

Product Brochure For B040

## Automatic Hitch Feed Metal Cutting Band Saw - AH-250H

280 x 250mm (W x H) Rectangle Capacity



ORDER CODE:	B040
MODEL:	AH-250H
Operation Type:	Fixed Head & Automatic Hitch Feed
Round @ 90° (mm):	250
Round @ 45° (mm):	~
Round @ 60° (mm):	~
Square @ 90° (mm):	250
Square @ 45° (mm):	~
Square @ 60° (mm):	~
Rectangle (W x H) @ 90° (mm):	280 x 250
Rectangle (W x H) @ 45° (mm):	~
Rectangle (W x H) @ 60° (mm):	~
Coolant System:	Yes
Table Working Height (mm):	650
Cutting Head Beam Type:	Fully-Automatic
Cutting Head Beam Return:	Auto-Hydraulic Return
Cutting Head Down Feed Control:	Adjustable Hydraulic
Vice Clamping Fixture:	Automatic-Hydraulic
Bundle Cutting Fixture:	Yes
Blade Steps / Speeds (M/Min):	Variable 20-100
Blade Size (L x W x T) (mm):	3505 x 34 x 1.1
Motor Power (kW / hp):	2.25 / 3
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	1600

### Description

Manufactured in Taiwan

Automatic, hitch feed operation

### Features

- Programmable logic control (P.L.C.) control, for all electric and hydraulic functions enables this machine to be set up for production cutting
- Hydraulic clamping vice with hitch type automatic feed system
- Back-tilted saw frame for longer blade life
- Pre-set digital counter and out of stock cut out
- Automatic work height control and rapid approach
- Carbide and ball bearing blade guides provides superior accuracy and reduce friction for longer blade life
- Multiple indexing capabilities up to 9 times
- Proximity switch for sensing blade slippage or breakage
- Bundle and single cutting mode switch includes bundle cutting clamps ( Nesting fixture )
- Synchronised power driven blade cleaning brush
- Precision feed pressure & feed rate dual valve system for optimal performance in any material
- Inverter controlled infinitely variable blade speed 20-100mpm
- Hydraulic swarf conveyor directs excess waste to side of machine
- Digital blade speed readout
- Split vice jaws featuring automatic feeding down to remnant length of 50mm
- Blade breakage sensor protection device via a proximity switch to shut machine off
- Automatic hydraulic blade tensioning system ensures correct blade tension
- Hydraulic swarf conveyor directs excess waste to rear of machine
- Dual valve design with pre-selective cutting pressure controls
- Hydraulic nesting fixture for bundle cutting
- Coolant system incorporation a wash down hose with trigger gun

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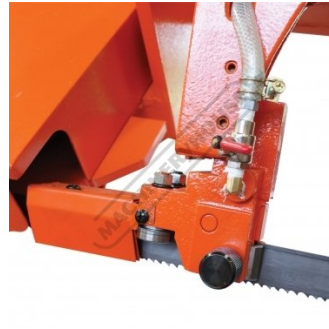
**Specific Features**



Control Panel



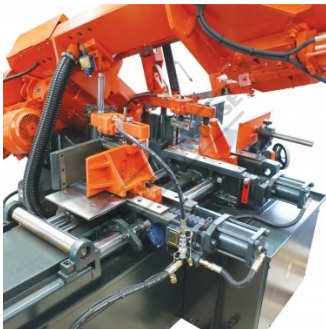
Hydraulic Blade Tension Device with Gauge



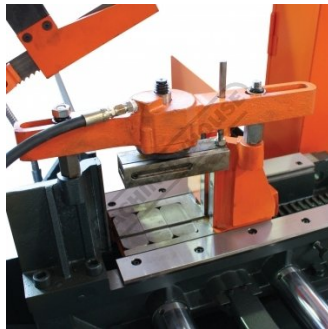
Ball Bearing Blade Guides with Carbide Pads



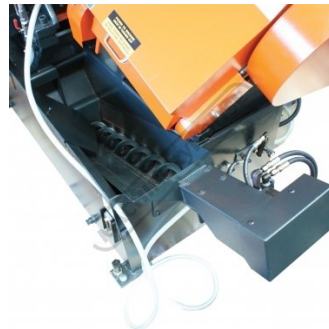
Wire Wheel Blade cleaning Brush



Hydraulic Hitch Feed System



Bundle Cutting Clamp



Hydraulic Driven Swarf Conveyor



Rapid Approach Material Sensor



Cut Length Measuring System



Heavy Duty Gearbox Drive System



Quick Action Vice on Rack Type System



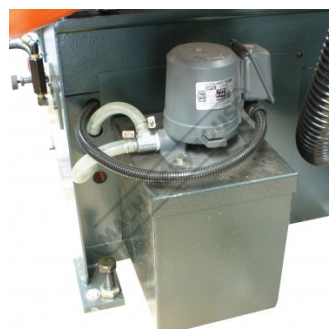
Work Light Direct Above Cutting Area



Hydraulic Oil Level Gauge



Hydraulic Blade Tension Device Side View



Coolant Pump-Tank



Rear View

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Bundle Cutting

**Recommended Accessories**

L300  
 Magnetic Swarf Remover

M9991  
 Magnetic Floor Sweeper

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

S075  
 Cutting Tool Lubricant Paste -  
 200g

S074  
 Cutting Tool Lubricant Paste -  
 500g



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S091

Soluble Metal Cutting Fluid - 20 Litre



L830

Roller Conveyor with Adjustable Stands - Heavy Duty



L835

Roller Conveyor with Adjustable Stands - Extra Heavy Duty



L818

Roller Conveyor



L822

Roller Conveyor Stand



W3434

Roller Stand



W3436

Roller Stand - V-Type



W343A

Roller Stand



W343

Roller Stand



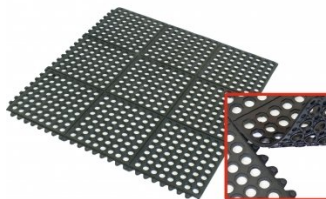
M800

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

