











Hydraulically driven automatic band saw. Especially suited for cutting metal profiles for carpentry, tubes and solid from 60° left to 60° right in automatic cycle . You can program from the keyboard quantities, length and dimensions of the pieces. In compliance with CE Safety Standards and Electromagnetic Compatibility Norms (EMC). Steel saw frame with tubular section; worktable supported by 2 central ball bearing. Adjustable taper rollers located on the rocking pin. 360mm pulleys, Long Life reducer. Blade-driving guides with hard metal pads and driving bearings. Feeder up to 2000 mm length, controlled by inverter and recirculating ball screw with diameter of 32 mm. Every movement is made frictionless on linear tempered guides with recirculation carriage or radial bearings. The control allows more than 50 cuts program with different forms, length and quantities.

STANDARD VERSION COMPLETE WITH:

- electric equipment complying with E.C. Norms EN60204-1, EN-55011, EN-50082-2,
 - general switch which can be locked, minimum tension coil, thermo-magnetic overloads motor protection, emergency button, micro switch for blade tensioning and for blade cover; thermal sensors for motor overload; Electronic Speed Control (ESC).
 - cutting cycle: AUTOMATIC fast approach of the saw frame to the cut-start point, then the machine adopts the cutting speed until reaching the cut-end point, which is predisposed by a micro switch; as a final step, the saw frame goes back to the cut-start position, the feeder moves the material in correspondance of the required measure, the frame rotates of the correct angle and, only if necessary a new cutting cycle it will be started until the end of the cutting program.
 - hydraulic regulators for feed speed and feed force, located on control consol
 - mechanical blade tensioning, micro switch for checking the tension, instant stop in case the blade breaks or is not tensioned
 - steel supporting roller of 480 mm width on the loading side
 - hydraulic front vices that moves transversally on the worktable, supported by recirculating ball guides; vice opening 460 mm, jaws height 180 mm
 - blade-cleaning device by means of a motorized brush
 - floor stand equipped with removable chips collector; hydraulic unit with oil; tank and electric pump for coolant; bi-metal band
 - wrenches and manual of instructions, maintenance and spare parts
- Integrated keyboard with CNC , big RAM memory, LCD display for programming the cutting characteristics and the angles.



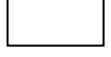

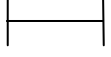

 If not differently indicated, all data reported in this manual refer to the standard version, suitable for working at 400 V / 50 Hz THREEPHASE.

	= cutting capacity (max. dimensions on PROFILES & TUBES)
	= BLADE DIMENSIONS
	= WEIGHT
	=VICE OPENING
	= motor choice and blade speeds (at 50 Hz);

				
mm	Kw	Mt/min	mm	Kg
3930X27X0,9	2,2 3~	Da 15 a 100	460	985 net 990 gross

Dimensions (cm)	B	L	H
When working	140	200	218
packed	160	220	180

Into brackets the cutting capacity without fast approaching plate

SECTION	ROUND	SQUARE	RECTANG.	RECTANG.	H PROFILE	H PROFILE
ANGLE						
0°	310 (350)	280 (330)	450X270 (450X320)		IPE 450X190 (HEB 450X300)	HEB 180x180
45°	300 (330)	270 (320)	320X270 (320X300)		IPE 300X150 (HEB 320X300)	
60° LEFT	210	200		180X270	HEB 200X200	
60° RIGHT	160	150		150X270	HEB140X140	HEB 140X140

Automatic control of the position of start and end of cutting through feeler

Preset for connecting rolling tables

Locking stroke of 7 mm

Minimum scrap end at 0° is 165 mm

Hydraulic cylinder on the unload side to guide the cutted pieces.

Single block column and frame supporting the feeder made of solid steel bended and welded steel structure