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Product Brochure For B036

Fully Automatic Metal Cutting Band Saw - BS-10AF

250 x 230mm (W x H) Rectangle Capacity



ORDER CODE:	B036
MODEL:	BS-10AF
Operation Type:	Fixed Head & Automatic Roller Feed
Round @ 90º (mm):	250
Round @ 45º (mm):	~
Round @ 60º (mm):	~
Square @ 90º (mm):	230
Square @ 45º (mm):	~
Square @ 60º (mm):	~
Rectangle (W x H) @ 90º (mm):	250 x 230
Rectangle (W x H) @ 45º (mm):	~
Rectangle (W x H) @ 60º (mm):	~
Coolant System:	Yes
Table Working Height (mm):	600
Base Dimensions (mm):	~
Cutting Head Beam Type:	Fully-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 24-83
Blade Size (L x W x T) (mm):	3352 x 27 x 0.9
Motor Power (kW / hp):	1.5 / 2
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	640

Description

Manufactured in Taiwan

The BS-10AF heavy duty fully automatic metal cutting band saw has many features on offer with a 4 blade speed system, hydraulic feed control a cutting capacity of up to 250mm diameter or 250 x 230mm in steel at 90º and two 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 in manual mode, When automatic mode is selected machine will shut down after cut quantity is reached. 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

- 250 x 230mm (W x H) rectangular capacity
- Full-automatic operation, machine returns to adjustable open height position after finishing the cutting process
- Hydraulic operated system raising and lowering the cutting beam
- Adjustable hydraulic feed cutting rate for multiple applications
- Programmable cut counter with automatic shut down once cut quantity has been reached
- Blade breakage sensor fitted that automatically shuts machine off
- Dovetail slide guides on arms to ensure accuracy
- Infinitely-adjustable blade speed control
- Designed for accurate 90º multiple job cutting
- Built-in coolant system for maximum cutting efficiency
- Limit switch stops machine when cut is complete
- Electric control panel mounted on base for quick operation
- Combination roller bearing & Carbide blade guides
- Heavy duty cast Iron blade wheels
- Cast Iron frame with heavy duty fabricated base
- Adjustable blade roller guides provides accurate cutting
- Adjustable length stop with a micro switch for repetition cutting
- Wire wheel brush to clean swarf from blade

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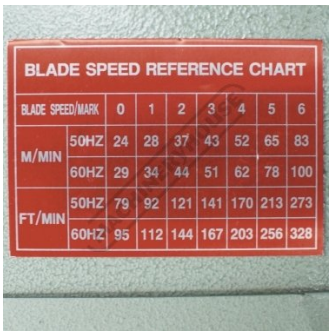
- Heavy-duty gearbox drive
- Variable speed drive system changes blade speed from 24-83mpm
- 1.5kW / 2hp 415V motor

Specific Features



Control Panel

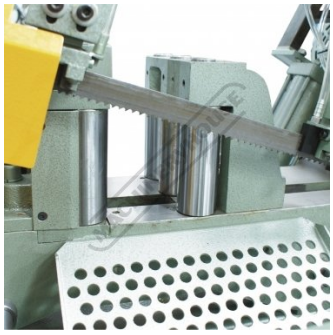

Length Stop


BLADE SPEED REFERENCE CHART

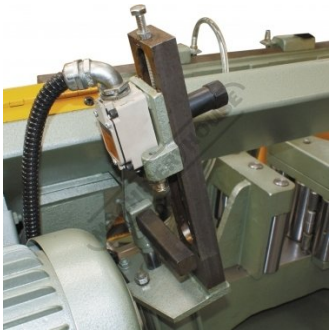
BLADE SPEED/MARK		0	1	2	3	4	5	6
M/MIN	50HZ	24	28	37	43	52	65	83
	60HZ	29	34	44	51	62	78	100
FT/MIN	50HZ	79	92	121	141	170	213	273
	60HZ	95	112	144	167	203	256	328

Speed Chart


Variable Speed


Feed Rolls


Feed Rolls Drive System


Adjustment Return Height


Coolant and Hose


Blade Guides

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Recommended Accessories

B435
Metal Band Saw Blade - 3-4TPI Bi-Metal, Blade - 3352 x 27 x 0.90mm



B436
Metal Band Saw Blade - 4-6TPI Bi-Metal, Blade - 3352 x 27 x 0.90mm



B438
Metal Band Saw Blade - 6-10TPI Bi-Metal, Blade - 3352 x 27 x 0.90mm



B440
Metal Band Saw Blade - 10-14TPI Bi-Metal, Blade - 3352 x 27 x 0.90mm



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



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Product Brochure For B036

S075
Cutting Tool Lubricant Paste - 200g



S074
Cutting Tool Lubricant Paste - 500g



s091
Soluble Metal Cutting Fluid - 20 Litre



L812
Roller Conveyor



L816
Roller Conveyor Stand



W3434
Roller Stand



W3436
Roller Stand - V-Type



W343A
Roller Stand



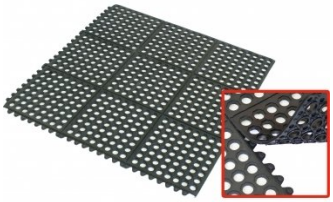
W343
Roller Stand



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent



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O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

