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Product Brochure For B090

NC Double Column Metal Cutting Band Saw - Automatic Hitch Feed - C-320NC

NC Touch Screen Control Panel
380 x 320mm (W x H) Rectangle Capacity



ORDER CODE:	B090
MODEL:	C-320NC
Operation Type:	Fixed (Double Column) & Automatic - Hitch Feed
Round @ 90º (mm):	320
Round @ 45º (mm):	~
Round @ 60º (mm):	~
Square @ 90º (mm):	320
Square @ 45º (mm):	~
Square @ 60º (mm):	~
Rectangle (W x H) @ 90º (mm):	380 x 320
Rectangle (W x H) @ 45º (mm):	~
Rectangle (W x H) @ 60º (mm):	~
Coolant System:	Yes
Table Working Height (mm):	790
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:	Automatic-Hydraulic
Bundle Cutting Fixture:	Yes
Blade Steps / Speeds (M/Min):	Variable 20-100
Blade Size (L x W x T) (mm):	4240 x 34 x 1.1
Motor Power (kW / hp):	3.75 / 5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	1850

Description

Manufactured in Taiwan

C-320NC Double column metal cutting band saw (415V): fully automatic hitch feed

Features

- Smart NC-20 (SNC-20) touch screen control programmable to 99 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 desired length required (factory pre-set)
- 2. "Save-a-blade": to prevent blade tooth deformities, This function retracts the material back approx 3mm away from the blade preventing the blade teeth rubbing on the material on the return after completion of cut
- 3. Automatic shut-off for finished jobs or out of stock
- 4. Simplified self diagnostics error code display
- 5. LCD touch screen displaying the following blade speed, blade life & feed vice position display
- 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
- Coolant system incorporating a wash down hose with trigger gun
- Back-tilted saw frame for longer blade life
- Inverter controlled infinitely variable blade speed 20-100mpm
- Precision feed pressure & feed rate dual valve system for optimal performance in any material
- Carbide and ball bearing blade 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
- Electrical and hydraulic safety interlock prevents machine starting vices securely clamped
- Synchronised power driven blade cleaning brush removes swarf from blade
- Dual vice clamping providing burr free cut
- Double retracting vice jaws (feeding vice only) reduces friction from jaws rubbing on material during the feeding process
- Full stroke hydraulic cylinder vice provides quicker set-up of jobs
- Hydraulic swarf conveyor directs excess waste to side of machine
- Vibration dampener system provides smoother cutting.

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Specific Features


Left View


Rear View


Control Panel


Touchscreen Main Screen


Touchscreen Job Programs


Touchscreen Job Setup

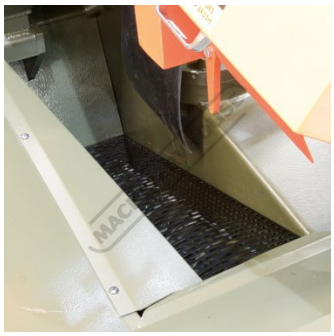

Touchscreen Material Guides


Touchscreen Material Guides Bundle

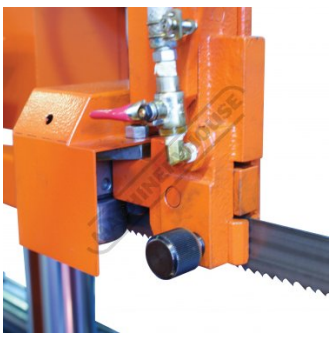

Dual Column

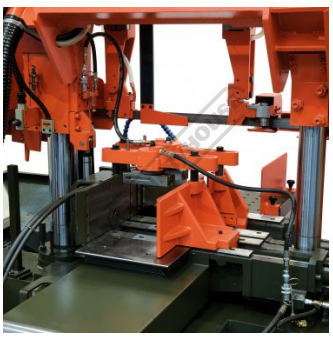

Hydraulic Driven Swarf Conveyor Front View

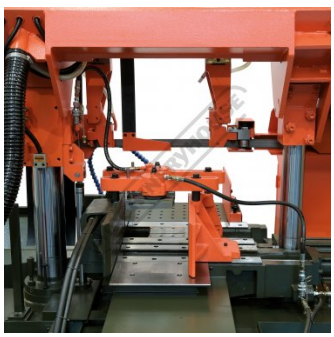

Hydraulic Driven Swarf Conveyor


Hydraulic Driven Swarf Conveyor Close Up


Rapid Approach Material Sensor

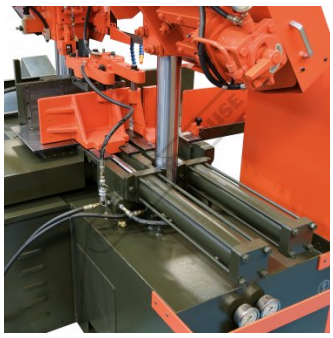

Ball Bearing Blade Guides with Carbide Pads


Bundle Cutting Clamps Right View

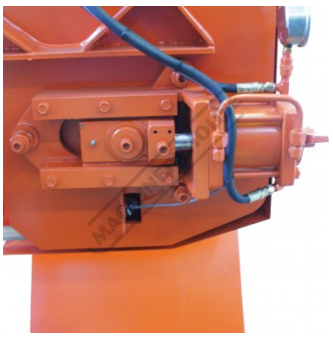

Bundle Cutting Clamps

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Product Brochure For B090


Dual Vice Clamping


Hydraulic Blade Tension Lever & Gauge


Hydraulic Blade Tension System Rear


Roller Guide System


LED Light Full View


LED Light


Micro Blade Guards


5hp Motor


Hydraulic Oil Level Gauge


Coolant Pump and Tank


Pressure Guages

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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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Product Brochure For B090

M9991
Magnetic Floor Sweeper



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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Product Brochure For B090

O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

