

**BIG STONE**

**MITER CUTTING  
BAND SAW MACHINES  
FOR STRUCTURAL FABRICATORS**

**M** SERIES



**CF-800M**

**BIG STONE MACHINERY CO., LTD.**

## FEATURES:

1. Wide capacity 330×450mm(H×W), blade width 1-1/4" cuts more stably and accurately.
2. Adequately cut "H" beams, round pipe and tube, section steel and steel bars.
3. Saw bed is swivel type, the fixed vise is fixed, easily set angle.
4. Hydraulic vise facilitates operation.
5. Concentrated control panel provides convenient operation.
6. Blade tension gauge enable users to get tighten blade to cut well.



CF-350M



CF-450M

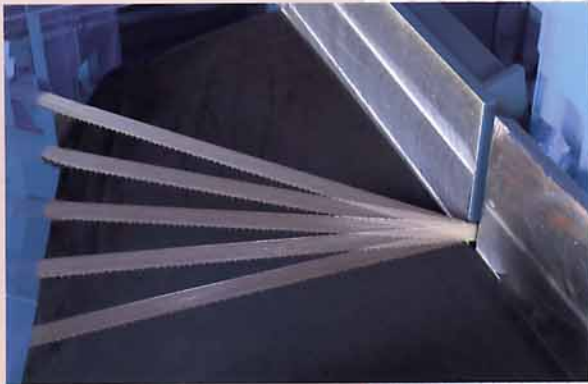
## FEATURES:

1. Unique swivel design allows to swivel the saw bow manually from 90° to 30° , and result in less chips accumulation.
2. Centralized control panel with programmable control system (PLC) facilitates steady operation.
3. 5 speeds of saw blade offer proper choice for varied material.
4. Blade tension gauge assures tighten blade for well cutting.
5. 9 time feeding counter being mounted one time is 600mm, 9 times 5400mm.
6. Motion sensor gives a stop while the blade is slip or broken.
7. Powered blade brush cleans blade gullets to ensure proper blade utilization.

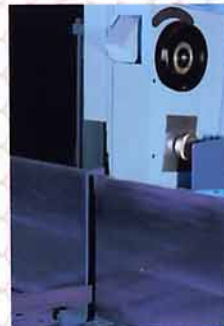


BLADE TENSION GAUGE

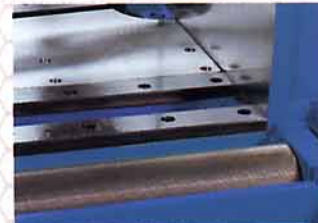
CF-450HAM  
CF-530HAM



HYDRAULIC SWIVEL MECHANISM IN INVARIABLE DATUM PLANE



SHADOW LINE LAMP INDICATOR.



HYDRAULICALLY LIFTED WORK ROLLERS.



## FEATURES:

1. Hydraulic swivel mechanism in invariable datum plane allows saw bow to swivel forward 5° , backward 45° for varied angle cuts, save your time. It is indispensable function in integrated manufacture.
2. Hydraulically lifted work rollers ease feeding forward materials.
3. Hydraulic blade tension device provides easy operation.
4. Saw bow with blade declines 8° at the horizontal line which efficiently cuts H beams.
5. Shadow line being projected on materials, the lamp indicator allows accurate positioning.
6. Under limit switch positions saw bow stop after cut off subject to material dimensions which minimizes work time.
7. Variable speed stepless drives machine around 10-110 M/min.

CF-800M

## SPECIFICATIONS:

| MODEL                      | CF-350M            | CF-450M            | CF-800M            | CF-450HAM          | CF-530HAM          |
|----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>CAPACITY (mm)</b>       |                    |                    |                    |                    |                    |
| 0°                         | ● 280<br>■ 280×410 | ● 330<br>■ 330×450 | ● 600<br>■ 500×810 | ● 330<br>■ 330×450 | ● 330<br>■ 330×530 |
| 22.5°                      | ■ 280×340          | ■ 330×400          | ■ 500×620          | ■ 300×400          | ■ 300×450          |
| 45°                        | ■ 220×220          | ■ 330×300          | ■ 500×450          | ■ 330×300          | ■ 330×370          |
| 60°                        | —                  | —                  | —                  | ■ 300×150          | ■ 330×240          |
| <b>BLADE SIZE (mm)</b>     | 3560×25×0.9        | 4115×32×1.1        | 6650×38×1.3        | 4115×32×1.1        | 4570×32×1.1        |
| <b>BLADE SPEED (m/min)</b> | 35,55,75,90        | 25,35,45,65,80     | 15 - 110           | 25,35,45,65,80     | 25,35,45,65,80     |
| <b>MOTOR (KW)</b>          |                    |                    |                    |                    |                    |
| BLADE DRIVE                | 1.5                | 2.2                | 5.5                | 2.2                | 3.75               |
| HYDRAULIC                  | 0.2                | 0.2                | 1.5                | 0.75               | 0.75               |
| COOLANT                    | 0.1                | 0.1                | 0.2                | 0.2                | 0.2                |
| <b>BED HEIGHT(mm)</b>      | 600                | 650                | 750                | 750                | 750                |
| <b>INDEX STROKE(mm)</b>    |                    |                    |                    |                    |                    |
| SINGLE                     | —                  | —                  | —                  | 600                | 600                |
| MULTIPLE                   | —                  | —                  | —                  | 5400               | 5400               |
| <b>DIMENSIONS (mm)</b>     |                    |                    |                    |                    |                    |
| WIDTH                      | 1750               | 2150               | 3480               | 2120               | 2250               |
| DEPTH                      | 960                | 1100               | 1970               | 2910               | 2910               |
| HEIGHT                     | 1180               | 1100               | 2100               | 1250               | 1350               |
| <b>NET WEIGHT (KG)</b>     | 750                | 900                | 3700               | 1150               | 1250               |

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

# BIG STONE

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