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Product Brochure For B035

# Dual Mitre, Swivel Head Metal Cutting Band Saw - BS-460AS

600 x 440mm (W x H) Rectangle Capacity




| | |
|---|---|
| ORDER CODE: | B035 |
| MODEL: | BS-460AS |
| Operation Type: | Swivel Head - Dual Mitre & Semi - Automatic |
| Round @ 90º (mm): | 460 |
| Round @ 45º (mm): | 460 |
| Round @ 60º (mm): | 330 |
| Square @ 90º (mm): | 460 |
| Square @ 45º (mm): | 460 |
| Square @ 60º (mm): | 330 |
| Rectangle (W x H) @ 90º (mm): | 600 x 440 |
| Rectangle (W x H) @ 45º (mm): | 460 x 360 |
| Rectangle (W x H) @ 60º (mm): | 330 x 230 |
| Coolant System: | Yes |
| Table Working Height (mm): | 880 |
| Base Dimensions (mm): | ~ |
| Cutting Head Beam Type: | Semi-Automatic |
| Cutting Head Beam Return: | Auto-Hydraulic Return |
| Cutting Head Down Feed Control: | Adjustable Hydraulic |
| Vice Clamping Fixture: | Automatic-Hydraulic |
| Bundle Cutting Fixture: | ~ |
| Blade Steps / Speeds (M/Min): | Variable 26-80 |
| Blade Size (L x W x T) (mm): | 5330 x 41 x 1.3 |
| Motor Power (kW / hp): | 3.75 / 5 |
| Voltage / Amperage (V / amp): | 415 |
| Nett Weight (kg): | 1560 |

## Description

Manufactured in Taiwan

The BS-460AS is a metal cutting dual mitre swivel head, semi-automatic band saw capable of cutting a large 600x 440mm rectangle material and is a great semi-automatic band saw for cutting at 90 degrees. This saw can also cut up to 460mm round material, meaning you get more value for your investment than with any other saw on the market. Quick release lever allows the operator to change the mitre angle in seconds. This gear driven metal cutting band saw we offer has a variable speed, dual mitre cutting head, and a hydraulic controlled descent device for perfect feeds and longer blade life. The vice uses a full stroke hydraulic clamping system with a pressure regulator and after the cut is complete the blade stops, the vice opens and the head lifts to the start position for the next piece to be cut, the start position is adjustable via the control panel simply by changing the digital numeric numbering system to desired height. The Hafco MetalMaster band saws are constructed of a heavy cast iron saw head and base and the blades are guided via a tungsten carbide insert offering rigidity and accuracy. This band saw has a powerful coolant system and a blade tensioning device that shuts down the machine if the blade breaks.

The BS-460AS metal band saw has a hydraulic descent control device for the down feed for larger production runs that increases blade life and reduces operator fatigue. This series of band saw requires 415V, three phase, 50 hertz. The BS-460AS semi automatic horizontal band saw has a dual mitre saw head that can cut from 0º to 60º degrees. This series of horizontal band saws come standard with a variable speed drive allowing the operator to fine tune the blade speed from 26 - 80 M/min. The BS-460AS metal cutting saw series requires a 41mm wide saw blade by 1.3mm thickness, making this series a very precise mitre saw. These band saws offer more cutting capacity in a variable speed mitre saw than any other saw on the market, for the investment representing quality band saws at an exceptional value.

## Features

- 600 x 440mm (W x H) rectangular capacity
- Swivel head dual mitre to 45º left & 60º right for easy angle cutting without moving material
- Semi-automatic operation, machine returns to open height position after finishing the cutting process
- Automatic 2 speed full stroke hydraulic clamping vice
- Hydraulic operated system raising and lowering the cutting beam
- Adjustable hydraulic feed cutting rate for multiple applications
- Blade breakage sensor fitted that automatically shuts machine off
- Built-in coolant system for maximum cutting efficiency
- Variable blade speed system enabling 26-80mpm cutting speeds with digital display
- Limit switch stops machine and raises cutting beam when cut is complete
- Swivelling electric control panel mounted on base for quick operation
- Industrial-duty gearbox driven by a 3.75kW / 5hp 415V motor
- Combination roller bearing & carbide blade guides
  Fabricated metal frame with heavy duty base

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- Adjustable blade roller guides provides accurate cutting
- Adjustable length stop for repetition cutting
- Motorised wire wheel brush to clean swarf from blade
- Includes vice pressure regulator

## Includes

- Coolant system
- Length stop

## Specific Features


Blade Tension Device with Gauge Incorporating a Blade Breakage Sensor


Control Panel


Full Stroke Hydraulic Clamping Vice



Digital Blade Speed Display


Heavy Duty Gearbox


Variable Blade Speed


Blade Cleaners

## Recommended Accessories

### B506

Metal Band Saw Blade - 2-3TPI Bi-Metal, Blade - 5330 x 41 x 1.3mm




### B507

Metal Band Saw Blade - 4-6TPI Bi-Metal, Blade - 5330 x 41 x 1.3mm




### B508

Metal Band Saw Blade - 5-8TPI Bi-Metal, Blade - 5330 x 41 x 1.3mm




### S090A

Soluble Metal Cutting Fluid - 1 Litre



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S090
Soluble Metal Cutting Fluid - 5 Litre




S076
Cutting Tool Lubricant Fluid - 500ml




S077
Drilling, Tapping & Cutting Tool Lubricant Spray - 400g




S075
Cutting Tool Lubricant Paste - 200g




S074
Cutting Tool Lubricant Paste - 500g




S091
Soluble Metal Cutting Fluid - 20 Litre




L818
Roller Conveyor



L822
Roller Conveyor Stand



W3434
Roller Stand



W3436
Roller Stand - V-Type



W343A
Roller Stand



W343
Roller Stand



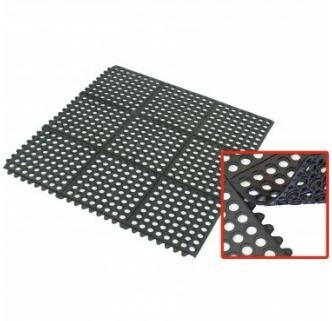
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# Product Brochure For B035

M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent




O043
Rust & Corrosion Preventive




O042
General Purpose Lubricant & Corrosion Inhibitor




O040
Rust & Corrosion Preventive




O044
Rust & Corrosion Preventive

