

## HAFCO-METALMASTER BS-13LS



### Semi - Automatic Swivel Head Metal Cutting Band Saw



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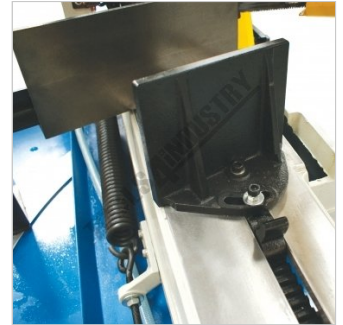
Blade Tension Levers With Gauge



Automatic Blade Breakage Sensor



Control Unit



Quick Action Clamping Vice



Height Adjustment for Arm Return



Variable blade speed



Coolant Cleaning Gun



Swivel Head For Mitre Cutting

### Description

The BS-13LS heavy duty metal cutting band saw has many features on offer with a swivel head to cut mitres up to 45 degrees, variable speed control, hydraulic feed control and a cutting capacity of up to 250mm diameter or 510 x 210mm rectangle in steel at 90° with two ball bearings per side on the 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 reliably 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. 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

- 510 x 210mm (W x H) rectangular capacity
- Swivel head for easy angle cutting without moving material
- Integrated hydraulic unit with fine feed arm control
- Mitre cuts to 45° using calibrated vice
- Built-in coolant system for maximum cutting efficiency
- Hydraulic system utilised to raise and lower cutting arm
- Arm can be raised or lowered with the push of a button
- Limit switch stops machine when cut is complete
- Adjustable height limit switch to control return of cutting head

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- Control panel located on top of arm for easy use
- Automatic blade breakage sensor
- Combination roller bearing & Carbide blade guides
- Coolant system with flow control valve
- Coolant cleaning gun to remove excess swarf around clamping area
- Large mitre scale - easy to read
- Blade tension system with gauge
- Steel fabricated frame and base providing greater support
- Manual locking clamping vice with quick action device
- Adjustable blade roller guides provides accurate cutting
- Variable speed drive system changes blade speed from 30-123mpm
- Adjustable length stop for repetition cutting
- Automatic electric cut-out switch
- Wire wheel brush to clean swarf from blade
- Heavy-duty gearbox drive
- 2.25kW/415V fully enclosed fan-cooled motor

### Specifications

<b>ORDER CODE</b>	B031
<b>MODEL</b>	BS-13LS
<b>Operation Type</b>	Swivel Head
<b>Round @ 90° (mm)</b>	330
<b>Round @ 45° (mm)</b>	330
<b>Round @ 60° (mm)</b>	~
<b>Square @ 90° (mm)</b>	320
<b>Square @ 45° (mm)</b>	320
<b>Square @ 60° (mm)</b>	~
<b>Rectangle (W x H) @ 90° (mm)</b>	510 x 210
<b>Rectangle (W x H) @ 45° (mm)</b>	320 x 320
<b>Rectangle (W x H) @ 60° (mm)</b>	~
<b>Coolant System</b>	Yes
<b>Table Working Height (mm)</b>	650
<b>Cutting Head Beam Type</b>	Semi-Automatic
<b>Cutting Head Beam Return</b>	Auto-Hydraulic Return
<b>Cutting Head Down Feed Control</b>	Adjustable Hydraulic
<b>Vice Clamping Fixture</b>	Manual
<b>Bundle Cutting Fixture</b>	~
<b>Blade Steps / Speeds (M/Min)</b>	Variable 30-123
<b>Blade Size (L x W x T) (mm)</b>	3810 x 27 x 0.9
<b>Motor Power (kW / hp)</b>	2.25 / 3
<b>Voltage / Amperage (V / amp)</b>	415
<b>Nett Weight (kg)</b>	460