

VANDORN™

Newbury

MODEL 30

C-Frame Vertical Clamp

Injection Unit

	Measure	2-oz.	3-oz.	4-oz.	5-oz.
Injection Capacity (GPPS)	oz.	1.7	2.7	4.0	4.9
	g	48	77	113	139
Injection Capacity	cu. in.	3.14	4.91	7.42	8.91
	ccm	51	80	122	146
Recovery Rate (GPPS)	oz./sec.	0.42	0.39	0.21	0.50
	g/sec	11.9	11.1	6.0	14.2
Injection Pressure	psi	25,000	27,040	22,347	22,347
	bar	1,720	1,860	1,540	1,540
Injection Rate (@ 10,000 psi) (@ 700 bar)	cu. in./sec.	3.7	3.4	4.1	4.1
	ccm/sec	61	56	67	67
Injection Stroke	in.	4.0	4.0	5.0	6.0
	mm	102	102	127	152
Screw Diameter	in.	1.00	1.25	1.38	1.38
	mm	25	32	35	35
Screw L/D Ratio		20/1	20/1	16/1	20/1
		20/1	20/1	16/1	20/1
Max. Screw Speed	rpm	440	280	230	230
	rpm	440	280	230	230
Back Pressure Adjust	psi	30-600	30-600	30-600	30-600
	bar	2-40	2-40	2-40	2-40
Barrel Heating Capacity	kW	5.6	8.1	8.1	8.5
	kW	5.6	8.1	8.1	8.5

General Machine Specifications

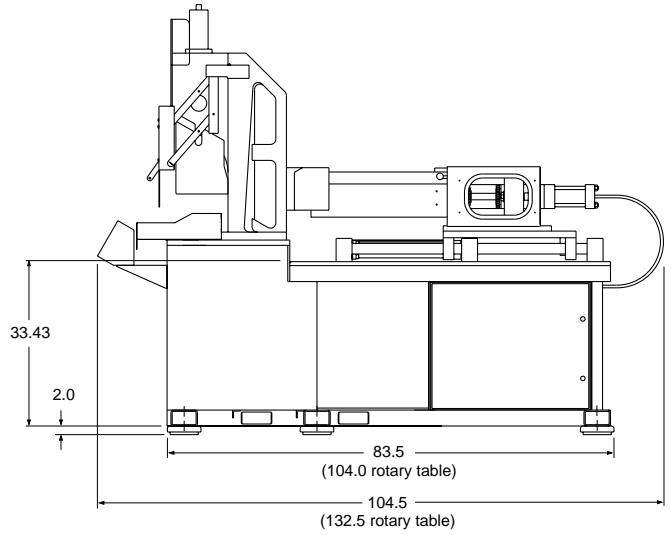
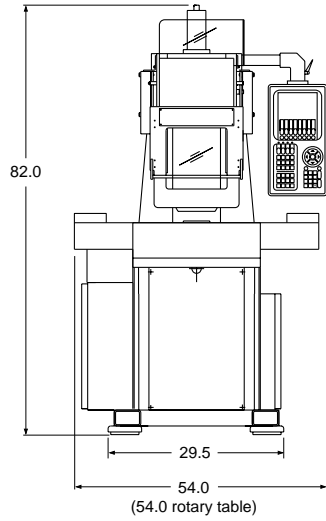
	Measure	2-oz.	3-oz.	4-oz.	5-oz.
Pump Motor	hp	10	10	10	10
	kW	7	7	7	7
Pump Capacity	gpm	12	12	12	12
	lpm	45	45	45	45
Oil Capacity	gal.	42	42	42	42
	L	160	160	160	160
Machine Weight (approx.)	lb.	8,900	8,900	8,900	8,900
	kg	4,000	4,000	4,000	4,000
Machine Dimensions					
Length	ft.	8.2	8.2	8.2	8.2
	m	2.5	2.5	2.5	2.5
Width	ft.	5.5	5.5	5.5	5.5
	m	1.7	1.7	1.7	1.7
Height	ft.	6.3	6.3	6.3	6.3
	m	1.9	1.9	1.9	1.9

Clamp Unit

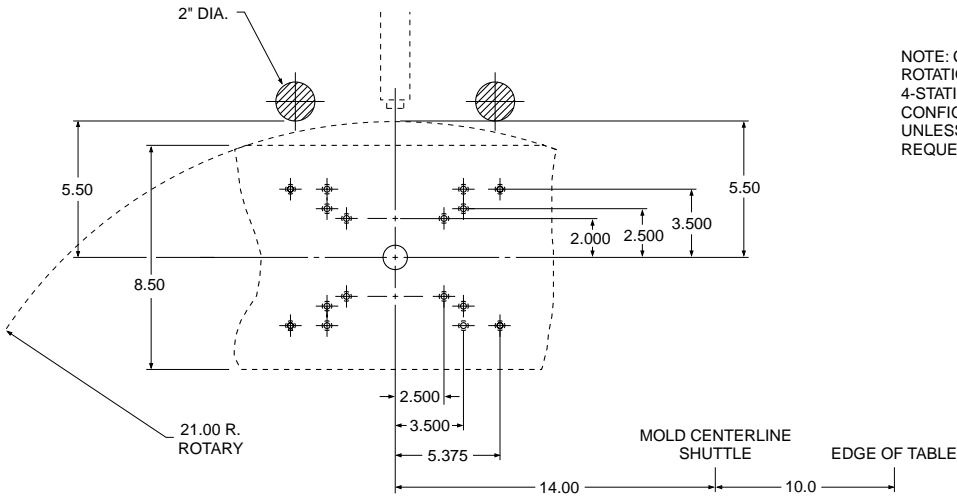
Clamp Force	U.S. tons	30
	kN	267
Clamp Stroke – Max.	in.	6
	mm	152
Open Daylight – Max.	in.	14.8
	mm	375
Mold Thickness		
Minimum	in.	5.0
	mm	127
Maximum	in.	8.8
	mm	222
Max. Mold Space		
Depth	in.	10
	mm	254
Width	in.	12
	mm	305
Shuttle Stroke	in.	14
	mm	356
Rotary Table Diameter	in.	42
	mm	1,067
Center Line of Injection		
Minimum	in.	2.4
	mm	60
Maximum	in.	5.2
	mm	133
Upper Platen Size		
Depth	in.	8.5
	mm	216
Width	in.	12
	mm	305
Clamp Speeds		
Closing	in./sec.	13
	mm/sec	330
Opening	in./sec.	17
	mm/sec	432

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.

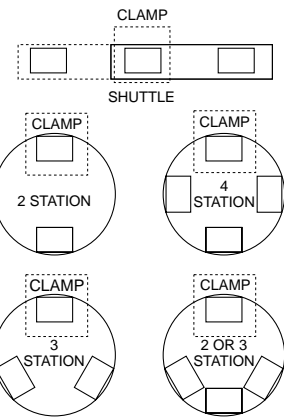
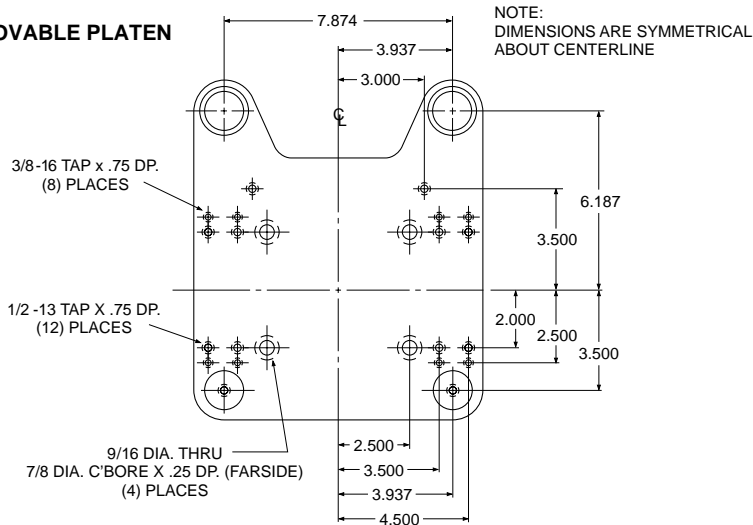
The specifications listed are standard. However, Van Dorn Demag will provide engineered options and solutions to meet virtually any performance requirements including high-pressure and high-speed configurations.



**SHUTTLE / ROTARY TABLE
 PLATEN**



MOVABLE PLATEN



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

TABLE CONFIGURATION OPTIONS

