

The Promise of Quality & Value™

STA

STEELTECH™

Semi Automatic

Double Column Band Saw Machine

Model : DCM 340, 460, 550, 650



- **Heavy Duty High Speed**

- **High Productivity**

- **Large Cross Section of Saw Head**

Specifications

MODEL	DCM 340	DCM 340 F	DCA/DCM 460	DCM 550	DCM 650
Cutting Capacity	□ 340 ø 340	□ 340 ø 340	□ 460 ø 460	□ 550 ø 550	□ 650 ø 650
Blade Size	4570x34x1.1	3920x34x1.1	5300x41 x 1.3 mm	6270x41 x 1.3 mm	7600x54 x 1.6mm
Feed Length	---	---	0-400 mm	---	---
Drive Motor	3 HP	3 HP	5 HP	7.5 HP	10 HP
Hydraulic Motor	1 HP	1 HP	1.5 HP	2 HP	2 HP
Coolant Motor	0.15 HP	0.15 HP	0.15 HP	0.2 HP	0.2 HP
Band Tension	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic

Vertical Saw Head

Vertical Saw Head is supported by two Rigid Induction hardened & Hard Chrome plated & ground columns. Blade tensioning is done by manual/Hydraulically operated cylinders. Auto height sensor optimizes ideal position of blade with least down time.

Saw Feed

Vertical Saw Head up down motion is controlled by two hydraulic cylinders. Feed for various material is regulated by temperature and pressure compensated flow control valve. FFC valve is provided to control the cutting pressure required for various types of materials & different tensile strength and BHN.

Clamping

Clamping of job is done by hydraulically operated vice jaws. Fixed Vice Jaws are perpendicular to the blade. The moving Vice clamps the job with sufficient work pressure. For tube cutting variable vice pressure will be provided as optional accessories.

Floating Vice Jaws

To accommodate bend black bars, floating vice jaw arrangement is provided for shuttle vice. This feature comes only in fully Automatic Double Column Model.

Accuracy

Taper 0.1 mm for 100 mm. Length \pm 0.2 mm

Band Wheels

Drive & driven band 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 up to ϕ 35 mm polish bars.

Manufactured by:

STEELTECH AUTOMATIONS

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