



MAKE IN INDIA

VEW

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OUR VALUABLE CUSTOMERS

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- SK ENGINEERING & DEVELOPMENT, Palus Kirloskar Wadi
- FITS ENGINEERING, Coimbatore
- JDS, Coimbatore

**Horizontal Swing Type
Band Saw Machine**



- Heavy Duty... High Speed
- High Productivity
- Large Cross Section of Swing Frame
- Integral Front & Rear Bed Design

Model
FCAF 245



FULLY AUTOMATIC

HORIZONTAL BAND SAWING MACHINE

HBM - 250

- Rugged & Heavy Duty
- Better Cutting Performance
- Highly Productive
- Higher Cutting Rate



HORIZONTAL BAND SAWING MACHINE, MODEL-HBM 250



HIGHLIGHTS

The machine with a capacity to cut upto 250 diameter is distinguished by its robust and compact construction and its capability to cut a wide range of materials with maximum productivity. It is designed for use of Bi-metal bandsaws.

- It is suitable for cutting bars in bundles, tubes and different profiles.
- Wide and stepless range of cutting speeds.
- Length of cut be set on a digital display within 0.1mm and upto a maximum of 400mm in single stroke.
- Number of pieces to be cut can be programmed and machine will stop after programmed number of pieces are cut.
- For longer cutting lengths multi-indexing upto 9 x 400 i.e. 3600mm is feasible



SPECIFICATIONS

Cutting Capacity	<input type="checkbox"/> 250 mm <input type="checkbox"/> 300 x 175 mm <input type="checkbox"/> 250 x 250 mm
Blade Size	3505 x 34 x 1.1 mm
Blade Speed	25-100 m/min (Stepless VFD Drive)
Blade Tension	Spring loaded (Manual) Hydraulic Band Tension
Shuttle Feed	Single stroke 400 mm Multiple stroke 9 x 400 mm
Work table height	700 mm
Motors	Blade drive @ 250 mm Hydraulic 300 x 175 mm Coolant 250 x 250 mm
Machine weight	1250 kg
Floor area L x B x H	1975 x 1880 x 1740 mm
Due to continuous improvement of the product, VEW reserves all rights to change the above specifications without any prior notice.	

STANDARD FEATURES

- Infinitely variable speed drive for band.
- Precise hydraulic down feed system
- Shuttle type auto hydraulic feed
- Hydraulic dual vice clamping system
- Programming No. of pieces with auto-shut-off
- Spring loaded carbide blade guides
- Out of stock shut-off
- Power driven blade cleaning brush
- Ideal wheel motion detector with blade stalling and breakage shut-off
- Multiple indexing for longer length cutting
- Split front vice
- Rapid approach & auto work height control
- Coolant system
- Gear box with worm and worm wheel
- One Bi-metal band saw blade
- Operating tool kit and manual
- Machine Lamp

OPTIONAL EQUIPMENT

- Nesting Fixture for bundle clamping for max. width 100-200 and height 50-150.
- Roller stock table for 2 meter long
- Chip Conveyor
- Variable Vice Pressure

HORIZONTAL SWING TYPE BAND SAW MACHINE - FCAF 245



SPECIFICATIONS

Cutting Capacity	250 & 230x230mm
Blade Size	3760 x 27 x 0.9mm
Feed Length	0-400 mm
Drive Motor	3 H.P.
Hydraulic Motor	1 H.P.
Coolant	0.15 H.P.
Machine Operations	Hydraulic
Cutting Speed	22, 44, 66, 88 m/min (4 step SPZ-pulley)
Variable Speed	20-100 m/min bt VFD, Optional
Band Tension	Manual
Overall Size LxWxH	1975 x 1950 x 1730 mm
Machine Weight	950 kg
Bundle Cutting Size [Optional Equipment]	110- 150W x 60-100 H mm



VERTICAL SAW HEAD

Vertical saw head is supported by two rigid pedestal bearings. Blade is guided by two hardened guide roller & tungsten carbide wear parts. Blade tensioning & releasing is done by manually.

SAW FEED

"Up & Down" motion of head is controlled by one hydraulic cylinder. Feed for various materials is regulated by pressure relief valve.

CLAMPING

Clamping of job is done by hydraulic vice. The jaw of the vice is perpendicular to the blade. The moving jaw of the vice clamps the job with sufficient hydraulic pressure. For tube cutting variable vice pressure system will be available as optional accessories.

ACCURACY

Taper 0.1mm for 100 mm. Length +0.2mm

BAND WHEELS

Drive & driven wheels with optimum centre distance gives smooth blade twisting force which results in excellent performance of blade.

STANDARD EQUIPMENTS

- 1) Complete electrical equipment with panel board, limit switch & electric motors
- 2) Complete hydraulic system with Yuken make DC valve
- 3) Coolant system with pump and piping
- 4) Power driven chip brush for easy chip removal from blade
- 5) One M42 grade Bimetal blade.
- 6) Operation tools & spanners.

OPTIONAL EQUIPMENTS

- 1) Chip brushes
- 2) Roller table 1500 mm
- 3) Bimetal band saw blade
- 4) Variable vice pressure
- 5) Nesting fixture assembly for bundle cutting upto @35 mm polish bars.

