

Nilkamal Limited Barjor - Specification of M/C Available IN Plant

SR NO.	DESCRIPTION	BIMD-02 MIR 1050	BIMD-04 CLF 1000	BIMD-05 CLF 1000	BIMD-09 OMEGA 450	BIMD-11 JONWAI 850	BIMD-13 JONWAI 500	BIMD-16 JONWAI 850	BIMD-19 JONWAI 500	BIMD-20 JONWAI 300	BIMD-21 JONWAI 850	BIMD-24 JONWAI 1980	BIMD-25 JONWAI 1000
GENERAL	M/C MODULE	RMPE-1050	CLF-JA-1000 T	CLF-JA-1000 T	OMEGA 450 T	JW 850 SP B	JW 500 SD	JW 850 SP B	JW 500 SER 175 ACC	JW 300 SER 175 ACC	JW 850 SER 175 ACC	JW 1980	JW 1000
	M/C MANUFACTURING NO.	WC - 9740	2000 - JA - 010	2000 - JA - 011	301943	IC 0131 TSW - 2	JD 0216	IC 0131 TSW - 2					JONWAI
	MACHINE DIMENSIONS (MTR) [LENGTH X WIDTH X HEIGHT]	13.705 X 2.4 X 3.48	15.26 X 2.5 X 2.92	15.26 X 2.5 X 2.92	8.6 X 2.24 X 2.93	13.91 X 2.25 X 3.25	8.9 X 1.9 X 2.5	13.91 X 2.25 X 3.25	8.9 X 1.9 X 2.5	7.3 X 1.7 X 2.1	13 X 2.53 X 2.44		13X2.76X2.55
	WEIGHT OF M/C (TONS)	60	65	65	23	66	21	66	21	12	57		49
	ELECTRICAL REQUIREMENTS OF MOTOR (KW)	(75X2)	(56X2) + (45X1)	(56X2) + (45X1)	55	240	100 KW (135 HP)	240	100 KW (135 HP)	52 KW (70 HP)	128 KW (172 HP)		139KW+125 KW
	ELECTRICAL REQUIREMENTS OF HEATER (KW)	94	80	80	43	76	42	76	31	21	65		58.3KW
	OIL TANK CAPACITY (LITRE)	2200	1834	1834	1080	1855	980	1855	980	787	1628		1628
	UTILIZED OIL CAPACITY IN LTR (80 % OF TANK CAPACITY)	1760	1467	1467	864	1484	784	1484	784	630	1302		1302
	GRADE OF HYD.OIL USED	46	68	68	68	68	68	68	68	68	68		68
	GRADE OF LUB.OIL USED	220	220	220	220	220	220	220	220	220	220		220
INJECTION	SCREW DIA. IN MM.	130	120	120	90	105/105		105/105	95	75	120		120
	SCREW L/D RATIO						25 : 1		25 : 1	25 : 1	25 : 1		
	THEORETICAL INJECTION VOLUME (CM ³)	7045	6330	6330	-	4154	2906	4154	2906	1369	5881		5881
	MAX.INJECTION PRESSURE (KG/CM ²) (BAR)	1765	1470	1470	1457		1476		1476	1631	1564		
	INJECTION RATE (MAXIMUM) (CM ³ /SEC)	930	1088	1088	609	848	2124	848	2124	1325	2035		1176
	MAX. SHOT WEIGHT, IN GMS (FOR JOL-KICKER)	6200	5570	5570	2179(P5)/1780(P6)	3673	2569	3673	2569	1210	5198		5198
	MAX. INJECTION STROKE IN MM.						410		410		520		520
	PLASTICISING CAPACITY. (KG/HRS)	480	349	349	375	459	338	459	338	222	510		522
	PLASTICISING CAPACITY. (grams/second)	133	97	97	104	128	94	128	94	62	142		145
CLAMP	CLAMPING MECHANISM.	TOGGLE	TOGGLE	TOGGLE	CYLINDER	TOGGLE	TOGGLE	TOGGLE	TOGGLE	TOGGLE	TOGGLE		TOGGLE
	CLAMPING FORCE (KILOGRAM FORCE) (1 N = 0.1019 KG. FORCE)	1050	1000	1000	450	850	500	850	500	300	850		1000
	DISTANCE BETWEEN TIE RODS (HORIZONTAL X VERTICAL) MM	1050 X 1050	1050 X 990	1050 X 990	830 X 830	1100 X 1000	820 X 820	1100 X 1000	820 X 820	630 X 630	1100 X 1100		1100 X 1000
	PLATENS SIZE (MM)	1610 X 1610	1590 X 1540	1590 X 1540	1200 X 1200	1570 X 1470	1190 X 1190	1570 X 1470	1190 X 1190	940 X 940	1570 X 1470		1570 X 1470
	MINIMUM MOULD HEIGHT (MM)	350	400	400	400	500	300	500	300	220	500		500
	MAXIMUM MOULD HEIGHT (MM)	1100	1200	1200	900	1100	900	1100	900	700	1200		1200
	MAXIMUM MOULD OPENING STROKE (MM)						800		800	600	1200		
	CENTERING RING DIAMETER (LOCATING RING DIA.) (MM)	250	250	250	250	250	175	250	175	160	250		250
	MAX. DAYLIGHT (DISTANCE BETWEEN BOTH PLATTEN) (MM)	2300	1200	1200	1100	1200	1700	1200	1700	1300	2400		2400

For NILKAMAL LIMITED

Manager (Factory)
(Panchdew Giti)

Specification of Roto moulding machines.

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SR NO.	DESCRIPTION	BROT-01-Roto Molding M/c-41 A/ 2200 (4 ARM)	BROT-05 Roto Molding M/c-VI-4-1000X2 SP
1	Model No of Machine	RSH-32	VI-4-1000X2 SP
2	Make of Machine	REINHARDT	VINODRAI ENGINEERS PVT LT
3	Heating Medium	LPG	LPG
4	Heating capacity of the burner	680 KW	395 KW
5	Operation Temperature	400 °C	400 °C
6	Blower Motor	7 KW	11 KW
7	Burner Motor	0.76 KW	-
8	Exhaust Blower Motor	2.20 KW	2.20 KW
9	Gear Motor	24.00 KW	2.20 KW
10	Arms	4 STRAIGHT	4 STRAIGHT
11	Arm load capacity	1,000 kg	650 kg
13	Arm Indexing	INDEPENDEN	INDEPENDEN
15	Drive	MITSUBISHI	ALLEN BRAD
16	Cooling Point	2 Nos	2 Nos
17	No. of Temperature Sensor	1 Nos	3 Nos

For NILKAMAL LIMITED


 Manager (Factory)
 (Panchdew Giri)