

**VANDORN™**

**Newbury**

**MODEL 200**

*C-Frame Vertical Clamp*

**Injection Unit**

	Measure	6-oz.	9-oz.	15-oz.	21-oz.	30-oz.
Injection Capacity (GPPS)	oz.	6.5	9.1	15.3	21.5	29.2
	g	184	258	434	610	828
Injection Capacity	cu. in.	12.0	16.8	28.3	39.8	54.0
	ccm	197	276	463	652	885
Recovery Rate (GPPS)	oz./sec.	1.10	1.32	1.34	1.25	2.50
	g/sec	31.2	37.4	38.0	35.4	70.9
Injection Pressure	psi	20,898	20,898	25,000	19,753	23,040
	bar	1,440	1,440	1,720	1,360	1,590
Injection Rate (@ 10,000 psi) (@ 700 bar)	cu. in./sec.	14.0	14.0	11.7	14.8	12.7
	ccm/sec	229	229	192	243	208
Injection Stroke	in.	5.0	7.0	9.0	10.0	11.0
	mm	127	178	229	254	279
Screw Diameter	in.	1.75	1.75	2.00	2.25	2.50
	mm	44	44	51	57	64
Screw L/D Ratio		16/1	20/1	20/1	20/1	20/1
		16/1	20/1	20/1	20/1	20/1
Max. Screw Speed	rpm	329	329	283	197	149
	rpm	329	329	283	197	149
Back Pressure Adjust	psi	75-300	75-300	75-300	75-300	75-300
	bar	5-21	5-21	5-21	5-21	5-21
Barrel Heating Capacity	kW	8.0	9.6	11.3	15.0	27.0
	kW	8.0	9.6	11.3	15.0	27.0

**General Machine Specifications**

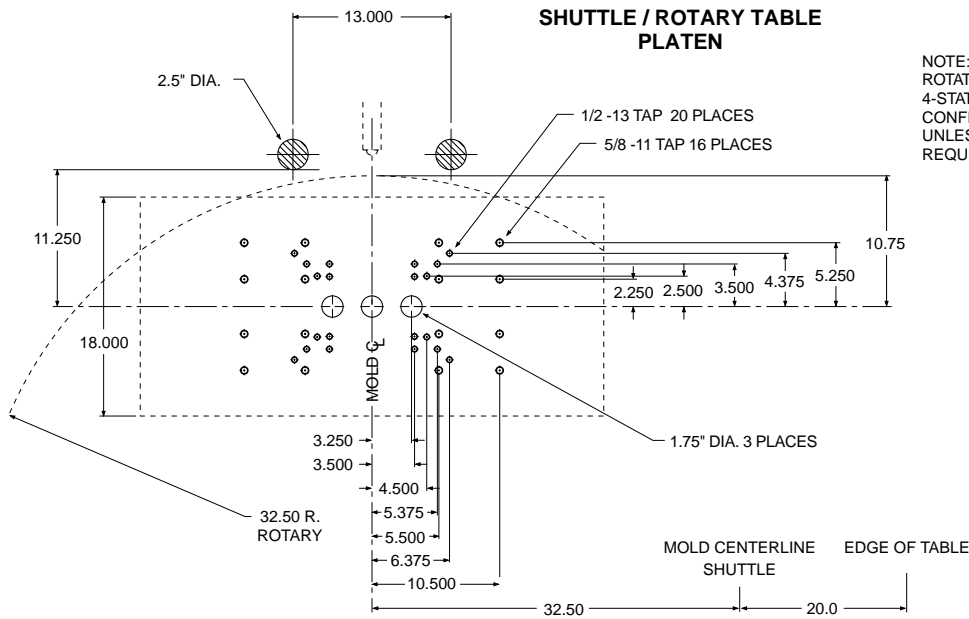
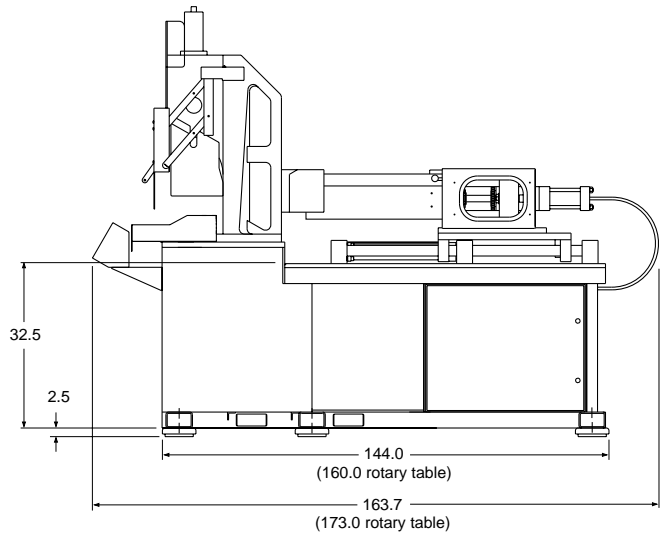
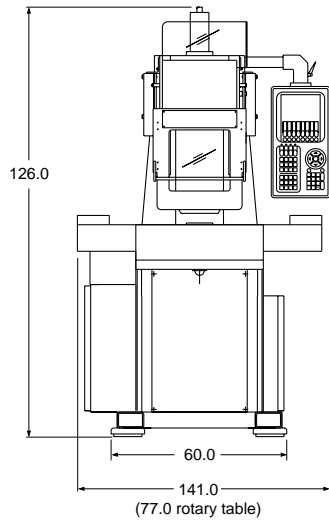
	Measure	6-oz.	9-oz.	15-oz.	21-oz.	30-oz.
Pump Motor	hp	40	40	40	40	40
	kW	30	30	30	30	30
Pump Capacity	gpm	49	49	49	49	49
	lpm	185	185	185	185	185
Oil Capacity	gal.	130	130	130	130	130
	L	492	492	492	492	492
Machine Weight (approx.)	lb.	35,000	35,000	35,000	35,000	35,000
	kg	15,900	15,900	15,900	15,900	15,900
<b>Machine Dimensions</b>						
Length	ft.	13.7	13.7	13.7	13.7	13.7
	m	4.2	4.2	4.2	4.2	4.2
Width	ft.	11.7	11.7	11.7	11.7	11.7
	m	3.6	3.6	3.6	3.6	3.6
Height	ft.	10.5	10.5	10.5	10.5	10.5
	m	3.2	3.2	3.2	3.2	3.2

**Clamp Unit**

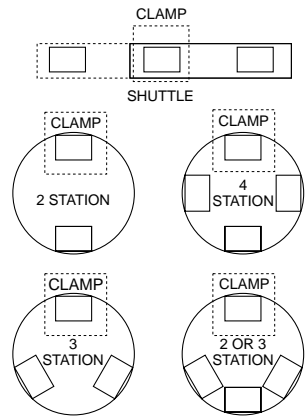
Clamp Force	U.S. tons	200
	kN	1,779
Clamp Stroke – Max.	in.	11
	mm	279
Open Daylight – Max.	in.	35
	mm	889
<b>Mold Thickness</b>		
Minimum	in.	14
	mm	356
Maximum	in.	24
	mm	634
<b>Max. Mold Space</b>		
Depth	in.	18
	mm	457
Width	in.	22
	mm	559
Shuttle Stroke	in.	32.5
	mm	826
Rotary Table Diameter	in.	65
	mm	1,651
<b>Center Line of Injection</b>		
Minimum	in.	6.5
	mm	165
Maximum	in.	11
	mm	279
<b>Upper Platen Size</b>		
Depth	in.	18
	mm	457
Width	in.	22
	mm	559
<b>Clamp Speeds</b>		
Closing	in./sec.	9
	mm/sec	229
Opening	in./sec.	7
	mm/sec	178

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.

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.



NOTE: CLOCKWISE ROTATION AND 4-STATION CONFIGURATION UNLESS OTHERWISE REQUESTED



**TABLE CONFIGURATION OPTIONS**

