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Product Brochure For B030

Semi - Automatic, Swivel Head-Dual Mitre Metal Cutting Band Saw - BS-13DS

Variable Cutting Speeds, Dual Mitre Cuts Up To 60º, Laser Line Guide, Hydraulic Vice Clamping & Includes Hydraulic Downfeed Control

Ex GST	Inc GST
$13,116.00	$15,083.40



ORDER CODE:	B030
MODEL:	BS-13DS
Operation Type:	Swivel Head - Dual Mitre & Semi - Automatic
Round @ 90º (mm):	330
Round @ 45º (mm):	330
Round @ 60º (mm):	204
Square @ 90º (mm):	330
Square @ 45º (mm):	280
Square @ 60º (mm):	160
Rectangle (W x H) @ 90º (mm):	458 x 235
Rectangle (W x H) @ 45º (mm):	310 x 170
Rectangle (W x H) @ 60º (mm):	204 x 80
Coolant System:	Yes
Table Working Height (mm):	840
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:	Automatic-Hydraulic
Bundle Cutting Fixture:	~
Blade Steps / Speeds (M/Min):	Variable 19-102
Blade Size (L x W x T) (mm):	3810 x 27 x 0.9
Motor Power (kW / hp):	1.5 / 2
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	600

Description

Manufactured in Taiwan

The BS-13DS Industrial duty metal cutting band saw has many features on offer with a double mitre swivel head to cut mitres up to 45 degrees left and 60 degrees right with a variable blade speed system, hydraulic feed control a cutting capacity of up to 330mm diameter or 458 x 235mm in steel at 90º and three ball bearings per side with 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 and automatically returning to set height position. The weight of the head is counter balanced by an adjustable hydraulic damper to control the feed rate, an excellent machine choice for maintenance shops, steel fabrications, and industrial 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

- 458 x 235mm (W x H) rectangular capacity
- Double mitre swivel head for easy angle cutting without moving material
- Semi-automatic operation, machine returns to open height position after finishing the cutting process
- Automatic hydraulic vice incorporated with a manual hand wheel
- Adjustable hydraulic vice pressure regulator
- 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
- Mitre cuts to 45º right & 60º left using swivel head
- Built-in coolant system for maximum cutting efficiency with wash down trigger
- Laser line guide assist in lining up material positioning
- Adjustable variable blade speed system enabling 19-102mpm 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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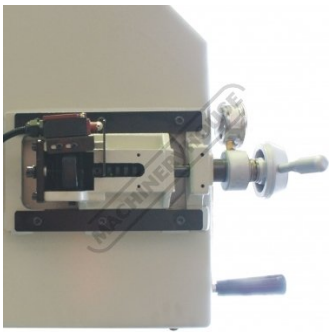
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- Cast Iron frame with heavy duty fabricated base
- Adjustable blade roller guides provides accurate cutting
- Adjustable length stop for repetition cutting
- Wire wheel brush to clean swarf from blade
- Industrial-duty gearbox driven by a 1.5kW / 2hp 415V motor

Specific Features


Control Panel


Blade Tension Gauge

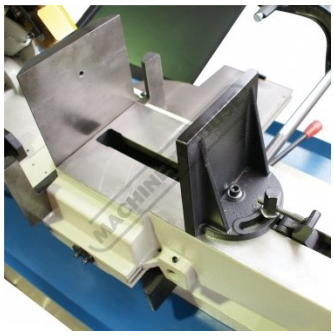

Blade Breakage Sensor

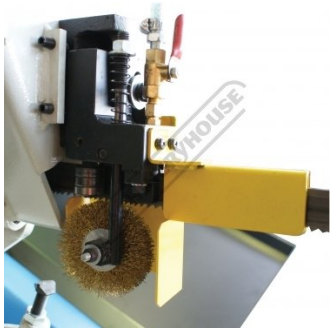

Laser Light Guide


Vice Pressure Regulator


Hydraulic Vice


Sliding Vice For Dual Mitre


Quick Action Vice


Blade Cleaning Brush


Carbide Blade Guides with Bearings


Swivel Head Locking Handle


Swivel Head

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Beam Height Setting Stop


Coolant Cleaning Gun



Variable Blade Speed Dial

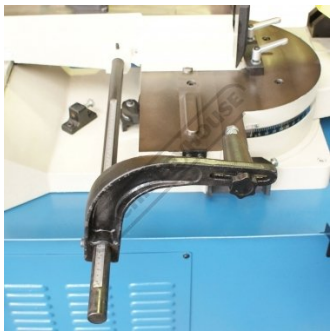

Safety Blade Guard Micro Switch


Slide Out Swarf Tray

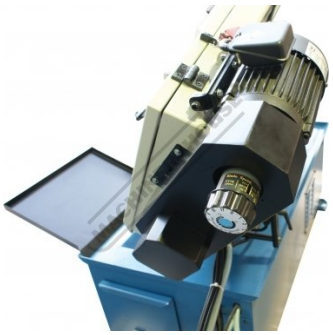

Hydraulic Feed Ram with Spring Dampener


Coolant to Blade Guides

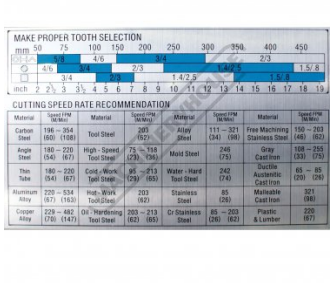

Double Mitre Vice


Length Stop


Motor


Rear View


Swarf Tray



Tooth Selection-Recommended Cutting Speed Rate Chart

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Recommended Accessories

B590
Metal Band Saw Blade - 3-4TPI Bi-Metal, Blade - 3810 x 27 x 0.9mm



B592
Metal Band Saw Blade - 4-6TPI Bi-Metal, Blade - 3810 x 27 x 0.9mm



S090
Soluble Metal Cutting Fluid - 5 Litre



S091
Soluble Metal Cutting Fluid - 20 Litre



L300
Magnetic Swarf Remover



L830
Roller Conveyor with Adjustable Stands - Heavy Duty



L837
Roller Conveyor with Adjustable Stands - Extra Heavy Duty

