

# JOMAR INJECTION BLOW MACHINE RANGE - SPECIFICATIONS 2009 EDITION

JOMAR MODEL	PREFORM CLAMP	CASTING AREA (1)		BLOW CLAMP	TRIGGER BAR (3)	STANDARD SHUT HEIGHT PRESS STROKE		SCREW DIAMETER " & mms - L:D = SCREW LENGTH : DIAMETER V = SCREW OUTPUT GRAMS/10 SECS R = GRAMS/SEC	TYPICAL ROUND CAVITATION (7)
		CASTING AREA (2)							
<b>Ibm15V</b>	12.6 Tons @ 2000 psi (11.4 Tonnes @ 141 kg/cm <sup>2</sup> )	7.2in <sup>2</sup> @ 3500psi	3.1 Tons @ 2000 psi (2.9 Tonnes @ 141 kg/cm <sup>2</sup> )	6.6 Tons @ 2000 psi (6 Tonnes @ 190 kg/cm <sup>2</sup> )	12" (304mm)	8" (203.2mm)	V - 1" (25.4mm) Dia - L/D 30:1 - 50 grams HDPE - GP Screw	14 x 5ml 12 x 10ml 8 x 30ml 2 x 100ml	
		46cm <sup>2</sup> @ 246kgs/cm <sup>2</sup>	4.6in <sup>2</sup> @ 5500psi (2.9 Tonnes @ 141 kg/cm <sup>2</sup> )			7.10 max (180.3mm)	V - 1" (25.4mm) Dia - L/D 30:1 - 40 grams HDPE - GP Screw		
<b>Ibm40V</b>	38.2 Tons @ 2000 psi (34.6 Tonnes @ 190 kg/cm <sup>2</sup> )	21.8in <sup>2</sup> @ 3500psi	6.6 Tons @ 2000 psi (6 Tonnes @ 190 kg/cm <sup>2</sup> )	12" (304mm)	17" max (343.8mm)	8" (203.2mm)	V - 1" (25.4mm) Dia - L/D 30:1 - 50 grams HDPE - GP Screw	16 x 10ml 12 x 30ml 8 x 100ml 3 x 500ml	
		141cm <sup>2</sup> @ 246kgs/cm <sup>2</sup>	13.9in <sup>2</sup> @ 5500psi (6 Tonnes @ 190 kg/cm <sup>2</sup> )			4" (101.6mm)	V - 1" (25.4mm) Dia - L/D 30:1 - 40 grams HDPE - GP Screw		
<b>Ibm65V</b>	52 Tons @ 2700 psi (47.1 Tonnes @ 190 kg/cm <sup>2</sup> )	29.7in <sup>2</sup> @ 3500psi	17 Tons @ 2700 psi (15.4 Tonnes @ 190 kg/cm <sup>2</sup> )	21.75" (552mm)	9" (228.6mm)	5" (127mm)	V - 1.375" (35 mm) Dia - L/D 30:1 - 90 grams HDPE - GP Screw	16 x 30ml 12 x 100ml 8 x 250ml 5 x 500ml	
		192cm <sup>2</sup> @ 246kgs/cm <sup>2</sup>	18.9in <sup>2</sup> @ 5500psi (15.4 Tonnes @ 190 kg/cm <sup>2</sup> )			25.75" max (654mm)	V - 1.375" (35 mm) Dia - L/D 30:1 - 72 grams PVC - LC Screw		
<b>Ibm65R</b>	190 kg/cm <sup>2</sup>	122cm <sup>2</sup> @ 387kgs/cm <sup>2</sup>	190 kg/cm <sup>2</sup>	[10" with 4" str.]	R - 2" (50.8 mm) Dia - L/D 25:1 30 grams/sec - GP Screw	5" (127mm)	V - 2" (50.8 mm) Dia - L/D 30:1 - 144 grams HDPE - GP Screw	4 x 1 litre	
		190 kg/cm <sup>2</sup>	190 kg/cm <sup>2</sup>			5" (127mm)	V - 2" (50.8 mm) Dia - L/D 30:1 - 144 grams PVC - LC Screw		
<b>Ibm85SV</b>	72.1 Tons @ 2700 psi (65.4 Tonnes @ 190 kg/cm <sup>2</sup> )	41.2in <sup>2</sup> @ 3500psi	17 Tons @ 2700 psi (15.4 Tonnes @ 190 kg/cm <sup>2</sup> )	21.75" (552mm)	10" (254mm)	5" (127mm)	V - 2" (50.8 mm) Dia - L/D 30:1 - 180 grams HDPE - GP Screw	16 x 30ml 12 x 100ml 8 x 250ml 5 x 500ml	
		266cm <sup>2</sup> @ 246kgs/cm <sup>2</sup>	26.2in <sup>2</sup> @ 5500psi (15.4 Tonnes @ 190 kg/cm <sup>2</sup> )			25.75" max (654mm)	V - 2" (50.8 mm) Dia - L/D 30:1 - 144 grams PVC - LC Screw		
<b>Ibm85SR</b>	190 kg/cm <sup>2</sup>	169cm <sup>2</sup> @ 387kgs/cm <sup>2</sup>	190 kg/cm <sup>2</sup>	R - 2.5" (63.5 mm) Dia - L/D 25:1 41 grams/sec - GP Screw	4 x 1 litre	4 x 1 litre	V - 2.5" (63.5 mm) Dia - L/D 24:1 - 270 grams HDPE - GP Screw	18 x 100ml 16 x 200ml 12 x 500ml 8 x 1 litre	
		190 kg/cm <sup>2</sup>	190 kg/cm <sup>2</sup>			4 x 1 litre	V - 2.5" (63.5 mm) Dia - L/D 24:1 - 450 grams HDPE - GP Screw		
<b>Ibm135V</b>	135.4 Tons @ 2850 psi (122.9 Tonnes @ 200 kg/cm <sup>2</sup> )	77.4in <sup>2</sup> @ 3500psi	28 Tons @ 200 kg/cm <sup>2</sup>	36" (914.4mm)	10" (254mm)	6" (152.4mm)	V - 2.5" (63.5 mm) Dia - L/D 24:1 - 270 grams HDPE - GP Screw	18 x 100ml 16 x 200ml 12 x 500ml 8 x 1 litre	
		499cm <sup>2</sup> @ 246kgs/cm <sup>2</sup>	49.3in <sup>2</sup> @ 5500psi (25.4 Tonnes @ 200 kg/cm <sup>2</sup> )			4.1" max (104.1mm)	V - 2.5" (63.5 mm) Dia - L/D 30:1 - 360 grams HDPE - GP Screw		
<b>Ibm135R</b>	200 kg/cm <sup>2</sup>	318cm <sup>2</sup> @ 387kgs/cm <sup>2</sup>	200 kg/cm <sup>2</sup>	R - 3" (76.2 mm) Dia - L/D 25:1 60 grams/sec - GP Screw	6 x 2 litre	6 x 2 litre	V - 3" (76.2 mm) Dia - L/D 24:1 - 450 grams HDPE - GP Screw	12 x 500ml 8 x 1 litre	
		200 kg/cm <sup>2</sup>	200 kg/cm <sup>2</sup>			6 x 2 litre	V - 3" (76.2 mm) Dia - L/D 24:1 - 450 grams HDPE - GP Screw		
<b>Ibm175V</b>	175 Tons @ 3275 psi (158.9 Tonnes @ 230 kg/cm <sup>2</sup> )	100in <sup>2</sup> @ 3500psi	32.2 Tons (1117.6mm)	44" (1117.6mm)	10" (254mm)	6" or 7" (152.4/177.8mm)	V - 2.5" (63.5 mm) Dia - L/D 24:1 - 270 grams HDPE - GP Screw	32 x 50ml 20 x 200ml 14 x 500ml 10 x 1 litre 6 x 2 litre	
		645cm <sup>2</sup> @ 246kgs/cm <sup>2</sup>	63.6in <sup>2</sup> @ 5500psi (29.2 Tonnes @ 125.1mm)			152.4/177.8mm	V - 2.5" (63.5 mm) Dia - L/D 30:1 - 360 grams HDPE - GP Screw		
<b>Ibm175R</b>	230 kg/cm <sup>2</sup>	410cm <sup>2</sup> @ 387kgs/cm <sup>2</sup>	230 kg/cm <sup>2</sup>	R - 3" (76.2 mm) Dia - L/D 25:1 60 grams/sec - GP Screw	6 x 2 litre	6 x 2 litre	V - 3" (76.2 mm) Dia - L/D 24:1 - 450 grams HDPE - GP Screw	12 x 500ml 8 x 1 litre	
		230 kg/cm <sup>2</sup>	230 kg/cm <sup>2</sup>			6 x 2 litre	V - 3" (76.2 mm) Dia - L/D 24:1 - 450 grams HDPE - GP Screw		

CASTING AREA (1) - USED FOR HDPE-PP-PS TYPE MATERIALS for calculating maximum cavitation.

CASTING AREA (2) - USED FOR ENGINEERING RESINS for calculating maximum cavitation

(3) TRIGGER BAR - ALTERNATIVE LENGTHS AVAILABLE FOR SOME MACHINES - ASK

(4) V = VERTICAL PLASTIFIER R = HORIZONTAL REPROCATING PLASTIFIER

(5) ALTERNATIVE SCREWS ARE AVAILABLE TO SUIT SPECIFIC MATERIALS.

FULL SPECIFICATIONS & INSTALLATION DRAWINGS ARE AVAILABLE AND WILL BE SENT WHEN REQUESTED.

See Jomar Injection Blow in Jomar Headquarters, Pleasantville NJ USA

(6) LARGER MOTORS ARE AVAILABLE FOR ENGINEERING MATERIALS ON LARGER SCREWS - ASK  
 (7) TYPICAL CAVITATION listed are approximate and will depend on neck size, bottle size -shape and material processed.