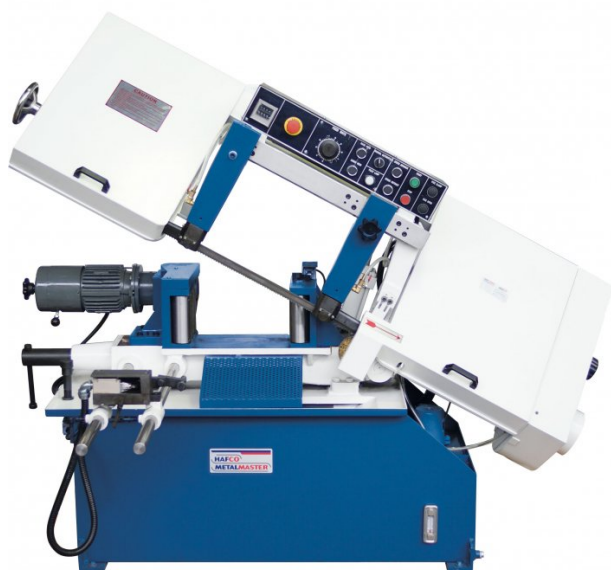


## Product Brochure For B037

# Automatic Roller Feed Metal Cutting Band Saw - BS-12AF

330 x 200mm (W x H) Rectangle Capacity



|                                 |                               |
|---------------------------------|-------------------------------|
| ORDER CODE:                     | B037                          |
| MODEL:                          | BS-12AF                       |
| Operation Type:                 | Fixed Head & Semi - Automatic |
| Round @ 90° (mm):               | 300                           |
| Round @ 45° (mm):               | ~                             |
| Round @ 60° (mm):               | ~                             |
| Square @ 90° (mm):              | 260                           |
| Square @ 45° (mm):              | ~                             |
| Square @ 60° (mm):              | ~                             |
| Rectangle (W x H) @ 90° (mm):   | 330 x 200                     |
| Rectangle (W x H) @ 45° (mm):   | ~                             |
| Rectangle (W x H) @ 60° (mm):   | ~                             |
| Coolant System:                 | Yes                           |
| Table Working Height (mm):      | 610                           |
| Base Dimensions (mm):           | ~                             |
| Cutting Head Beam Type:         | Fully-Automatic               |
| Cutting Head Beam Return:       | Auto-Hydraulic Return         |
| Cutting Head Down Feed Control: | Adjustable Hydraulic          |
| Vice Clamping Fixture:          | ~                             |
| Bundle Cutting Fixture:         | ~                             |
| Blade Steps / Speeds (M/Min):   | Variable 14-73                |
| Blade Size (L x W x T) (mm):    | 3820 x 27 x 0.9               |
| Motor Power (kW / hp):          | 2.2 / 3                       |
| Voltage / Amperage (V / amp):   | 415                           |
| Nett Weight (kg):               | 900                           |

## Description

Manufactured in Taiwan

The BS-12AF heavy duty fully automatic metal cutting band saw has many features on offer with a variable blade speed system, hydraulic feed control, a cutting capacity of up to 300mm diameter or 330 x 220mm in steel at 90° and carbide blade guides for optimal control and accuracy. There is a choice of blade speeds via an adjustable dial system so that the cutting speed can be changed to suit a wide range of materials, whilst the built-in coolant system ensures maximum cutting efficiency and longer blade life. Both blade control arms are adjustable, allowing them to be positioned as close to the cut as possible. This means reliability and accurate cuts!

The cutting operation works automatically with the weight of the head providing the cutting force and a limit switch shutting the machine down when the cut is complete in manual mode. When automatic mode is selected machine will shut down after cut quantity is reached. The weight of the head is counterbalanced by an adjustable hydraulic damper to control the feed rate, an excellent machine choice for maintenance shops, steel fabrications, and engineering workshops. . If you're looking for this size range of machine, you'll have a tough time finding a better metal-cutting band saw with these features and at this price, it represents excellent value.

## Features

- 330 x 200mm (W x H) rectangular capacity
- Pre-set cut counter, machine stops when count cycle is reached
- Automatic material feed roller system with micro switch stop
- Blade breakage sensor fitted that automatically shuts machine off
- Variable speed drive system changes blade speed from 14-73mpm
- Automatic operation, automatic arm rise after completion of cut
- Adjustable hydraulic cutting feed rate for multiple applications
- Built-in coolant system for maximum cutting efficiency
- Adjustable carbide blade guides provides accurate cutting
- Integrated hydraulic unit with arm feed control trimming
- Adjustable length stop with micro for repetition cutting
- Wire wheel brush to clean swarf from blade
- Designed for accurate 90° multiple job cutting
- Heavy-duty gearbox driven by a 2.2kW / 3hp 415V motor

## Includes

- Coolant system
- Length stop

## Product Brochure For B037

- 1.5M roller conveyor with stands
- 1 x blade

### Specific Features



Variable Speed Adjustment



Material Sensor



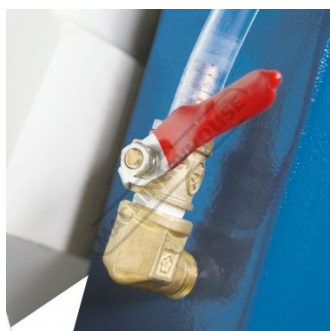
Ram Height Adjustment



Legth Stop



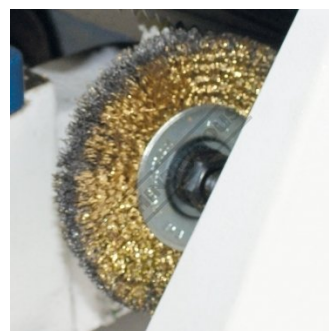
Control Panel



Coolant Valve



Blade Guide



Blade Cleaning Brush



Motorised Material Feed



Material Sensor



Right View



Rear View



1.5 Metre Conveyor

## Product Brochure For B037

### Recommended Accessories

**B607**

Metal Band Saw Blade -  
 10-14TPI Bi-Metal, Blade - 3820  
 x 27 x 0.9mm



**L300**

Magnetic Swarf Remover



**M9991**

Magnetic Floor Sweeper



**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



**S075**

Cutting Tool Lubricant Paste -  
 200g



Product Brochure For B037

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



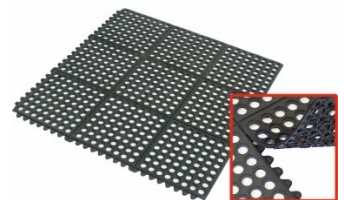
M800

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



## Product Brochure For B037

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O044

Rust & Corrosion Preventive

