

Product Brochure For B124

H-550HA-NC - NC Double Column Metal Cutting Band Saw - Automatic Hitch Feed

550 x 550mm (W x H) Rectangle Capacity

Please Call



ORDER CODE:	B124
MODEL:	H-550HA-NC
Operation Type:	Fixed (Double Column) & Automatic Hitch Feed
Round @ 90° (mm):	550
Round @ 45° (mm):	~
Round @ 60° (mm):	~
Square @ 90° (mm):	550
Square @ 45° (mm):	~
Square @ 60° (mm):	~
Rectangle (W x H) @ 90° (mm):	550 x 550
Rectangle (W x H) @ 45° (mm):	~
Rectangle (W x H) @ 60° (mm):	~
Coolant System:	Yes
Table Working Height (mm):	800
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):	5980 x 41 x 1.3
Motor Power (kW / hp):	5.5 / 7.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	3800



Description

Manufactured in Taiwan

Fully automatic and intelligent HMI touch screen programmable control accepts many different job quantities and lengths complete with hydraulic vice clamping and hitch feed system

Functions:

1. AUTOMATIC KERF COMPENSATION: Blade thickness for multiple indexing: This function allows and calculates the blade thickness into the programmed cut length so you achieve your desired length required (factory pre-set)
2. AUTOMATIC LOCATE TRIM CUT: When the material is placed in rear vice and this function is selected the machine will automatically find the material end and set up trim cut to the programmed value
3. "SAVE-A-BLADE": To prevent carbide blade tooth deformities. This function retracts the material back approx 3mm away from the blade preventing the carbide blade teeth rubbing on the material on the return after completion of cut. This is activate via selecting the carbide blade function on the control panel
4. AUTOMATIC MATERIAL ZERO POINT LOCATION: This function automatically finds the start point of the material preventing unnecessary trim cut waste
5. AUTOMATIC SHUT-OFF: For finished jobs or out of stock
6. SIMPLIFIED SELF DIAGNOSTICS: Error code display
7. LCD SCREEN: With touch screen display

Features

- Bundle and single cutting mode switch includes bundle cutting clamps (nesting fixture)
- Idle wheel motion proximity switches shuts off machine if blade breaks or slips
- Trim cut function: cuts material end (zero point) in auto or manual mode
- Automatic material location (zero point) to reduce unnecessary trim cut waste
- Coolant system incorporating a wash down hose with trigger gun
- Back-tilted saw frame for longer blade life

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- Inverter controlled infinitely variable blade speed 20-100rpm
- Material height sensor for beam to rapid down and start cut feed rate when reached material
- Precision feed pressure & feed rate dual valve system for optimal performance in any material
- Hydraulic operated carbide blade guides with additional ball bearing guides provides superior accuracy and reduce friction for longer blade life
- Large double columns precision ground for additional support
- Automatic (work height) material sensor with rapid approach
- Automatic hydraulic blade tensioning system with maximum pressure of 30kg/cm²
- Electrical and hydraulic safety interlock prevents machine starting if vices not securely clamped
- Synchronised power driven blade cleaning brush removes swarf from blade
- Full stroke hydraulic cylinder vice provides quicker set-up of jobs
- Hydraulic swarf conveyor directs excess waste to side of machine
- Fitted with vibration dampening device for better cut finishes, blade wear & blade life
- Dual vice clamping providing burr free cut

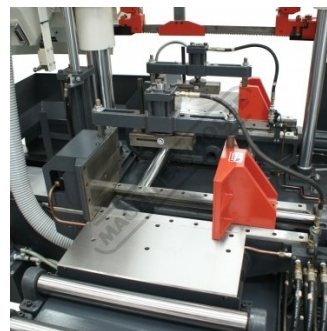
Specific Features



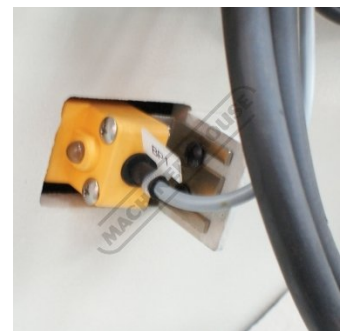
Dual Column Design



Bundle Cutting Clamps



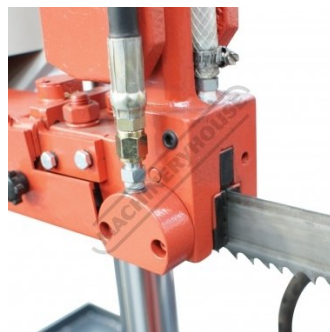
Bundle Cutting Clamps Fitted



Blade Breakage Sensor



Hydraulic Blade Tension



Hydraulic Blade Guides



Powered Blade Cleaning Brush



Halogen Work Light



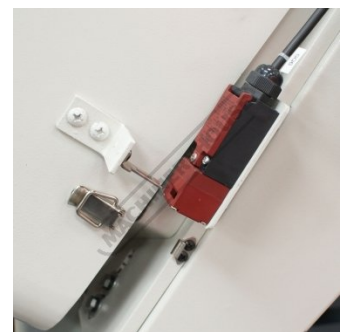
Material Sensor



Hydraulic Chip Conveyor



Blade Drive System

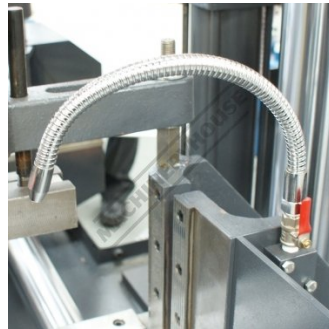


Blade Guard Micro

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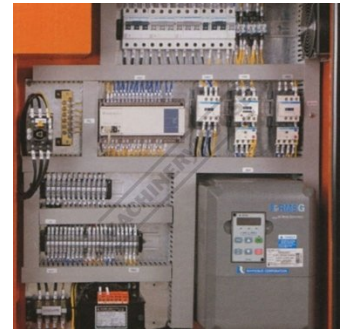
Cast Iron Blade Wheels



Coolant Hose



Coolant Cleaning Gun and Pump



Electrical Control Cabinet



NC Control Panel



Blade Feed Controller



Control Panel



Touch Screen Home Page



Touch Screen Programme Edit Page



Touch Screen Diagnostics Page



On Off Switches



Hydraulic Full Stroke Vice



Rear Back View



Rear View

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Recommended Accessories

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



S091
 Soluble Metal Cutting Fluid - 20
 Litre



L300
 Magnetic Swarf Remover



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M9991
 Magnetic Floor Sweeper



L830
 Roller Conveyor with Adjustable
 Stands - Heavy Duty



L818
 Roller Conveyor



L820
 Roller Conveyor Stand



W3434
 Roller Stand



W3436
 Roller Stand - V-Type



W343A
 Roller Stand



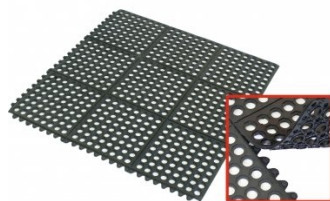
W343
 Roller Stand



M800
 Rubber Mat - Anti-Fatigue



M805
 Rubber Mat - Anti-Fatigue



O000
 SpillFix Universal Organic
 Absorbent



O000A
 Natural Zeolite Absorbent



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O043

Rust & Corrosion Preventive -
Penetrant & Lubrication



O042

General Purpose Lubricant &
Corrosion Inhibitor



O040

Rust & Corrosion Preventive -
Penetrant & Lubrication



O044

Rust & Corrosion Preventive -
Penetrant & Lubrication

