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Product Brochure For B136

# Semi - Automatic Swivel Head-Dual Mitre Metal Cutting Band Saw - BMSY-320DGH

Inverter Variable Cutting Speeds, Dual Mitre Cuts Up To 60º,
Hydraulic Vice Clamping & Rectangle Capacity, Hydraulic Mechanical Blade Tension

| Ex GST | Inc GST |
|---|---|
| $23,730.00 | $27,289.50 |




| | |
|---|---|
| ORDER CODE: | B136 |
| MODEL: | BMSY-320DGH |
| Operation Type: | Swivel Head - Dual Mitre & Semi - Automatic |
| Round @ 90º (mm): | 320 |
| Round @ 45º (mm): | 320 |
| Round @ 60º (mm): | 240 |
| Square @ 90º (mm): | 320 |
| Square @ 45º (mm): | 320 |
| Square @ 60º (mm): | 220 |
| Rectangle (W x H) @ 90º (mm): | 450 x 320 |
| Rectangle (W x H) @ 45º (mm): | 330 x 320 |
| Rectangle (W x H) @ 60º (mm): | 230 x 220 |
| Coolant System: | Yes |
| Table Working Height (mm): | 860 |
| 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 20-100 |
| Blade Size (L x W x T) (mm): | 4160 x 34 x 1.1 |
| Motor Power (kW / hp): | 2.2 / 3 |
| Voltage / Amperage (V / amp): | 415 |
| Nett Weight (kg): | 1040 |

BEKAMAK

Made in Turkiye

1 YEAR WARRANTY

NO PLUG 415V

## Description

The European made BMSY-320DGH dual mitre up to -60°, semi-automatic band saw can cut a large 450 x 320mm rectangle. This saw can also cut up to 320mm round material at 90° and with a quick release mechanism that allows the operator to change the mitre angle in seconds. The inverter controlled infinitely variable speed is easily adjusted to suit desired blade speed via the control dial mounted conveniently on the control panel. The vice uses a full stroke hydraulic clamping system and after the cut is complete the blade stops and the head lifts to the start position ready for the next piece to be cut.

The blades are guided via roller bearings & tungsten carbide inserts offering superior rigidity, cutting accuracy and longer blade life. The feed is hydraulic controlled and fine-tuned from the control panel for the perfect feed rate required to suit your application. This band saw has a powerful coolant system and a blade tensioning device that shuts down the machine if the blade breaks.

The BMSY-320DGH metal cutting saw series uses a wide 34mm saw blade by 1.1mm band thickness, making this machine a very precise mitre saw. This band saw is built to offer great reliability and cutting accuracy for many years and we believe this represents valuable quality an exceptional investment value.

## Features

- Large 320mm round & 450 x 320mm (W x H) rectangular capacity
- Swivel head dual mitre between +45° and -60° for easy angle cutting without moving material
- Digital readout display mounted on pendant to measure angles for accurate mitre cutting
- Inverter controlled infinitely variable blade speed 20-100mpm
- Semi-automatic operation, saw head returns to open height position after finishing the cutting process
- Full stroke hydraulic clamping vice provides quicker set-up of jobs
- Hydraulic vice is adjustable to slide left & right side of the blade to suit multiple applications
- Hydraulic operated system raising and lowering the cutting beam
- Adjustable hydraulic feed cutting rate for multiple applications
- Manual hydraulic blade tension device with gauge
- Blade breakage sensor fitted that automatically shuts machine off
- Built-in coolant system for maximum cutting efficiency
- Limit switch stops machine and raises cutting beam when cut is complete
- Swivelling pendant control panel mounted on base for quick operation
- Heavy duty steel fabricated frame, swivel centre & base
- Heavy duty cast-iron blade wheels
- Rigid cast-iron guide arms
- Roller bearing with carbide blade guide system provide additional blade support for accurate cutting

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- Wire wheel brush to clean swarf from blade
- Quality Hydro-pack hydraulic system
- Industrial duty gearbox driven by a 2.25kW / 3hp 415V motor
- All electrical components are of European quality supplied by Schneider Electric, Omron & Relpol

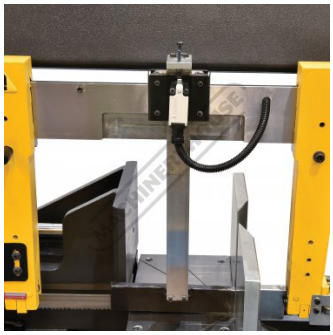
## Specific Features


Control Panel


Hydraulic Vice


Manual Hydraulic Blade Tension

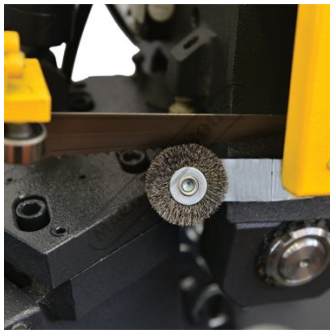

Schneider Inverter Control


Material Height Feed Activation


Motor Gearbox Drive


Removable Coolant Tray


Blade Guard Safety Switches


Blade Cleaning Brush


Rear View

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## Recommended Accessories

B494

Metal Band Saw Blade - 4-6TPI Bi-Metal, Blade - 4178 x 34 x 1.1mm




B496

Metal Band Saw Blade - 6-10TPI Bi-Metal, Blade - 4178 x 34 x 1.1mm




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



L835

Roller Conveyor with Adjustable Stands - Extra Heavy Duty



L837

Roller Conveyor with Adjustable Stands - Extra Heavy Duty

