

PRECI-CUT



Double Column Band Saw Machine

MODEL : DCA-260F / DCA-350F



Fully Automatic

- **Precise Cut Length Setting**
- **Hydraulic Band Tensioning**
- **Brozed Tungsten Carbide Wear Parts**
- **Floating Rear Fix Vice Jaw to accommodate slight Bend Box.**
- **High Productivity**
- **Low Cost per Cut**

Precise cut length setting

A convenient digital read out control located at the operators station provide easy selection of precise bar length requirement. The digital read out is calibrated in 0.10mm and can be re-positioned without interruption to cutting cycle. Auto Head Elevation & quick approach.

Raising the blade higher than necessary to clear the work for the next cut waste time. Head elevation is controlled automatically and no longer requires the operator's attention.

A control device that senses the size of the work piece permits the saw head to raise just high enough so that the blade clears the work. This reduces the index cycling time significantly.

Nesting Fixture

The Hydraulically operated nesting fixture is designed for high production multiple sawing of stacked polish bars, small rounds & tubes. The fixture consists of vertical cylinder for Front fix vice & Index shuttle vice. It hold the stacked bars firmly & prevents centre bars from turning .

Standard Features

- Hydraulic power pack with Direction Control Valves,
- High efficiency helical gear box of Bonfiglioli make.
- Stepped pulley drive with 4 steps.
- Digital Preset counter with Green & Red display.
- Indexing shuttle vice for automatic bar feeding.
- Automatic Machine OFF, in case of Blade Breakage.
- Induction Hardened & Hard chrome plated Columns .
- Automatic height adjustment for saw frame to save idle time.
- Floating Vice jaw to accommodate Bend bars.
- Power driven wire brush for effective chip cleaning.
- Length setting thru Elessa Meter & Lead screw arrangement.

Cut piece counter & Index counter

The cutting piece counter is used to preset the number of cuts require on automatic operation. When the counter reaches the preset number the saw automatically stops. The Index counter makes it possible to multiply the no. Of index cycles when pieces longer than 400mm required.

Idle wheel motion detector

This device not only can protect the saw blade from damage if the blade overloads during cutting, but also shut off the machine if the blade breaks.

Floating vice jaws

For un- interrupted cutting cycle Float to rear fix jaw is provided to accommodate slight bend bars without stucking in auto cycle .

Variable Frequency Drive (Optional Feature)

Variable frequency drive Facilitates to vary the blade speed infinite variable between 20-100 meter / minute. LED Band speed tachometer also can fit on control panel to ease of control to operator to select the band speed. (This is optional feature).

Standard Accessories

- Bimetal Bandsaw blade mounted on machine 01 No.
- Allen key & spanner set
- Chip Brush 02 Nos.
- Instructional Manual.

Optional Accessories

- Nesting fixture assembly for Bundle cutting
- Roller table for 1500mmlength, 1000kg load capacity.
- Automatic Centralized Lubrication system
- Bar exhaust control system.
- Variable speed blade drive with Frequency Drive VFD.
- Bi-metal Bandsaw blade .
- 2 Years spare kit to meet Emergency needs.
(Chip Brush/Oil seal kit/ All belts/ Carbide wear part set/Glass Fuse/ Limit switch).

Specifications		DCA - 260F	DCA - 350F	DCM - 260F	DCM - 350F
Cutting capacity	mm	Ø 260, □ 260 X260	Ø 350, □ 350 X350	Ø 260, □ 260 X260	Ø 350, □ 350 X350
Bundle cutting	mm	150 W X 100 H	150 W X 100 H	NA	NA
Blade size	mm	3760 X 34 X 1.1	4100 x 34 x 1.1	3760 X 34 X 1.1	4100 x 34 x 1.1
Blade speed	M /min	22/44/66/88	22/44/66/88	22/44/66/88	22/44/66/88
Blade speed	M /min	Variable Speed	Variable Speed	Variable Speed	Variable Speed
Optional		20-100	20-100	20-100	20-100
Index Feed Length	mm	400	400	NA	NA
Blade Tension		Hydraulic	Hydraulic	Hydraulic	Hydraulic
Drive Motor	HP	3	5	3	5
Hydraulic Motor	HP	1	1	1	1
Coolant Motor	HP	0.15	0.15	0.15	0.15
Chip Brush		Positive Drive	Positive Drive	Positive Drive	Positive Drive
Machine Size	L X W X H	2000 X 2000 X 1700	2100 X 2300 X 1800	1600 X 2000 X 1700	1600 X 2300 X 1800
Machine weight	KG	1400	1700	1100	1300

PRECICUT TOOLS reserves the rights to change the specifications without any prior notice for its product up gradation & modifications.

Manufactured by : _____

Preci-Cut Tools

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