



SINCE : 1994

Metal Cutting Solution **ANYWHERE any APPLICATION**

DOUBLE COLUMN CNC, FULLY & SEMI AUTOMATIC, SWING TYPE & VERTICAL BAND SAW MACHINE

• **P**RECISE • **P**RODUCTIVE • **E**CONOMIC • **H**EAVY DUTY • **S**AFE

**SEMI AUTOMATIC BAND SAW MACHINE
WITH HYDRAULIC MATERIAL FEEDER
MODEL : BDC - 1000 M**



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MULTICUT MACHINE TOOLS
BARODA - 390 010. (GUJARAT) INDIA

DOUBLE COLUMN BAND SAW MACHINE : (AUTOMATIC & SEMI-AUTOMATIC)



Technical Data	BDC-200 A	BDC-300 A	BDC-360 A	BDC-420 A	BDC-550 A	BDC-650 A	BDC-800 M	BDC-1000 M	BDC-1200 M
Cutting Capacity Round Dia. mm.	200 mm	300 mm	360 mm	420 mm	550 mm	650 mm	800 mm	1000 mm	1200 mm
Cutting Capacity Rectangle mm.	200 x 200 mm	300 x 300 mm	360 x 390 mm	420 x 460 mm	550 x 600 mm	650 x 750 mm	800 x 850 mm	1000 x 1100 mm	1200 x 1300 mm
Main Drive H.P. (1440 Rpm)	3 Hp.	5 Hp.	7.5 Hp.	10 Hp.	10 Hp.	12.5 Hp.	15 Hp.	20 Hp.	25 Hp.
Hydraulic Motor H.P. (1440 Rpm)	1.5 Hp.	1.5 Hp.	2.0 Hp.	2 Hp.	2 Hp.	2 Hp.	3 Hp.	3 Hp.	3 Hp.
Coolant Motor H.P. (1440 Rpm)	0.14 Hp.	0.14 Hp.	0.33 Hp.	0.33 Hp.	0.50 Hp.	0.50 Hp.	0.50 Hp.	0.50 Hp.	0.50 Hp.
Cutting Speed (m / min)	15 - 95	15 - 95	15 - 90	15 - 90	15 - 90	15 - 90	15 - 80	15 - 80	15 - 80
Blade Size	3760 x 27 x 0.9	4100 x 34 x 1.1	4860 x 41 x 1.3	5800 x 41 x 1.3	6900 x 67 x 1.6	6900 x 67 x 1.6	8800 x 67 x 1.6	12300 x 80 x 1.6	13900 x 80 x 1.6
Floor Space for Automatic L x W x H mm	2200 x 2100 x 1800	2600 x 2200 x 1800	3100 x 2400 x 2100	3400 x 2400 x 2500	3700 x 2600 x 2700	4300 x 2900 x 2900	4800 x 3100 x 3000	6000 x 3600 x 3400	6600 x 3600 x 4200
Single Indexing Stroke (mm For Automatic)	0 to 400 mm	0 to 600 mm	0 to 600 mm	0 to 600 mm	0 to 600 mm	0 to 400 mm	0 to 300 mm	0 to 300 mm	0 to 300 mm
Multiple Indexing Stroke (mm for Automatic)	9 times	9 times	9 times	9 times	9 times	9 times	-	-	-
Band Tension	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Saw Feed Control	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Hydraulic Tank Capacity (Litre)	70 Litre	80 Litre	90 Litre	90 Litre	90 Litre	120 Litre	120 Litre	140 Litre	140 Litre
Coolant Tank Capacity (Litre)	30 Litre	50 Litre	60 Litre	60 Litre	80 Litre	80 Liter	90 Litre	90 Litre	90 Litre
Net Weight Automatic M/c. (Approx.) Kg.	2050 Kg.	2650 Kg.	4500 Kg.	5100 Kg.	5800 Kg.	8200 Kg.	10500 Kg.	13500 Kg.	17250 Kg.
Net Weight Semi - Automatic (Approx.) Kg.	1650 Kg.	2150 Kg.	2950 Kg.	3350 Kg.	4550 Kg.	5850 Kg.	7650 Kg.	10500 Kg.	13250 Kg.
Total Power H.P.	4.64 Hp.	6.64 Hp.	9.83 Hp.	12.33 Hp.	12.5 Hp.	15 Hp.	18.5 Hp.	23.5 Hp.	28.5 Hp.
Cutting Taper Accuracy, For En-8 mm / 100 mm	± 0.2 mm	± 0.2 mm	± 0.2 mm	± 0.2 mm	± 0.2 mm	± 0.3 mm	± 0.3 mm	± 0.3 mm	± 0.3 mm
Cutting Length Accuracy mm/Index	± 0.2 mm	± 0.2 mm	± 0.2 mm	± 0.2 mm	± 0.2 mm	± 0.2 mm	-	-	-

STANDARD ACCESSORIES

- HYDRAULIC BAND TENSION
- AUTO SAW FRAME HEIGHT ADJUSTMENT
- HYDRAULIC FULL STROKE CLAMPING
- STEPLESS CUTTING FEED REGULATION
- CARBIDE & ROLLER BLADE GUIDE
- COMPLETE HYDRAULIC SYSTEM
- COMPLETE ELECTRICAL SYSTEM
- COMPLETE COOLANT SYSTEM
- POWER DRIVEN CHIP BRUSH
- PRECISE LENGTH SETTING COUNTER
- HARD CHROME & GROUND SOLID GUIDE RODS
- IMPORTED SELF LUBRICATING BEARING BUSH
- FAST APPROACH OF BLADE
- STEP PULLEY WITH "V" BELT
- SPLIT FRONT VICE
- MULTIPLE INDEXING
- PRESET PIECE COUNTER
- BLADE BREAKAGE SENSOR
- MACHINE INSTRUCTION MANUAL
- 1 NO. BIMETAL BANDSAW BLADE
- MACHINE LAMP

OPTIONAL ACCESSORIES

- MATERIAL SUPPORT ROLLER STAND
- HYDRAULIC BUNDLE CLAMPING
- CHIP CONVEYOR
- VARIABLE VICE PRESSURE
- AUTOMATIC LUBRICATING SYSTEM
- INFINITELY VARIABLE AC FREQUENCY DRIVE
- POWER OPERATED MATERIAL FEED ROLLER TABLE
- TWO YEARS MAINTENANCE SPARES
- HYDRAULIC SEAL KIT
- TOOL KIT & MAINTENANCE KIT
- PLC CONTROL SYSTEM
- BELLOW / SLEEVES FOR COLUMNS

NOTE :

- (1) ABOVE SPECIFICATION, DATA & DESIGN ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE FOR MODIFICATION & IMPROVEMENT.
- (2) OPTIONAL ACCESSORIES SHOWN IN MACHINE PHOTOGRAPHS ARE AT EXTRA COST.



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