

VANDORN™**CALIBER**
MODEL 2200

Injection Unit

International Size		12300		17000	
	Measure	Std.	HiPr	Std.	HiPr
Injection Capacity (GPPS)	oz. g	265 4,340	190 5,376	362 10,276	291 8,260
Injection Capacity	cu. in. ccm	486 7,964	348 5,702	665 10,899	535 8,760
Recovery Rate (GPPS)	oz./sec. g/sec	8.14 231	5.50 156	8.38 238	6.49 184
Injection Pressure	psi bar	22,522 1,553	31,457 2,169	23,044 1,589	28,669 1,977
Injection Rate (@ 10,000 psi) (@ 700 bar)	cu. in./sec. ccm/sec	103.7 1,699	74.2 1,216	101.3 1,660	81.4 1,335
Injection Stroke	in. mm	23.6 600	23.6 600	26.0 660	26.0 660
Screw Diameter	in. mm	5.12 130	4.33 110	5.71 145	5.12 130
Screw L/D Ratio		20/1 20/1	20/1 20/1	20/1 20/1	20/1 20/1
Maximum Screw Speed	rpm rpm	160 160	160 160	127 127	127 127
Back Pressure Adjust	psi bar	75-300 5-21	75-300 5-21	75-300 5-21	75-300 5-21
Barrel Heating Capacity	kW kW	82.7 82.7	68.2 68.2	94.2 94.2	69.0 69.0

General Machine Specifications

	Measure	12300	17000
Pump Motor	hp kW	200 148	200 148
Pump Capacity	gpm Lpm	265 1,003	265 1,003
Oil Capacity	gal. L	300 1,136	300 1,136
Machine Weight (approx.)	lb. kg	265,500 120,537	274,000 124,396
Machine Dimensions			
Length	ft. m	42.7 13.0	44.2 13.5
Width	ft. m	14.4 4.4	14.4 4.4
Height	ft. m	11.5 3.5	11.5 3.5

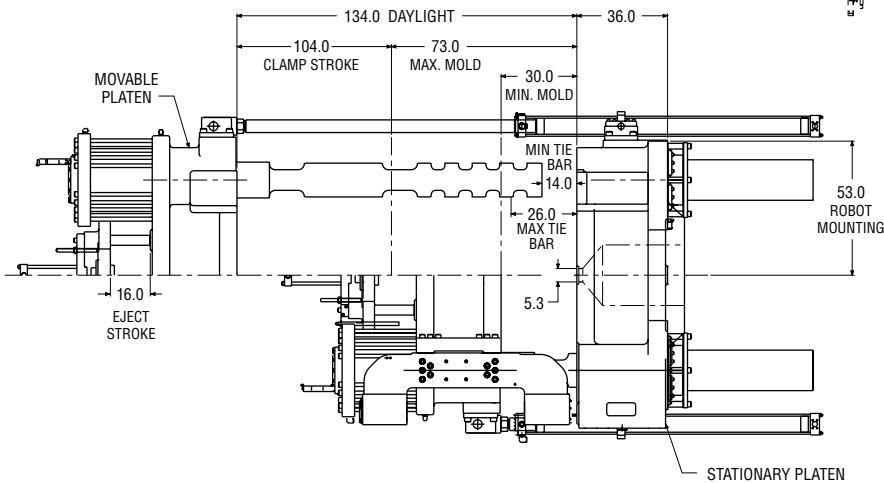
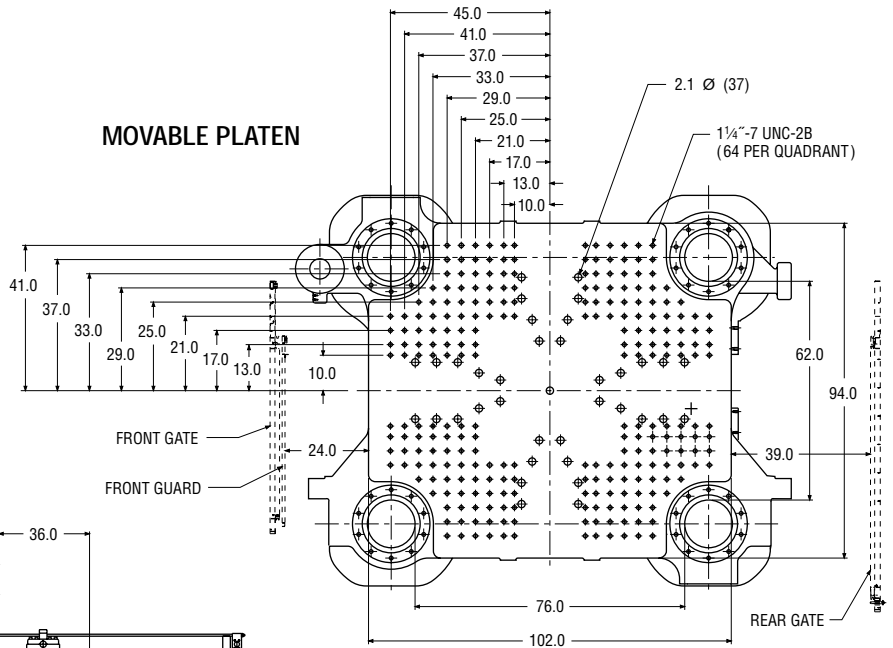
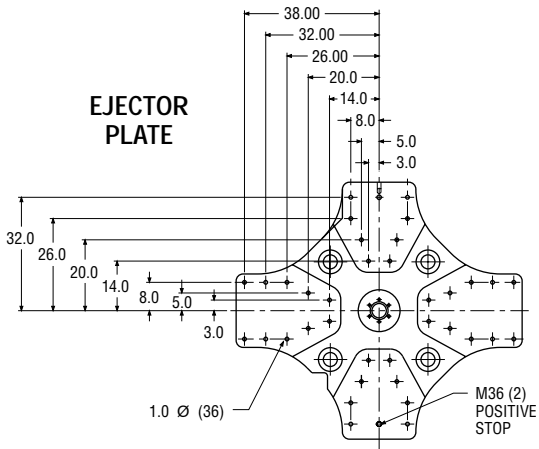
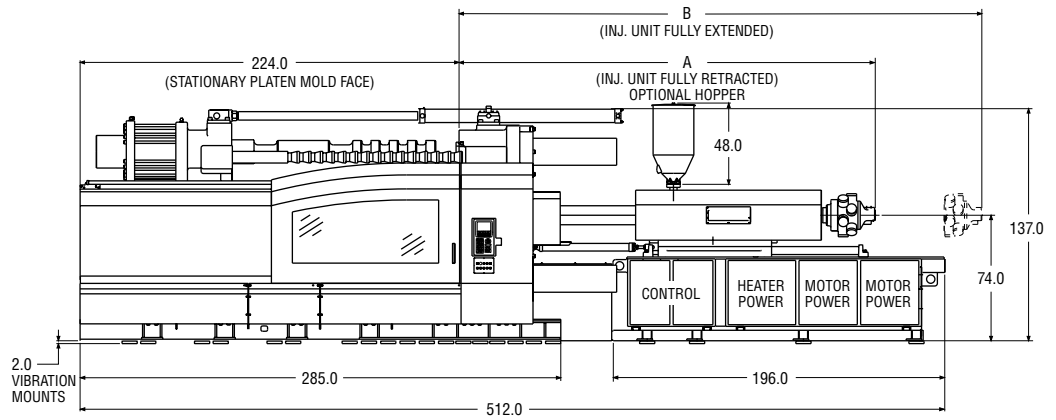
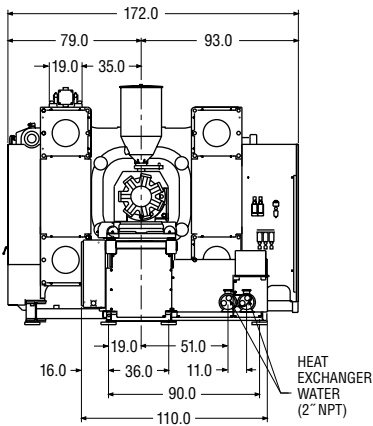
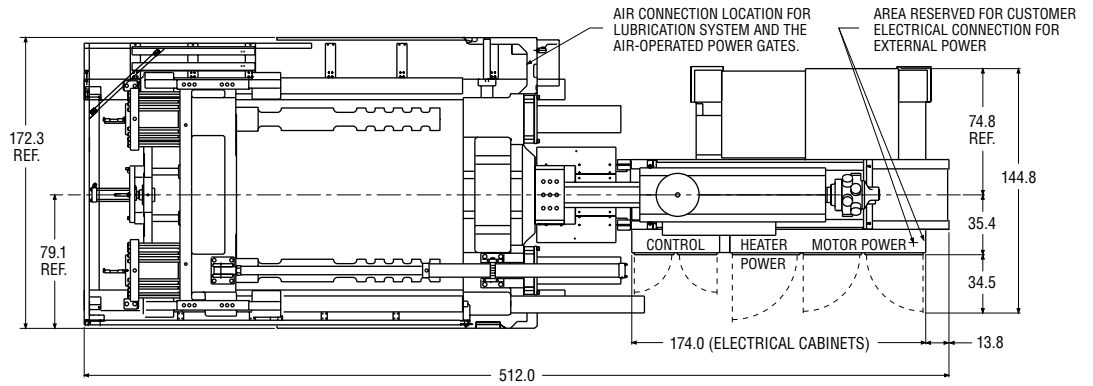
Performance specifications are based on theoretical data and mold, material and conditions. Since continuous improvement is Van Dorn Demag's policy, we reserve the right to change specifications, designs and performance data without prior notice or obligation.

Clamp Unit

Clamp Force	U.S. tons kN	2,200 19,580
Open Force	U.S. tons kN	115 1,028
Clamp Stroke - Max.	in. mm	104 2,650
Open Daylight - Max.	in. mm	134 3,410
Mold Thickness - Min.	in. mm	29.9 760
Mold Thickness - Max.	in. mm	73.2 1,860
Distance Between Tie Bars		
Horizontal	in. mm	76.0 1,933
Vertical	in. mm	62.0 1,568
Platen Size		
Horizontal (Standard)	in. mm	102 2,600
Vertical	in. mm	94.5 2,400
Clamp Speeds		
Closing	in./sec. mm/sec.	26.3 567
Opening	in./sec. mm/sec.	25.2 540
Ejector Force	U.S. tons kN	48.1 428
Ejector Stroke	in. mm	15.7 400

The specifications listed are standard. However, Van Dorn Demag will provide engineered options and solutions to meet virtually any performance requirements including high-pressure and high-speed configurations.

Injection Unit	"A"	"B"
130mm 20:1 12,300	206.8	259.3
135 mm 20:1	246.5	315.9
155 mm 20:1	290.9	363.9



CLAMP ASSEMBLY