

VANDORN™

Integra

MODEL 140

Injection Unit

International Size	Measure	270			360			500		
		Std.	HiPr	xHiPr	Std.	HiPr	xHiPr	Std.	HiPr	xHiPr
Injection Capacity (GPPS)	oz.	7.3	5.6	4.1	9.7	7.7	5.9	13.3	10.7	8.5
	g	207	159	117	276	218	167	376	304	241
Injection Capacity	cu. in.	13.4	10.3	7.5	17.9	14.1	10.8	24.3	19.7	15.6
	ccm	220	168	124	293	231	177	399	323	255
Recovery Rate (GPPS)	oz./sec.	1.04	0.90	0.68	1.18	1.04	0.99	1.38	1.18	0.94
	g/sec	29.4	25.5	19.1	33.4	29.4	28.1	39.0	33.4	26.8
Injection Pressure	psi	17,545	22,916	31,191	17,901	22,656	29,592	19,511	24,088	30,486
	bar	1,210	1,580	2,151	1,234	1,562	2,040	1,345	1,661	2,102
Injection Rate (@ 10,000 psi) (@ 700 bar)	cu. in./sec.	15.6	11.9	8.8	15.2	12.0	9.2	14.0	11.3	9.0
	ccm/sec	255	195	143	250	197	151	229	186	147
Injection Stroke	in.	6.9	6.9	6.9	7.2	7.2	7.2	8.0	8.0	8.0
	mm	175	175	175	184	184	184	203	203	203
Screw Diameter	in.	1.57	1.38	1.18	1.77	1.57	1.38	1.97	1.77	1.57
	mm	40	35	30	45	40	35	50	45	40
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	140
	kN	1,246
Clamp Stroke - Max.	in.	17.7
	mm	450
Open Daylight - Max.	in.	35.8
	mm	910
Mold Thickness - Min.	in.	9.1
	mm	230
Distance Between Tie Bars		
Horizontal	in.	18.7
	mm	475
Vertical	in.	17.7
	mm	450
Platen Size		
Horizontal	in.	27.2
	mm	690
Vertical	in.	26.0
	mm	660
Ejector		
Ejector Force	U.S. tons	5.6
	kN	50
Ejector Stroke	in.	5.5
	mm	140

General Machine Specifications

	Measure	270	360	500
Pump Motor	hp	25	25	25
	kW	18.6	18.6	18.6
Oil Capacity	gal.	80	80	80
	l	303	303	303
Machine Weight (approx.)	lb.	13,600	14,300	14,300
	kg	6,174	6,492	6,492
Machine Dimensions				
Length	ft.	16.1	16.1	16.1
	m	4.9	4.9	4.9
Width	ft.	4.7	4.7	4.7
	m	1.4	1.4	1.4
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.

VANDORN JEMAG™

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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.