

## Product Brochure For B112

# NC Swivel Head Metal Cutting Band Saw - Automatic Hitch Feed - BS-460FAS

Inverter Variable Blade Speed Control, Mitre Cuts Up To 45°, Hydraulic Vice (Clamping with Pressure Regulator & Includes Hydraulic Downfeed Control

## Please Call



ORDER CODE:	B112
MODEL:	BS-460FAS
Operation Type:	Swivel Head & Automatic - Hitch Feed
Round @ 90° (mm):	460
Round @ 45° (mm):	380
Round @ 60° (mm):	~
Square @ 90° (mm):	460
Square @ 45° (mm):	380
Square @ 60° (mm):	~
Rectangle (W x H) @ 90° (mm):	610 x 380
Rectangle (W x H) @ 45° (mm):	380 x 380
Rectangle (W x H) @ 60° (mm):	~
Coolant System:	Yes
Table Working Height (mm):	925
Cutting Head Beam Type:	Fully-Automatic
Cutting Head Beam Return:	Auto-Hydraulic Return
Cutting Head Down Feed Control:	Adjustable Hydraulic
Vice Clamping Fixture:	Automatic-Hydraulic
Bundle Cutting Fixture:	Yes
Blade Steps / Speeds (M/Min):	Variable 25-85
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):	1770



## Description

Manufactured in Taiwan

Fully automatic and intelligent HMI touch screen programmable control accepts many different job quantities and lengths complete with hydraulic vice clamping and hitch feed system

## Features

- Swivelling head for mitre cutting to 45 degree
- Bundle and single cutting mode switch includes bundle cutting clamps (nesting fixture)
- Idle wheel motion proximity switches shuts off machine if blade breaks or slips
- Coolant system incorporating a wash down hose with trigger gun
- Inverter controlled infinitely variable blade speed 25-85mpm
- Precision feed pressure & feed rate dual valve system for optimal performance in any material
- Hydraulic retracting rear vice jaw (feeding vice only) reduces friction from jaws rubbing on material during the feeding process
- Hydraulic operated carbide blade guides with additional ball bearing guides provides superior accuracy and reduce friction for longer blade life
- Hydraulic blade tensioning system with maximum pressure of 30kg/cm2
- Electrical and hydraulic safety interlock prevents machine starting if vices not securely clamped
- Synchronised power driven blade cleaning brush removes swarf from blade
- Full stroke hydraulic vice for quick & easy set-up of jobs
- Hydraulic swarf conveyor directs excess waste to side of machine.
- Dual vice clamping providing burr free cut
- Adjustable vice pressure regulator

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**Specific Features**



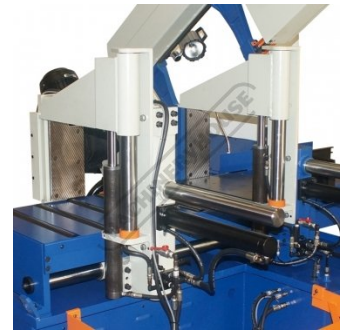
Swivel Head 45 Degrees



Left View



Side View 45 Degrees Swivel Head



Hydraulic Hitch Feed With Bundle Cutting Clamps



Rear View



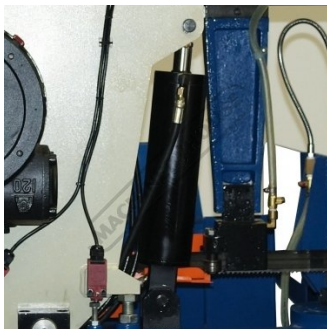
Side View



Hydraulic Blade Tension Device



Powered Blade Cleaning Brush



Hydraulic Rise And Fall



Industrial Motor and Gearbox Drive



Controller



Program F1



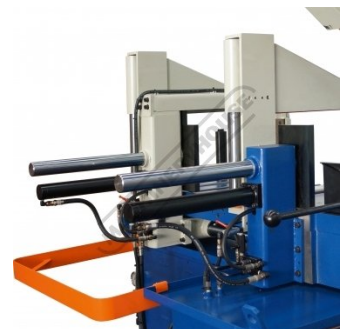
Program F2



Program F3



Program F4



Full Stroke Hydraulic Vice Clamps

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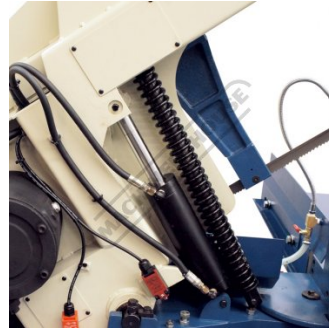
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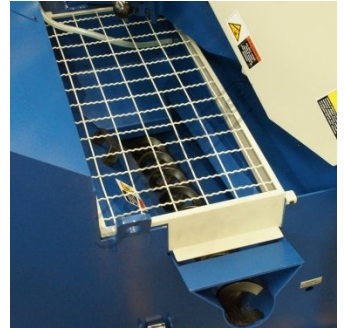
Adjustable Vice Pressure Regulator



Hydraulic Retracting Rear Vice Jaw



Hydraulic Rise-Fall with Spring Damper



Hydraulic Swarf Conveyor



Blade Tension Gauge



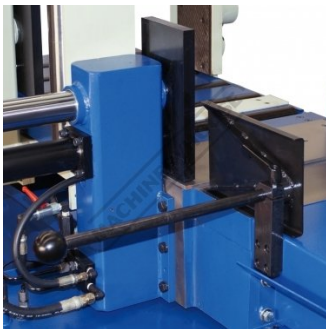
Ball Bearing Blade Guide with Coolant



Coolant Hose



Wash Down Hose with Trigger Gun



Adjustable Material Guide



Work Light

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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



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



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S091

Soluble Metal Cutting Fluid - 20 Litre



L300

Magnetic Swarf Remover



M9991

Magnetic Floor Sweeper



L830

Roller Conveyor with Adjustable Stands - Heavy Duty



L835

Roller Conveyor with Adjustable Stands - Extra Heavy Duty



L818

Roller Conveyor



L820

Roller Conveyor Stand



W3434

Roller Stand



W3436

Roller Stand - V-Type



W343A

Roller Stand



W343

Roller Stand



M800

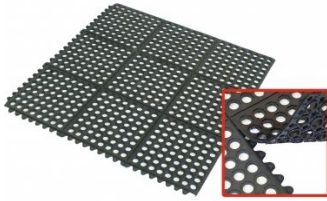
Rubber Mat - Anti-Fatigue



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**M805**  
Rubber Mat - Anti-Fatigue



**O043**  
Rust & Corrosion Preventive



**O042**  
General Purpose Lubricant & Corrosion Inhibitor



**O044**  
Rust & Corrosion Preventive

