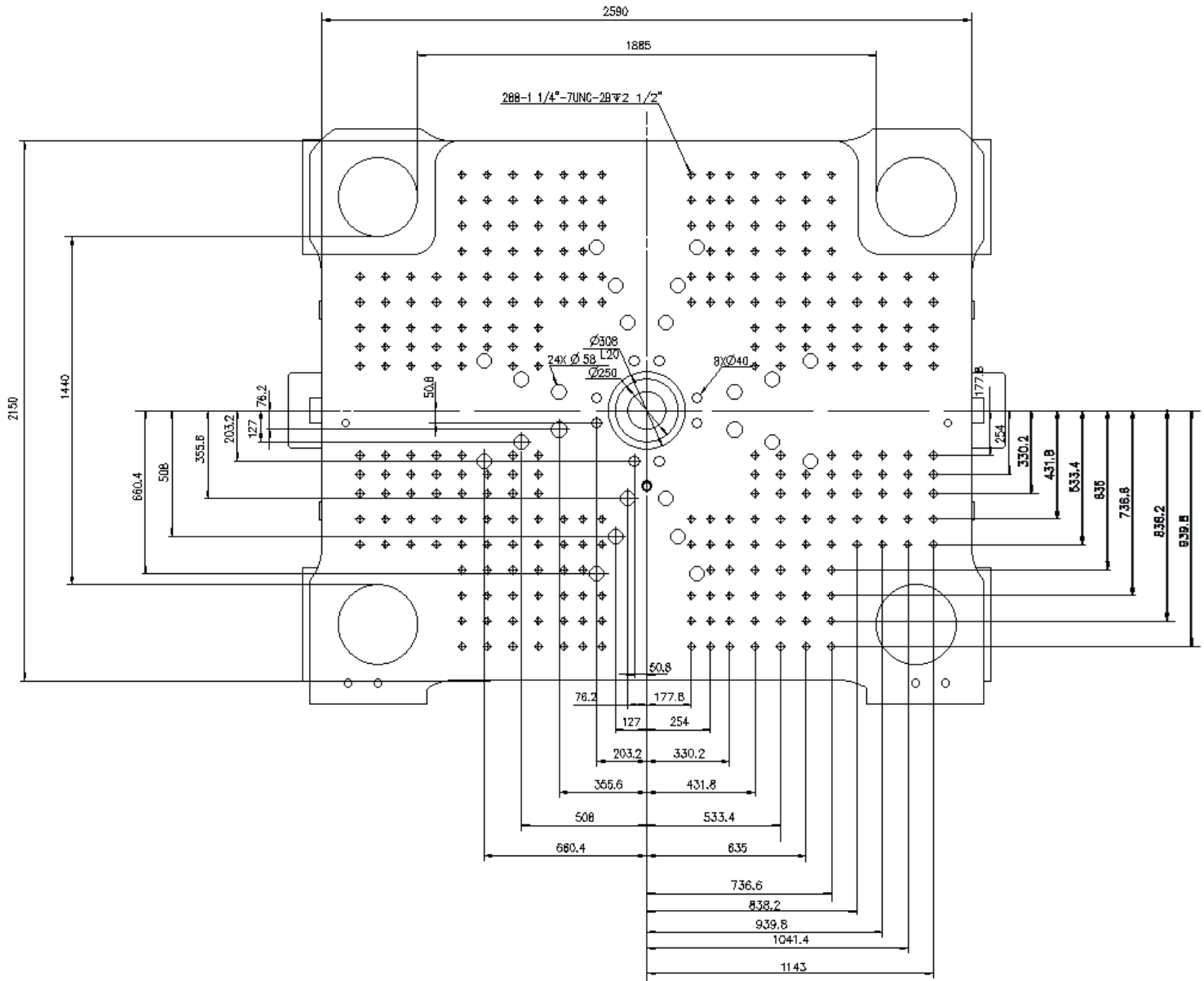
Two Platen Servo-Hydraulic Injection Molding Machine Dimensions



Fixed Platen



Moving Platen



Robot Mounting

