



SPM TOOLS

Fully
Automatic



Double Column Band Saw Machine

DCA 330

- Better Cutting Performance
- Highly Productive
- Higher Cutting Rate





Double Column Band Sawing Machine, Model - DCA 330

"SPM" Horizontal Double Column Fully Automatic Band Saw Machine DCA 330 is a very rigid, sturdy machine and torsion free in construction.

SAW HEAD : Saw Head unit is supported by two rigid hard-chrome plated and ground vertical columns and sturdy M.S. fab frame well lubricated.

The blade is guided by roller and carbide wear pads. The blade can be tightened released hydraulically. The blade is hydraulically tightened to the recommended tensile strength for the Saw Blade. The saw has sufficient driven power. The rapid approach system ensures that minimum time is taken even for small jobs.

SAW FEED : Saw Feed "Up and Down" motion is controlled by hydraulic cylinder and regulated by a pressure regulated feed valve & servo valve.

CLAMPING & FEEDING : This is controlled by hydraulic vices. The jaws of front and rear vices are in one straight line and perpendicular to the blade. The moving jaws of both the vice clamp the job with sufficient infinitely variable hydraulic pressure for safe clamping of hollow & thin walled tubes too.

CUT OFF LENGTH : Cut-off length can be set upto 0.1mm on the mechanical digital counter by a hand wheel.

ACCURACIES : Length ± 0.2 mm, Taper 0.1mm for 100mm.

PRE-SELECTION COUNTER: Pre determined No. of pieces to be cut, can be set on the piece counter and the machine stops after cutting the set of quantity.

CHIP CONVEYOR (Optional): Chip Conveyor can be provided at an extra cost, to remove Swarf from the machine.

SAFETY : Adequate safety guards and necessary interlocks are provided for safe working of the machine. Automatic stop of saw frame are the other features of the machine.

POWER SWARF BRUSH : Power driven brush mounted on straight shaft and two ball bearings is provided for efficient chip removal.

Standard Equipments :

- 1) Complete electrical equipment including motors.
- 2) Complete hydraulic system
- 3) Hydraulic feed with automatic controls of cutting pressure & overload protection.
- 4) Complete coolant system with pump & piping.
- 5) Power driven brush for Chip removal.
- 6) Gear Box with worm & worm wheel
- 7) One bimetal blade
- 8) Operating tools and spanners.

Optional Accessories :

- 1) Chip Conveyor
- 2) Chip Brushes
- 3) Roller Table 1500mm
- 4) Bimetal Band Saw Blade
- 5) Variable Vice Pressure
- 6) Nesting fixture for bundle clamping

SPECIFICATIONS :

	Units	DCA 330
Cutting Range	mm	330 \square
Feed Length Range	mm	0-400
Construction	---	Double Column
Cutting Speeds (stepless)	m/min.	25-80
Total Power	KW	4.7
Operating Voltage	---	440 V, 50 Hz, 3ph
Space Requirement	mm	2270 x 2100
Net Weight	tonnes	1.5
Height	mm	1700
Blade Size	mm	3920 x 34 x 1.1
Band Tension	---	Hydraulic
Saw Feed Control	---	Hydraulic
Head Elevation, clamping & Feed vices	---	Hydraulic

Due to continuous improvement of the product, SPM reserves all rights to change the above specifications without any prior notice.



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