

Product Brochure For B106

Automatic Hitch Feed Metal Cutting Band Saw - BS350/60 AFI-NC

350 x 200mm (W x H) Rectangle Capacity



Description

European Quality Made in Italy

Features

- CNC automatic band saw, hydraulically driven enables 99 different cutting lengths and number of cuts can be memorised, with the possibility to repeat them more than once
- CNC controls with programming of all operations; machine status shown on display, including blade speed, piece counter; working anomalies shown, too; setting of the cutting lengths (from 4 - 9999mm) by means of the keyboard on the control panel with repetition hitch feeder strokes
- Mitre cutting from 0° to 45° right in automatic cycle and from 0° to 60° right in semi-automatic cycle
- Automatic Kerf Compensation: = Blade Cut Thickness for multiple indexing: This function allows and calculates the blade cut thickness into the programmed cut length so you achieve desired length required (factory pre-set)
- Hydraulic fixed vice, anti-burr hydraulic vertical vice on the unloading side
- Adjustment of the blade tension from the front side of the saw frame, checked by an end-stroke
- Electronic inverter control for variable speed from 18-100m/min
- Bundle cutting clamps (Nesting Fixture) allows 300 x 120mm or 120 x 20mm capacity
- Blade tension 2300 kg/cm, blade guides with hard metal pads will enable a longer blade life providing the correct cutting parameters are set
- Hardened chromium-plated and tempered metal blade guides & additional bearing for blade alignment
- Mechanical device (position sensor) that allows the saw frame to lower quickly toward the material and automatically switch to cutting feed rate for increasing production
- Feeder with 350 mm opening, maximum stroke 515 mm, minimum stroke 4 mm (minimum scrap 80 mm); incremental feeding with automatic calculation of the blade thickness.
- Connection for loading table with two vertical rollers, unloading slide, connection for unloading table with guide for cutting pieces.
- Main switch with minimum tension coil, emergency button, thermal and magnetic motor protection
- Low voltage (24V), main switch with interlocking attachment and minimum tension coil
- Automatic diagnostics circuit displaying error messages to immediately located obstruction
- Removable chip collector tank, coolant tank with electro-pump, washing gun for cleaning, hydraulic unit with oil; blade-cleaning brush, bi-metal blade
- Tools and user's manual
- In compliance with CEE Safety and Electromagnetic Compatibility standards(EMC)
- Electrics according to the EN60204-1, EN55011, EN50082-2 EN50082-2 standards

Includes

- Coolant Unit

ORDER CODE:	B106
MODEL:	BS-350/60 AFI-NC
Operation Type:	Swivel Head & Automatic Hitch Feed
Round @ 90° (mm):	305
Round @ 45° (mm):	250
Round @ 60° (mm):	175
Square @ 90° (mm):	250
Square @ 45° (mm):	230
Square @ 60° (mm):	155
Rectangle (W x H) @ 90° (mm):	350 x 200
Rectangle (W x H) @ 45° (mm):	230 x 200
Rectangle (W x H) @ 60° (mm):	170 x 100
Coolant System:	Yes
Table Working Height (mm):	880
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 18-100
Blade Size (L x W x T) (mm):	3370 x 27 x 0.9
Motor Power (kW / hp):	1.8k/ 2.5
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	890

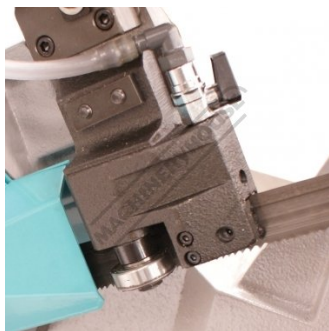
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- Blade Cleaning Brush
- 1 x Blade
- Hydraulic Feed

Specific Features



Blade Guides



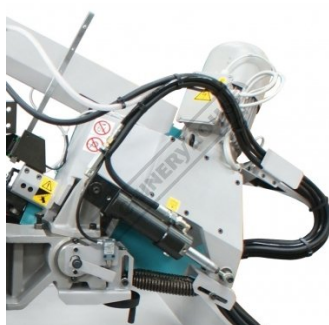
Blade Guides Rear View



Material Sensor



Cleaning Hose



Motor Gearbox Drive System



Control Panel



Down Feed Control



Switch Open



Switch Shut



Front Guard Open



Front View



Side View



Bundle Clamp



Hydraulic Unit



Angle Swivel Head



Blade Cleaning Brush

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Recommended Accessories

W3434
Roller Stand



W3436
Roller Stand - V-Type



W343A
Roller Stand



W343
Roller Stand



s091
Soluble Metal Cutting Fluid - 20 Litre



L812
Roller Conveyor



L816
Roller Conveyor Stand



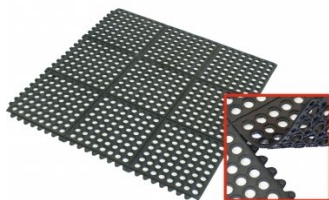
M800
Rubber Mat - Anti-Fatigue



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M805

Rubber Mat - Anti-Fatigue



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



O000

SpillFix Universal Organic Absorbent



O043

Rust & Corrosion Preventive



O042

General Purpose Lubricant & Corrosion Inhibitor



O040

Rust & Corrosion Preventive



O044

Rust & Corrosion Preventive

