

## Product Brochure For B034

# Dual Mitre, Swivel Head Metal Cutting Band Saw - BS-320AS

510 x 260mm (W x H) Rectangle Capacity



ORDER CODE:	B034
MODEL:	BS-320AS
Operation Type:	Swivel Head - Dual Mitre & Semi - Automatic
Round @ 90° (mm):	331
Round @ 45° (mm):	315
Round @ 60° (mm):	215
Square @ 90° (mm):	320
Square @ 45° (mm):	315
Square @ 60° (mm):	195
Rectangle (W x H) @ 90° (mm):	510 x 260
Rectangle (W x H) @ 45° (mm):	315 x 315
Rectangle (W x H) @ 60° (mm):	315 x 195
Coolant System:	Yes
Table Working Height (mm):	800
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):	4180 x 34 x 1.1
Motor Power (kW / hp):	2.25 / 3
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	1000



## Description

Manufactured in Taiwan

The BS-320AS is a metal cutting dual mitre swivel head, semi-automatic band saw capable of cutting a large 510 x 260mm rectangle material and is a great semi-automatic band saw for cutting at 90 degrees. This saw can also cut up to 331mm round material, meaning you get more value for your investment than with any other saw on the market. Quick releases allow 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 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-320AS 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-320AS semi automatic horizontal band saw has a dual mitre saw head that can cut from 0° to 60° 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-320AS metal cutting saw series requires a 34mm wide saw blade by 1.1mm band 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.

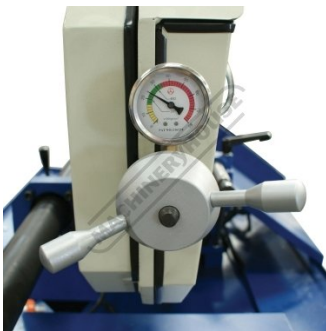
## Features

- 510 x 260mm (W x H) rectangular capacity
- Swivel head dual mitre to 45° left & 60° 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
- Adjustable variable blade speed system enabling 26-80mpm cutting speeds
- Limit switch stops machine and raises cutting beam when cut is complete
- Swivelling electric control panel mounted on base for quick operation
- Combination roller bearing & carbide blade guides
- Heavy duty cast Iron blade wheels
- Large mitre scale - easy to read

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- Fabricated metal frame with heavy duty base
- Adjustable blade roller guides provides accurate cutting
- Adjustable length stop for repetition cutting
- Wire wheel brush to clean swarf from blade
- Industrial-duty gearbox driven by a 2.25kW / 3hp 415V motor
- Includes pendant control panel

### 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

L300  
Magnetic Swarf Remover



M9991  
Magnetic Floor Sweeper



B494  
Metal Band Saw Blade - 4-6TPI  
Bi-Metal, Blade - 4178 x 34 x  
1.1mm



B496  
Metal Band Saw Blade -  
6-10TPI Bi-Metal, Blade - 4178 x  
34 x 1.1mm



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**S090A**  
Soluble Metal Cutting Fluid - 1 Litre



**S090**  
Soluble Metal Cutting Fluid - 5 Litre



**S076**  
Cutting Tool Lubricant Fluid - 500ml



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



**S074**  
Cutting Tool Lubricant Paste - 500g



**S091**  
Soluble Metal Cutting Fluid - 20 Litre



**L830**  
Roller Conveyor with Adjustable Stands - Heavy Duty



**L835**  
Roller Conveyor with Adjustable Stands - Extra Heavy Duty



**L818**  
Roller Conveyor



**L822**  
Roller Conveyor Stand



**W3434**  
Roller Stand



**W3436**  
Roller Stand - V-Type



Product Brochure For B034

W343A  
Roller Stand



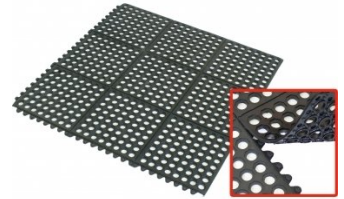
W343  
Roller Stand



M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue



O043  
Rust & Corrosion Preventive



O042  
General Purpose Lubricant &  
Corrosion Inhibitor



O044  
Rust & Corrosion Preventive

