




BandSAW SAR 440 SA GDS**CUTTING CAPACITY**

			
0°	440	440	610 x 440
45° DX	440	440	500 x 230
45° SX	440	440	500 x 230
60° DX	320	300	320 x 245
60° SX	340	320	340 x 250

DESCRIPTION

Band sawing machine with sawframe gravity downfeed. For solid and metal profiles. Also steel, stainless steel, brass, aluminium, copper. Robust, versatile and handy, for professional duty.

Two ways miter cutting (60°-0°-60°).

Hydraulic vice.

Replaceable working table.

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.

Mechanical blade speed variator.

Vice with quick lock lever.

Cutting cycle: vice locking of material to cut - sawband starts running - sawframe gravity downfeed - sawband stops at the end of the cut - sawframe lift.

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.

Side-to-side mobile vice with quick pawl and rack approach system.

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,



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

Patrascu & Gane Engineering Company SRL

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THOMAS_SAR 440 SA

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

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:

- Rollerway 2 meters long on loading side (capacity 1000 kg.)
- Rollerway 2 meters long on unloading side (capacity 1000 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	kW	2,2
HYDRAULIC PUMP MOTOR	kW	1,1
COOLANT PUMP MOTOR	kW	0,18
FLYWHEEL Ø	mm	455
BLADE DIMENSIONS	mm	5200 x 34 x 1,1
VARIABLE BLADE SPEED	m/min	28 ÷ 140
VICE OPENING	mm	615
SAWFRAME INCLINATION	°	0
WORKING TABLE HEIGHT	mm	750
MACHINE DIMENSIONS	mm	2500x3000x2500
MACHINE WEIGHT	Kg	1570