VERTICAL BANDSAW MACHINE

2 Wheel / 3 Wheel / 4 Wheel / Runner Riser Cutting Machine / X-Y-Z Axis Cutting / Spring Cutting Machine (With Fixture) / Aluminum Slab Cutting Machine /Graphite Cutting Machine / Crank Shaft Cutting Machine / Tilting Head / Tilting Table Type / Hydraulic Feeding Vertical Bandsaw Machine

- Fully Automatic Aluminium Slab cutting of Size 1500 X 300 X 6000 mm
- Cutting Head Travel of 6.0 Meters.
- Movement of Cutting Head on LM Guide way via rack Pinion geared motor.
- Inside & Outside table for cutting material of 1500 x 6000 mm.



X&Y AXIS 750X3000 CUTTING HEAD MOVABLE VERTICAL BANDSAW MACHINE

- Automatic / Semi-automatic / Manual operations are available
- Cutting capacity 200-650 mm
- Hydraulic Blade Tensioning arrangement
- Indexing of material via Hydraulic Cylinder.Automatic machine stop in case of blade broken.
- Standard Colour Polyurethane Paint: Off White & Grey.





300 V2 SEMI-AUTOMATIC

VERTICAL BANDSAW MACHINE

$Tilting\,Head\,/Tilting\,Table\,Vertical\,Bandsaw\,Machine$

- Hydraulic Blade Tensioning arrangement.
 Miter cutting up to 45° in either directions.
- Cutting Capacity of 200 mm in 45°.

Application

- Rail Slitting work.
- Sprocket and expansion joints.
- Aluminium cast Slab ends cutting online.Die Cast Runner & Riser Cutting.
- Spring Cutting with Fixture.

Optional Supply –

- Variable Frequency Drive.
- Hydraulic Table Feed.
- Butt Welder (Suitable for CS blades only).
- Automatic Lubrication System.

*Customized design as per requirement is also available.

210 LMGS SEMI-AUTOMATIC DOUBLE COLUMN

BANDSAW MACHINE



TECHNICAL SPECIFICATIONS

SPECIFICATION	200 SCM	200 SCH/ACH	210 LMGS	210 LMGA/LMGS	300 LMGA/LMGS	360 LMGA/LMGS	460 LMGA/LMGS	530 LMGA/LMGS	650 LMGA/LMGS	800 LMGA/LMGS	1000 LMGA/LMGS
Cutting Capacity	200 mm	200 mm	210 mm	210 mm	300 mm	360 mm	460 mm	530 mm	650 mm	800 mm	1000 mm
Drive Motor	1 HP	2 HP	2 HP	3 HP	5 HP	7.5 HP	10 HP	12.5 HP	12.5/15 HP	15 HP	20 HP
Hydraulic Motor	N/A	0.5 HP	0.5 HP	1 HP	1.5 HP	2 HP	2 HP	3 HP	3 HP	3 HP	3 HP
Coolant Motor	0.12 KW	0.16 KW	0.16 KW	0.16 KW	0.16 KW	0.16 KW	0.16 KW	0.25 KW	0.25 KW	0.25 KW	0.25 KW
Gear Box	N/A	Worm Gear Box	Worm Gear Box	Helical / Worm							
System Control	Manual	Semi Automatic	Semi Automatic	Auto/Semi-Auto							
Bandsaw Blade	3000x27x0.9	2910x27x0.9	3505x27x0.9	4000x34x1.1	4400x34x1.1	4860x41x1.3	5800x41x1.3	6900x54x1.3	8000x67x1.6	8800x67x1.6	12300x67x1.6
Blade Speed	20-70 mtr/min	20-90 mtr/min	20-80 mtr/min	20-90 mtr/min	20-80 mtr/min	20-80 mtr/min	20-60 mtr/min				
Blade Tensioning	Manual	Manual	Manual	Hydraulic							
Job Clamping & Updown	Manual	Hydraulic									

FORGING		AUTOMOBILE					GOVERNMENT					ENGINEERING		
HOSH ENERGY MATERIAL RESEARCH LABORATORY PUNE	HEARY VEHICLE FACTORY ANADI CHENNAI	INDIAN SINCE RESERVICE ORGANIZATION NAVIGACINE	CREY REN IOUNDARY	GROMANCE PACTORY PROJECT MEDAS	HIRDUSHA ARCHAUTUS UNITED MASAUSHI	DIESEL LOCOMOTIVE WORKS PATIALA	HEG UINITED BHOMAL	DEDMANCE FACTORY AMERICATION	ORDNANCE FACTORY BHUSAWAL	UKL UNI KLINGER LIVEENZELINIED PENE	GOVE COLLEGE OF EMISS. & TEXTILE TECH. ECHHAMICOR	NUCLEAR FUEL COMPLEX HYDERARAD	OR ME SON N C L HOTHER COLUMN I METER SWORM	METAL & STEEL
ORDNANCE FACTORY	BHABHA ATOMIC PESSANCH CENTRE TAGAPUR	ELECON PERSONNERALS LIMITED GLIBAT	Skoft Shipped SHOPS SHOP SHOWED	BHANDARI BHANDASI FOLS 8 TUBES UMITED DEWAS	BU PAGRATI BHOTHERS BHASIRETH EROTHORS (AUSK AUTO) FITHAMPUR	DAFLING PUMPS PVT. LTD. INDORE	DIESEL LOCOMOTIVE WORKNAMAS	NELSON GLOBAL PRODUCTS PVT. LTD. PUNE	HOSTEVERS FM FASTRERS VADODARA	MAURER SANFIELD INDIA UMITED BHOPAL	Deserra DEXTRA GROUP MUMBAI	CURITOR PATE LIST UNIT CAPORTS PATE LTD.	OSCINANCE FACTORY PROJECT HOPAX PANCET	TOSHBA T & DISTRIBUT HYDERA

WE ALSO MANUFACTURE SPECIAL PURPOSE CUSTOMIZED MACHINE AS PER INDIVIDUAL REQUIREMENT.

MEC TECHNOLOGY, 306 A-1, Sector E, Sanwer Road, Indore - 452015 (M.P.) India Ph. 0731-4975540, Mob.: +91 93016 65275, +91 93294 38246, +91 99939 43957, +91 97547 60715 Email : wearemec@gmail.com, Website: www.mectechnology.co.in

* The Above Specification & Designs are subjected to change without prior not







(Band Saw & Circular Saw Machine Manufacturer)



300 LMGA AUTOMATIC DOUBLE COLUMN

BANDSAW MACHINE

INNOVATIVE SOLUTION FOR ACCURATE AND EFFECTIVE METAL CUTTING

MEC TECHNOLOGY

Website: www.mectechnology.co.in, Email : wearemec@gmail.com

CIRCULAR SAW MACHINES

(CNC and NC CONTROLLED CIRCULAR SAW MACHINE WITH TCT as well as HSS SAW CUTTER)

FANC CIRCULAR SAW MACHINE is the benchmark of productivity in Mass Production Applications. Such Machines used for productivity by replacing Bandsaw Machines, Shearing machines, and Lathe Machines.

Easy operating features and a robust design for precise cuts make this saw a must -have when it comes to serial cutting of medium or large lot sizes. Outstanding cutting performance and long saw blade life due to the robust and sturdy machine base which helps reduce vibration and



100 FANC CIRCULAR SAW MACHINE



Applications Of Circular Saw Machines

- Forging Units.



70 FANC CIRCULAR SAW MACHINE

- Most Suitable for Cold Forge Shops as very
- Automobile Industries.



- close weight variation in cut piece.
- Cutting Traders.
- Infrastructure. • Fasteners Manufacturing .

FULLY AUTOMATIC DOUBLE COLUMN BANDSAW MACHINES

210 - 460 mm LM Guide way Double Column Automatic / Semi-Automatic Bandsaw Machine.



- Cutting Head Guided in to vertical High Precision Anti-Friction LMG Bearings for smooth movement.
- High Efficiency power transmission to saw through Helical Gear Box
- Heavy Duty Pillar type hydraulic blade tension assembly.
- Infinitely variable feed control valve
- Rapid Approach of saw frame to save idle time.
- Cycle sequencing through PLC.
- Automatic machine SWITCH OFF, in case of Blade Broken

FULLY AUTOMATIC DOUBLE COLUMN BANDSAW MACHINE

Optional Features

- Hydraulic Bundle Cutting Attachment.
- Electrically Driven Swarf Conveyor.
- Automatic Hydraulic Feed Regulation System.
- Automatic Lubrication system for all moving parts • Floating Shuttle vice for un-even material.
- Powerised Wire Brush unit.
- Roller Support Stand as required.

TECHNICAL SPECIFICATION

Cutting Capacity 1 HP Drive Motor Coolant Motor 0.12KW Feed Control Hvdraulic Bandsaw Blade 3000 x 27 x 0.9 20-70 mtr/min Blade Speed Blade Tensioning Manual Job Clamping & Up Manual

SWING TYPE SEMI AUTOMATIC BANDSAW MACHINE







400 LMGS

SEMI-AUTOMATIC HORIZONTAL BANDSAW MACHINE

SWING TYPE SEMI AUTOMATIC BANDSAW MACHINE Precise hard metal saw band guides.

- saw head pivot embedded in pre-stressed conical
- 27mm saw band for excellent cutting performance. Very simple and fast angle adjustment for cuts in the
- range of +45° to +60° • A quick-acting hydraulic clamping vice provide for a broad application range.
- Frame lifting and the cutting feed have a hydraulic
- The cutting feed can be adjusted on the control panel.

DOUBLE COLUMN LM GUIDES HORIZONTAL BANDSAW MACHINE



- $\bullet \quad \text{Anti Friction LMG Bearings for smooth movements of cutting head.} \\$
- Separate Hydraulic Power pack for easy maintenance.
- Movable blade guide arm for precise cutting and better tool life.
- Inbuilt coolant with pump with High pressure coolant jets. • Friction Type rotating cleaning wire brush.
- The cutting feed can be adjusted on the control panel.

DOUBLE COLUMN HORIZONTAL BANDSAW MACHINE

Optional Features Available

- Highly Precision length setting through Servo System.
- Accurate variable down feed through Proportional Valve.
- Hydraulic Bundle Cutting Machine
- Automatic Lubrication System for Main columns.
- A C Frequency control Drive for variable band speed.
- Micromist coolant arrangement
- Blade Tension meter for periodic checking of blade tension
- Electrically Driven Swarf Conveyor System.



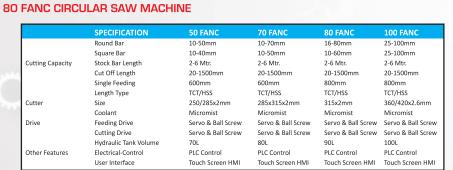
MEC 850 LMGA MITER CUTTING DOUBLE COLUMN HORIZONTAL BANDSAW MACHINE MEC Infrastructure.

Applications of Bandsaw Machines -

- Steel Industries.
- Cutting Traders.
- Brass / Aluminium / Copper cutting. Pipe / Tube Mill Industries.
- Automobile Industries.
- Engineering Units.

850 LMGA

DOUBLE COLUMN HORIZONTAL BANDSAW MACHINE



THESE MACHINES REQUIRE STABILIZED POWER SUPPLY OF 3 PHASE 415 VAC, TO AVOID ANY MALFUNCTIONING OF SENSITIVE SERVO MOTORS AND DRIVES. IT IS RECOMMENDED TO HAVE A SERVO STABILIZER. THESE MACHINES WORK WITH MICRO-MIST COOLING ARRANGEMENT, WHICH REQUIRES DRY AIR AT 4 BAR PRESSURE & 10 CFM REGULAR SUPPLY AIR INPUT LINE