




Band Saw ZIP 30**CUTTING CAPACITY**

			
0°	220	195	245 x 115
45° DX	150	140	140x140
60° DX	85	85	85 x 85

DESCRIPTION

Manual band sawing machine for solid and metal profiles. Also steel, stainless steel, brass, aluminium, copper. Robust, versatile and handy, for artisan metal works and professional duty.

One way miter cutting (from 0° to 60°).

Cast-iron sawframe on twin tapered bearings and ring nut to provide greater stability.

Precision blade-guide with hard metal pads, bearings and anti-corrosion treatment.

Two cutting speeds.

Vice with quick lock lever.

Cutting cycle: vice locking of material to cut - the sawband runs as long as the operator holds the gripswitch - manual pull down of the sawframe.

TECHNICAL FEATURES

Machine bed in thick metal works exclusively made by domestic workshops.

High level machining and finishing of the parts.

Vice and sawframe in cast-iron providing high stability and vibration free cutting.

Mechanical blade tension with handwheel.

Precision blade-guide with hard metal pads and roller bearings. Anti-corrosion treatment with electrolytic nickel-plating and galvanization zinc plating ensure long lasting cutting precision.

Electric motor and reduction unit from domestic ISO certificated manufacturers.

Electric installation according CEE regulations: switch/speed switch, line push-button, emergency push-button and gripswitch to run the sawband.

Set of fuses against current overload. Motor protected thermal feeler.

Safety microswitch on the blade protection.

Coolant liquid with electropump and crucible.

Severe tests on mechanical tolerances, electric installation and final performance test according to UNI EN ISO 9001 Quality System.



- Centre de prelucrare CNC
- Componente pentru masini unelte
- Produse industriale

Patrascu & Gane Engineering Company SRL



STANDARD EQUIPMENT:

- Certificate of conformity and instruction manual according to Machine Directive 98/37 CEE .
- Pedestal in steel plate.
- Set of service spanners.
- Bar stop.
- Side roller arm supporting the bar to cut.
- Bi-metal sawband

OPTIONAL EQUIPMENT:

- DUAL-MODE: sawframe downfeed selection system:
 1. Manual downfeed.
 2. Gravity downfeed with adjustable speed.
- PNEUMATIC VICE: automatic locking and opening of the vice.
- Rollerway 2 meters long on loading side (capacity 240 kg.)
- Rollerway 2 meters long on unloading side (capacity 240 kg.) with bar stop.

TECHNICAL SUPPORT:

- Technical support from the local service centre.
- Spare parts delivery is guaranteed for 10 year from the construction date.

TECHNICAL DATA:

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ELECTRIC MOTOR - 3-PHASE - 2 SPEEDS	kW	1 - 1,4
COOLANT PUMP MOTOR	kW	0.07
REDUCTION RATIO	I	40/1
FLYWHEEL Ø	mm	295
BLADE DIMENSIONS	mm	2480x27x0.9
BLADE SPEED	m/min	32 - 64
VICE OPENING	mm	270
SAWFRAME INCLINATION	°	40
WORKING TABLE HEIGHT	mm	970
MACHINE DIMENSIONS	mm	1200x1850x1850
MACHINE WEIGHT	Kg	330

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