

## Product Brochure For B038

# Automatic Roller Feed Metal Cutting Band Saw - BMSO-320

Inverter Variable Blade Speed Control, Automatic Roller Feed 10 ~ 500mm Length Stop & Includes Hydraulic Downfeed Control

**On Sale**

Ex GST

Inc GST

**\$18,606.00**

**\$21,396.90**

**\$14,100.00**

**\$16,215.00**



ORDER CODE:	B038
MODEL:	BMSO-320
Operation Type:	Fixed Head & Automatic Roller Feed
Round @ 90° (mm):	320
Round @ 45° (mm):	~
Round @ 60° (mm):	~
Square @ 90° (mm):	~
Square @ 45° (mm):	~
Square @ 60° (mm):	~
Rectangle (W x H) @ 90° (mm):	300 x 300
Rectangle (W x H) @ 45° (mm):	~
Rectangle (W x H) @ 60° (mm):	~
Coolant System:	Yes
Table Working Height (mm):	640
Cutting Head Beam Type:	Fully-Automatic
Cutting Head Beam Return:	Auto-Hydraulic Return
Cutting Head Down Feed Control:	Adjustable Hydraulic
Vice Clamping Fixture:	Hydraulic
Bundle Cutting Fixture:	~
Blade Steps / Speeds (M/Min):	Variable 20-100
Blade Size (L x W x T) (mm):	3660 x 27 x 0.9
Motor Power (kW / hp):	2.2 / 3
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	735

## Description

Manufactured in Turkey

The BSMO-320 fully automatic metal cutting band saw with a cutting capacity of up to 320mm diameter or 300 x 300mm in steel at 90°. The auto feed rollers enables you to set up the control & material length stop to cut autonomously when auto mode is selected and the machine will also automatically stop after the programmed cut quantity is reached. Changing the blade speed to suit your material specifications is easily done by the electronic variable speed dial on the control panel and the ball bearing & carbide blade guides provide optimal control to achieve accuracy when cutting.

Both blade control arms are adjustable, allowing them to be positioned as close to the cut as possible, this means reliability and accurate square cuts is easily achieved. There is a built-in coolant system that ensures maximum cutting efficiency and longer blade life when using the correct cutting-cooling fluid.

If you're looking for this size range of machine, you'll have a tough time finding a better metal-cutting bandsaw with all these features and at this great price, it represents excellent value.

## Features

- Ø320mm round capacity
  - 300 x 300mm (W x H) square 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 20-100mpm
  - 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 10 ~ 500mm
  - 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

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Specific Features



Cutting Beam Head Open



Cutting Beam Head Down



Front Left View



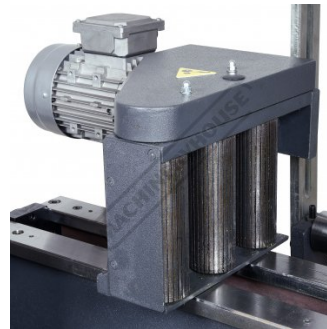
Rear View



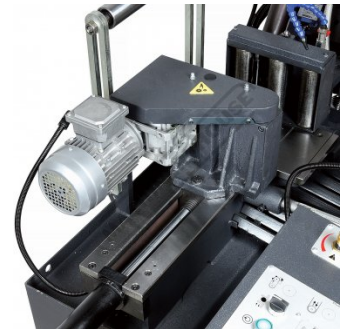
Control Panel



Adjustable Feed Control



Auto Powered Roller Feed Vice



Motorised Roller Feed



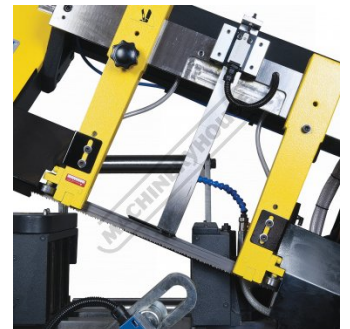
Adjustable Top Roller Support



Repetition Auto Length Stop Switch



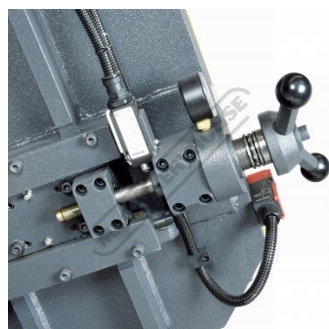
Length Stop Adjustment



Material Height Sensor



Carbide & Bearing Blade Guides



Blade Tension & Breakage Sensor



Coolant Hose

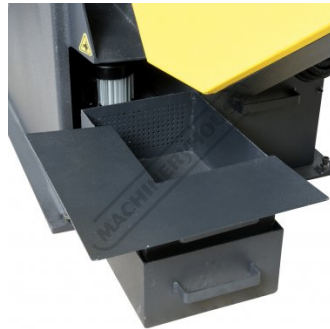


Blade Coolant Flow

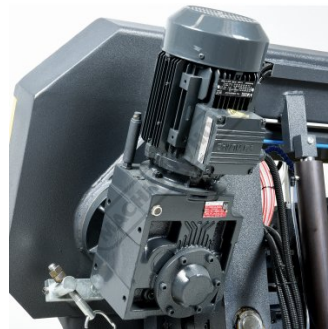
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Blade Cleaning Brush



Coolant Pump Reservoir with Swarf Trap



Industrial Motor & Gearbox Drive



Blade Safety Cover



Blade Cover Safety Interlock Switches



Inverter-Electrical Cabinet

**Recommended Accessories**

B442

Metal Band Saw Blade - 4-6TPI  
Bi-Metal, Blade - 3660 x 27 x  
0.9mm



B445

Metal Band Saw Blade -  
10-14TPI Bi-Metal, Blade - 3660  
x 27 x 0.9mm



S090A

Soluble Metal Cutting Fluid - 1  
Litre



S090

Soluble Metal Cutting Fluid - 5  
Litre



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S091  
Soluble Metal Cutting Fluid - 20  
Litre



L300  
Magnetic Swarf Remover



M9991  
Magnetic Floor Sweeper



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

