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Product Brochure For B042

Automatic Hitch Feed Metal Cutting Band Saw - C-300NC

340 x 300mm (W x H) Rectangle Capacity



ORDER CODE:	B042
MODEL:	C-300NC
Operation Type:	Fixed Head & Automatic Hitch Feed
Round @ 90º (mm):	300
Round @ 45º (mm):	~
Round @ 60º (mm):	~
Square @ 90º (mm):	300
Square @ 45º (mm):	~
Square @ 60º (mm):	~
Rectangle (W x H) @ 90º (mm):	340 x 300
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:	Automatic-Hydraulic
Bundle Cutting Fixture:	Yes
Blade Steps / Speeds (M/Min):	Variable 20-100
Blade Size (L x W x T) (mm):	3820 x 34 x 1.1
Motor Power (kW / hp):	3.75 / 5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	2000

Description

Manufactured in Taiwan

Automatic, hitch feed operation
Bundle cutting with nesting fixture

Smart NC-20 (SNC-20) control programmable to 20 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 screen with keypad displaying the following blade speed, blade life & feed vice position display
bundle and single cutting mode switch includes bundle cutting clamps (nesting fixture)

Features

- 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
- Bundle and single cutting mode switch
- Automatic (work height) material sensor with rapid approach
- Automatic hydraulic blade tensioning system
- Synchronised power driven blade cleaning brush removes swarf from blade
- Dual vice clamping providing burr free cut
- Electrical and hydraulic safety interlock prevents machine starting vices securely clamped
- Double retracting vice jaws (feeding vice only) reduces friction from jaws rubbing on material during the feeding process
- Quick action hydraulic vice provides quicker set-up of jobs
- Hydraulic swarf conveyor directs excess waste to side of machine

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- Vibration dampener system provides smoother cutting

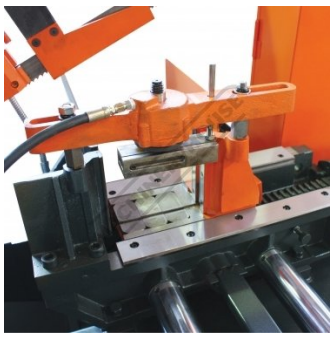
Specific Features


Control Panel


Hitch Feeding System


Hydraulic Blade Tension Device with Gauge


Blade Tension Gauge


Bundle Cutting Clamp


Heavy Duty Gearbox Drive System


Ball Bearing Blade Guides with Carbide Pads


Rear View Left


Hydraulic Blade Tension Device Side View


Hydraulic Driven Swarf Conveyor


Rapid Approach Material Sensor


Light Direct Above Work Piece


Coolant Nozzle and Fixed Hose Direct Above Blade


Wire Wheel Blade Cleaning Brush


Coolant Pump and Tank


Hydraulic Oil Level Gauge

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Dual Clamp


Rack Type Clamps


Rear View



Right View


Bundle Cutting

Recommended Accessories

L300
Magnetic Swarf Remover



M9991
Magnetic Floor Sweeper



B525
Metal Band Saw Blade - 4-6TPI Bi-Metal, Blade - 3820 x 34 x 1.3mm



S090A
Soluble Metal Cutting Fluid - 1 Litre



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Product Brochure For B042

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



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



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Product Brochure For B042

W343A
Roller Stand



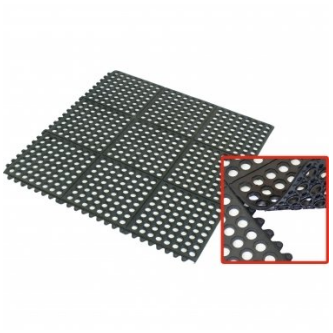
W343
Roller Stand



M800
Rubber Mat - Anti-Fatigue



M805
Rubber Mat - Anti-Fatigue



O000
SpillFix Universal Organic Absorbent



O043
Rust & Corrosion Preventive



O042
General Purpose Lubricant & Corrosion Inhibitor



O040
Rust & Corrosion Preventive



O044
Rust & Corrosion Preventive

