



**VIJAY
MACHINERY**
The technology for the next generation.

VIKRANT

DOUBLE COLUMN

FULLY-AUTOMATIC HIGH SPEED BAND SAW MACHINE



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Model Number	VIKRANT 300NC
Cutting Cap. Round	300 mm
Smallest Size to be Cut	10 mm
Cutting Cap. Square	300mm(H) x 300mm(W)
Bundle Cutting Size	300mm(W)x160mm(H)
Shortest Length of Cut-off Piece	5 mm
Shortest Remnant Length In Automatic Operation	125 mm
Blade Size	4115x34x1.1 mm
Blade Speed	15 To 80 (With VFD)
Saw Motor	5HP ,3.75 kw
Hydraulic Motor	2Hp , 1.5 kW
Coolant Pump	0.18HP
Total Connected Load	8HP - 6KW
Hydraulic Tank(L)	60 Liter
Coolant Tank (L)	80 Liter
Multiple Feed Stock	500 mm x 9time
Saw Feed Speed	1-350 mm/min
Work Flore Height	765 mm
Machine Dimension	2350x2350x1520(WxLxH)mm
Machine Wight Kg	2100 KG.



Helical Gearboxes are designed for high efficiency and smooth operation, ideal for heavy-duty applications. They provide superior torque transmission with reduced noise levels and increased durability. Precision-engineered to meet industrial standards, ensuring reliable performance



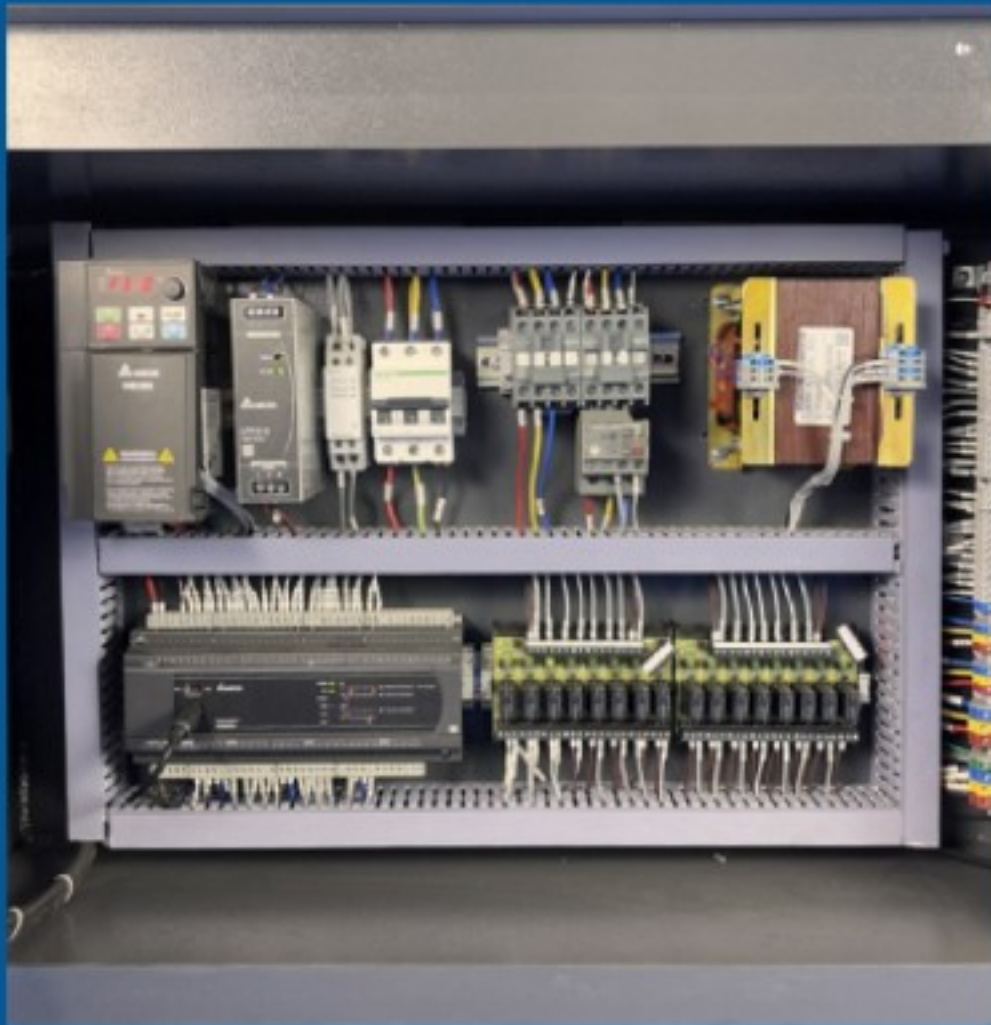
"Center-aligned blade design allows efficient cutting with minimal material wastage. Enables precise automatic cutting, reducing cycle time and improving productivity. Supports smooth cutting of small thickness sections with enhanced stability and accuracy."



Power drive chip brushes are essential for removing chips and debris from the cutting area, ensuring smooth operation. Designed for durability and efficiency, they maintain the blade's performance and longevity. Ideal for keeping bandsaw machines clean and precise.



Hydraulic power pack air coolers are designed to maintain optimal oil temperature for efficient system performance. They enhance the durability and reliability of hydraulic components by preventing overheating. Compact and robust, they are ideal for continuous industrial operations



"Engineered as per CE standards for safety and reliability. Equipped with PLC, VFD (Variable Feed Drive), and low-voltage components for precise control. Ensures efficient performance with well-organized wiring and an advanced electrical panel."



Bandsaw machine control panels with touch displays offer intuitive and user-friendly operation. They provide precise control over cutting parameters, enhancing productivity and accuracy. Designed with advanced technology, these panels ensure seamless functionality and easy monitoring



"Integrated with advanced safety sensors to ensure operator protection and machine reliability. Designed to detect and prevent potential hazards, enhancing workplace safety. Ensures smooth operation with automatic safety monitoring and emergency stop features."

Advance Future

- CE Safety Protection (Electric)
- LED Working light
- Auto shut off in case of Blade breakage or slippage.
- HMI + Buttons
- Main Drive Control VFD (Inverter)
- Material Detection Device
- Hydraulic Cooling Fan(Radiator)
- Chip brush for effective chip removal from blade.
- Saw frame height selector gauge
- NC Control Material Feeding hydraulic Driven
- Main Helical Gear Drive (SEW Euro Drive)
- Single Vise Clamping
- Split Vise Clamping
- Manual Movable Guide ARM



"Equipped with an automatic bandsaw indexing table featuring a floating vice for superior length accuracy. Ensures precise material positioning with minimal clamping force variations. Enhances cutting efficiency and consistency for long work pieces."

Component and Brand

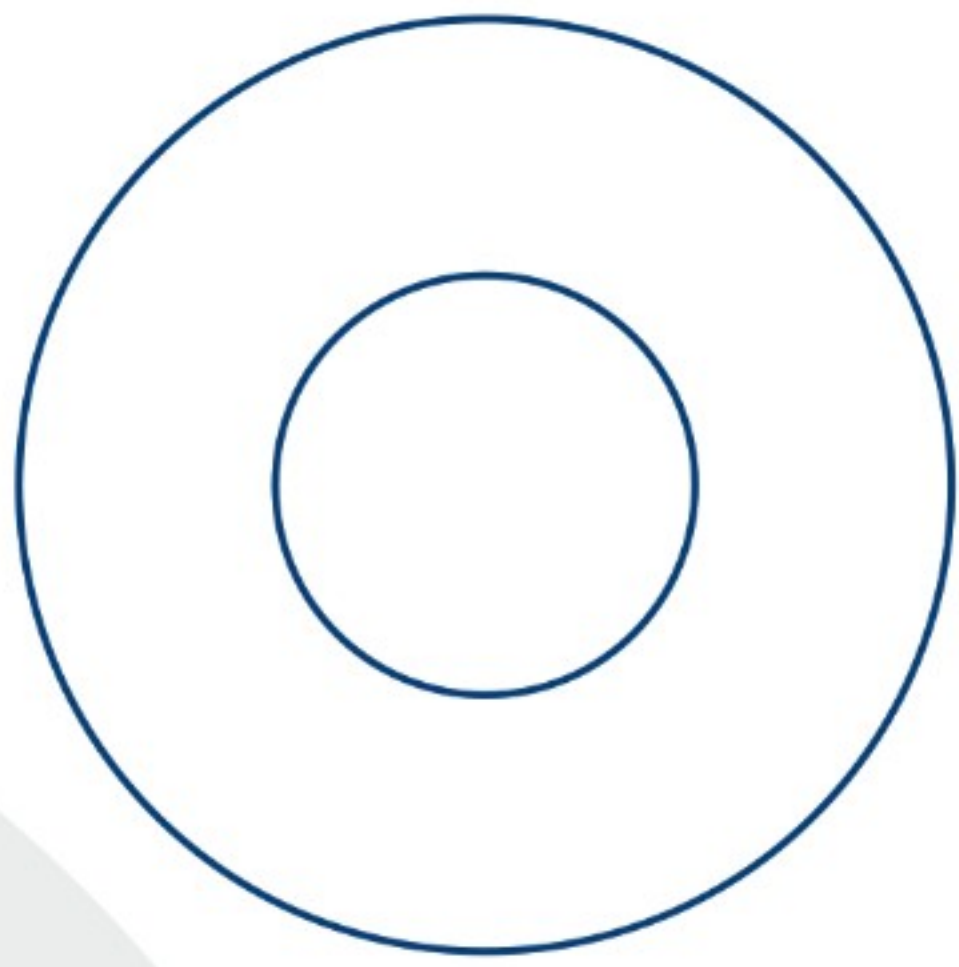
- Saw Motor Lakhi , Lubi LHP
- Coolant pump Rajamani
- Liner Scale Insize
- Low Voltage Electric Components Schneider and Siemens
- Sensor and limit Switch Autonics Taiwan
- Flow Control Valve Rexroth
- Hydraulic Direction Valve Yuken
- All Bering SKF & FAG &NTN JAPAN



"Features a hydraulic blade tensioning system with a pressure gauge for precise adjustments. This ensures accurate blade tension for optimal cutting performance. Achieve consistent results with easy and reliable hydraulic tension control."

Standard Accessories

- Operation Tools & Spanner Set
- Bi Metal Band Saw Blade
- Vibration Pad (Leveling Pad)



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