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Product Brochure For B031

Semi - Automatic Swivel Head Metal Cutting Band Saw - BS-13LS

510 x 210mm (W x H) Rectangle Capacity



ORDER CODE:	B031
MODEL:	BS-13LS
Operation Type:	Swivel Head
Round @ 90º (mm):	330
Round @ 45º (mm):	330
Round @ 60º (mm):	~
Square @ 90º (mm):	320
Square @ 45º (mm):	320
Square @ 60º (mm):	~
Rectangle (W x H) @ 90º (mm):	510 x 210
Rectangle (W x H) @ 45º (mm):	320 x 320
Rectangle (W x H) @ 60º (mm):	~
Coolant System:	Yes
Table Working Height (mm):	650
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:	Manual
Bundle Cutting Fixture:	~
Blade Steps / Speeds (M/Min):	Variable 30-123
Blade Size (L x W x T) (mm):	3810 x 27 x 0.9
Motor Power (kW / hp):	2.25 / 3
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	460

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 90º 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 45º 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
- 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

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- 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

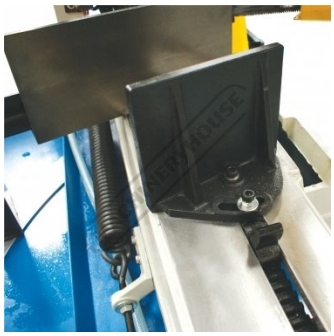
Specific Features


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

Recommended Accessories

B452

Metal Band Saw Blade - 2-3TPI Bi-Metal, Blade - 3810 x 27 x 0.9mm



B456

Metal Band Saw Blade - 6-10TPI Bi-Metal, Blade - 3810 x 27 x 0.9mm



B458

Metal Band Saw Blade - 10-14TPI Bi-Metal, Blade - 3810 x 27 x 0.9mm



W3434

Roller Stand



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Product Brochure For B031

W3436
Roller Stand - V-Type



W343A
Roller Stand



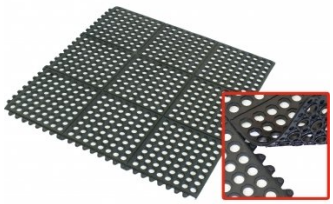
W343
Roller Stand



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



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



S074
Cutting Tool Lubricant Paste - 500g



O000
SpillFix Universal Organic Absorbent



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Product Brochure For B031

O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive



s091
Soluble Metal Cutting Fluid - 20 Litre



L812
Roller Conveyor



L816
Roller Conveyor Stand

