

Multipurpose Bandsaw with Auto Feeder

# Automatic Bandsaw

AKIYAMA

Easy operation with automatic material feeder  
Only placing material and setting thickness  
Automatically slicing by fixed-width

- Even an operator without much experience can manipulate easily.
- By instructing with touch panel only. No need of expertise is required.



Good Maintenance!!



- Cutting material squarely without bending
- Width of thickness can be pitched with step-less way.
- Safety working by no manually operation
- Flowing operation can be performed by assembled with conveyor.

## Automatic Bandsaw

### The best choice for cutting chunk of material

- The most characteristic of "Automatic Band Saw" is Automatic material feeder. After placing material and setting thickness by instructing with touch panel only, material is automatically sliced by the fixed-width.
- Width of thickness can be pitched with step-less way in millimeters. And materials are able to be equally divided after whole thickness of it is measured by "Automatic Band Saw". You can choose equal number whatever you like. Width of thickness is automatically calculated.
- Flowing operation can be performed by assembled with conveyor.



### Safety oriented features

- No need of manual operation. After placing materials by hand only, those are forwarded by automatic feeder with safe and efficient work.
- You can easily identify either the machine is in operation or not with the signal tower equipped with buzzer. With this devices, you can also see the cease of band saw or automatic movement of the machine.
- Safely designed stopping mechanism with interlocking systems at the time of irregular setting of band saw or opening of the gates as well as the equipment of emergency stop switch.



### Stain-less wheel (motor-pulley)

- As abrasion resistant stain-less steel wheel (motor-pulley) is equipped as standard, it can be withstanding for high-speed rotation. And as a result, band saw do not shaking and cut sections are very smooth.

### Resistant to water and hygienic

- As the whole body of "Automatic Band Saw" is made of stain-less steel, it is well corrosion resistant against water, salt and rust. So, so hygienic.
- Material conveyer is easily detached with no tools so that inside of it can be cleaned, which is annoyance for long time.
- With the air-blow gun the option parts, material chips are safely removed. Air-blow can be done during cutting procedure, so cutting work-shop can be always cleaned.

### Meeting customer's requirement by custom-made designing

- All specifications like shape, size and direction of the machine can be design-changed to meet customer's requirements, for examples of various width of thickness of materials.

### Specifications (of the Type "AB500")

Maximum Height of material	230mm
Cutting Width	18 - 30mm
Cutting Dimension	Specified equally divided (without edge material)
Table stroke	450mm x 540mm
Outlet of material	W 300mm x 1500mm Belt-conveyor
Dimension (W x L x H)	1200 x 1320 x 1930 mm
Weight	500kg
Power Source	T.B.D.
Motor	2.2kw
Air compressor (Option)	0.4kw

## AKIYAMA Machinery Co., Ltd.

1-30-10, Kitamariko, Suruga-ku, Shizuoka-shi,  
Shizuoka, 421-0106, JAPAN  
Phone. +81-54-259-2779 Facsimile. +81-54-259-2995  
<http://www.akiyamakikai.co.jp/en/>

Agency