

SEMI-AUTOMATIC BAND SAW MACHINE IMET MOD.BS 350 SHI ARC DESCENT



BS 350 SHI is the semiautomatic IMET bandsaws able to cut on left (0° - 60°) and right (0° - 45°) tubes, bars and profiles for medium size batch production. The machine can work with a wide range of materials and high resistance steels and can easily be installed in every professional workshops.

- BS is equipped with a wide cast-iron working area (460 mm) what rotates in the same direction of the sawframe to avoid scratches.
- Easy-to-use automatic stops system at 0° and 45° for maximum positioning precision with graded scale on the plate.
- A mechanical detection device allows to have fast approach BS bandsaws mount a mechanical detection device that allows to have fast approach to the material, automatically detecting the first cut point while end-cut is provided by micro-switch.
- Standard on the machine there's a connection element for loading roller table with supplementary free roller and residuals collecting removable tank.
- Hard metal blade guides (placed before and after the cutting line) with frontal bearing help to always keep the best alignment while working.
- All main machine operation and cutting setting can be managed from the panel control which also have control LED and motor absorption ammeter.
- End-cut is provided with canted sawframe to improve the blade penetration in the material and have a constant bow lowering speed. This help also to have a right blade feeding with the possibility to regulated in based on the kind of material.

TECHNICAL CHARACTERISTICS

• cutting capacity at 0 ° round	mm.	305
• cutting capacity at 0 ° square	mm.	250x250
• cutting capacity at 0 ° rectangular	mm.	350x200
• cutting capacity at 45° sx e dx round	mm.	250
• cutting capacity at 45° sx e dx square	mm.	230x230
• cutting capacity at 45° sx e dx rectangular	mm.	230x200
• cutting capacity at 60° sx round	mm.	175
• cutting capacity at 60° sx square	mm.	155x155
• cutting capacity at 60° sx rectangular	mm.	170x100
• cutting capacity at 0° full (C45)	mm.	200
• 2-speed motor power	KW	1,5/1,8
• rotation speed	rpm	37/74
• number of speed ranges	n°	2
• blade height	mm.	27
• blade thickness	mm.	0,9
• blade length	mm.	3370
• height of the loading plan	mm.	940
• weight machine	Kg.	606
• floor space	mm.	1480x1700
• height machine	mm.	1900

STANDARD ACCESSORIES

- Adjustable electric control panel, control LED and motor absorption ammeter
- Large rotating work surface integral with the arch
- Closed tubular steel arch
- Motorized blade cleaning brush with nylon inserts
- Sliding vice with quick approach
- Autonomous cutting from 0° to 45° to the right and from 0° to 60° to the left
- Blade guide pads with carbide inserts, additional front bearings for alignment
- Year of construction 2001
- Operator and maintenance manuals
- CE Mark