

## Product Brochure For B008A

# Swivel Head Metal Cutting Band Saw - BS-7DS

Dual Mitre Cuts Up To 45°, Quick Action Material Clamp & Includes Hydraulic Down Feed Control



ORDER CODE:	B008A
MODEL:	BS-7DS
Operation Type:	Swivel Head - Dual Mitre
Round @ 90° (mm):	178
Round @ 45° (mm):	127
Round @ 60° (mm):	~
Square @ 90° (mm):	178
Square @ 45° (mm):	85
Square @ 60° (mm):	~
Rectangle (W x H) @ 90° (mm):	215 x 178
Rectangle (W x H) @ 45° (mm):	140 x 85
Rectangle (W x H) @ 60° (mm):	~
Coolant System:	Yes
Table Working Height (mm):	850
Cutting Head Beam Type:	Manual
Cutting Head Beam Return:	Manual Return
Cutting Head Down Feed Control:	Adjustable Hydraulic
Vice Clamping Fixture:	Manual - Quick Action
Bundle Cutting Fixture:	~
Blade Steps / Speeds (M/Min):	24-41-61-82
Blade Size (L x W x T) (mm):	2362 x 19 x 0.8
Motor Power (kW / hp):	0.75 / 1
Voltage / Amperage (V / amp):	240 / 10
Nett Weight (kg):	165



## Description

Manufactured in Taiwan

The BS-7DS medium duty swivel head metal cutting band saw has many features on offer with a double mitre swivel head capable of cutting up to 178mm diameter or 215 x 178mm in steel at 90°. There is a choice of four blade speeds via an adjustable 4 stage pulley 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 long blade life.

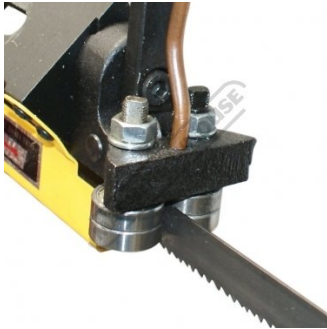
The cutting operation works automatically with the weight of the head providing the cutting force and a limit switch shutting the machine down when the cut is complete. The weight of the head is counterbalanced by an adjustable hydraulic damper to control the feed rate, an excellent machine choice for maintenance shops, medium steel fabrications, and engineering workshops.

## Features

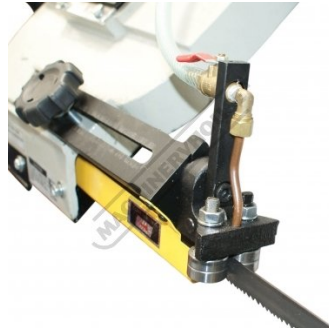
- 215 x 178mm (W x H) rectangular capacity
- Dual mitre cutting capabilities to 45° via swivelling head and sliding vice
- Adjustable hydraulic feed cutting rate for multiple applications
- Built-in coolant system for maximum cutting efficiency
- Limit switch stops machine when cut is complete
- Coolant system with flow control valve
- Quick action material clamping lever
- Adjustable blade roller guides provides accurate cutting
- Adjustable 4-speed pulley drive system enabling 24-41-61-82mpm cutting speeds
- Adjustable length stop for repetition cutting
- Wire wheel brush to clean swarf from blade
- Automatic electric cut-out switch
- Heavy-duty 750W 240V fully enclosed fan-cooled motor

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**Specific Features**



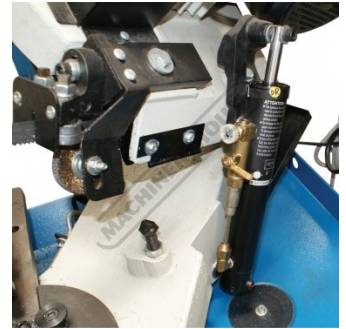
Blade Guide



Coolant to Blades



Quick Action Vice Handle Lever



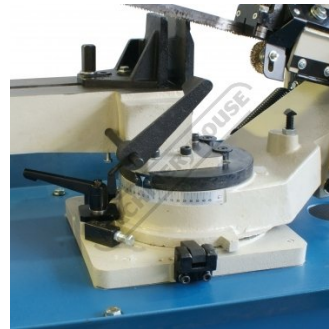
Hydraulic Ram Down Feed Control



Down Feed Control

Speed Selection Chart		71.2 R/D/R 1820/77	
Driven Pulley	Motor Pulley	Speed F.P.M.M.P.M	60Hz
		98(29)	81(24)
		164(50)	135(41)
		246(75)	203(61)
		328(100)	270(82)

Speed Chart



Swivel Head



Coolant System



Switch



Blade Loose and Tight Handle



Band Dynamometric Tension Indicator

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**Recommended Accessories**

**B210**

Metal Band Saw Blade - 6TPI  
Carbon, Blade - 2362 x 19 x  
0.80mm



**B212**

Metal Band Saw Blade - 8TPI  
Carbon, Blade - 2362 x 19 x  
0.80mm



**B214**

Metal Band Saw Blade - 10TPI  
Carbon, Blade - 2362 x 19 x  
0.80mm



**B216**

Metal Band Saw Blade - 14TPI  
Carbon, Blade - 2362 x 19 x  
0.80mm



**B400**

Metal Band Saw Blade - 4-6TPI  
Bi-Metal, Blade - 2362 x 19 x  
0.80mm



**B404**

Metal Band Saw Blade -  
6-10TPI Bi-Metal, Blade - 2362 x  
19 x 0.80mm



**B408**

Metal Band Saw Blade -  
10-14TPI Bi-Metal, Blade - 2362  
x 19 x 0.80mm



**S091**

Soluble Metal Cutting Fluid - 20  
Litre



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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



L300  
Magnetic Swarf Remover



M9991  
Magnetic Floor Sweeper



L812  
Roller Conveyor



L814  
Roller Conveyor Stand



W343  
Roller Stand



W3434  
Roller Stand



W3436  
Roller Stand - V-Type



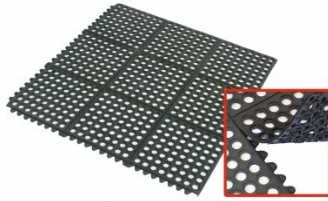
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**M800**  
Rubber Mat - Anti-Fatigue



**M805**  
Rubber Mat - Anti-Fatigue



**O043**  
Rust & Corrosion Preventive



**O042**  
General Purpose Lubricant & Corrosion Inhibitor



**O044**  
Rust & Corrosion Preventive

