

VANDORN

Integra

MODEL 220

Injection Unit

International Size	Measure	500			720			1220		
		Std.	HiPr	xHiPr	Std.	HiPr	xHiPr	Std.	HiPr	xHiPr
Injection Capacity (GPPS)	oz.	13.3	10.7	8.5	21.2	14.7	11.9	34.6	25.4	17.6
	g	376	304	241	600	417	337	980	720	500
Injection Capacity	cu. in.	24.3	19.7	15.6	38.8	27.0	21.8	63.4	46.6	32.4
	ccm	399	323	255	636	442	358	1,039	763	530
Recovery Rate (GPPS)	oz./sec.	1.38	1.18	1.31	1.67	1.38	1.53	2.25	1.67	1.42
	g/sec	39.0	33.4	37.0	47.4	39.0	43.3	63.8	47.4	40.2
Injection Pressure	psi	19,511	24,088	30,486	16,498	23,757	29,329	17,092	23,264	33,501
	bar	1,345	1,661	2,102	1,138	1,638	2,022	1,179	1,604	2,310
Injection Rate (@ 10,000 psi) (@ 700 bar)	cu. in./sec.	25.4	20.5	16.2	30.0	20.8	16.9	28.9	21.3	14.8
	ccm/sec	416	337	266	491	341	276	474	348	242
Injection Stroke	in.	8.0	8.0	8.0	8.9	8.9	8.9	10.6	10.6	10.6
	mm	203	203	203	225	225	225	270	270	270
Screw Diameter	in.	1.97	1.77	1.57	2.36	1.97	1.77	2.76	2.36	1.97
	mm	50	45	40	60	50	45	70	60	50
Screw L/D Ratio		20/1	20/1	20/1	20/1	20/1	20/1	20/1	20/1	20/1
		20/1	20/1	20/1	20/1	20/1	20/1	20/1	20/1	20/1

Clamp Unit

Clamp Force	U.S. tons	220
	kN	1,958
Clamp Stroke - Max.	in.	22.6
	mm	575
Open Daylight - Max.	in.	48.6
	mm	1,235
Mold Thickness - Min.	in.	12.20
	mm	310
Distance Between Tie Bars		
Horizontal	in.	22.0
	mm	560
Vertical	in.	22.0
	mm	560
Platen Size		
Horizontal	in.	31.6
	mm	803
Vertical	in.	31.6
	mm	803
Ejector		
Ejector Force	U.S. tons	6.5
	kN	58
Ejector Stroke	in.	7.1
	mm	180

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.

General Machine Specifications

	Measure	500	720	1220
Pump Motor	hp	40	40	40
	kW	29.8	29.8	29.8
Oil Capacity	gal.	110	110	110
	l	416	416	416
Machine Weight (approx.)	lb.	21,300	22,000	23,000
	kg	9,670	9,988	10,442
Machine Dimensions				
Length	ft.	18.7	18.7	18.7
	m	5.7	5.7	5.7
Width	ft.	5.2	5.2	5.2
	m	1.6	1.6	1.6
Height	ft.	6.9	6.9	6.9
	m	2.1	2.1	2.1

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.

VANDORNDEMAG

Van Dorn Demag Corporation
 11792 Alameda Drive
 Strongsville, Ohio 44149
 Telephone (440) 876-8960
 FAX (440) 876-4383
 Web: www.vandorndemag.com