

IMET BS350/60 AFI-NC

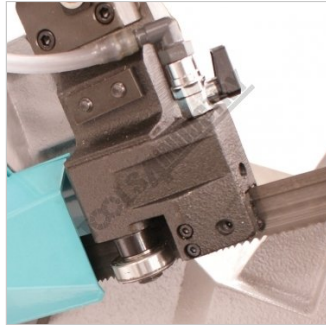
Automatic Hitch Feed Metal Cutting Band Saw



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



Blade Guides



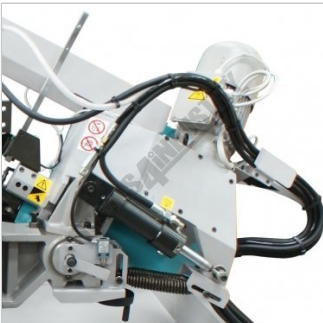
Blade Guides Rear View



Material Sensor



Cleaning Hose



Motor Gearbox Drive System



Control Panel



Down Feed Control



Switch Open



Switch Shut



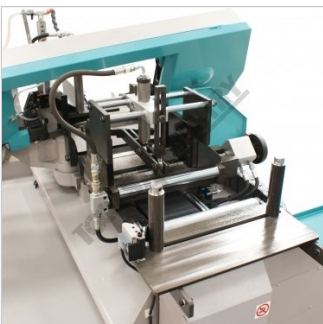
Front Guard Open



Front View



Side View



Bundle Clamp



Hydraulic Unit



Angle Swivel Head



Blade Cleaning Brush

IMET Automatic Hitch Feed Metal Cutting Band Saw BS350/60 AFI-NC**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
- Blade Cleaning Brush
- 1 x Blade
- Hydraulic Feed

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Specifications

| | |
|---------------------------------------|-------------------------------------|
| 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 |
| 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 |