



SHARK

230-1 NC HS 5.0

SHARK 230-1 NC HS 5.0, electrohydraulic automatic double-column bandsaw for 0° cuts on profiles and solid parts in structural, stainless and alloy steels, with restpiece which cannot be fed in automatic of 70 mm.

- It cuts dimensions up to 230x230 mm and can operate also in semi-automatic cycle.
- Cnc machine with windows base MEP50 control. This plc has been specifically designed by mep for the automation of its products range.
- Programmable plc up to 100 different jobs which can be made in sequence.

FEATURES

- 7" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and user friendly showing all the cutting parameters in real time.
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Low voltage control panel installed on an articulated arm.

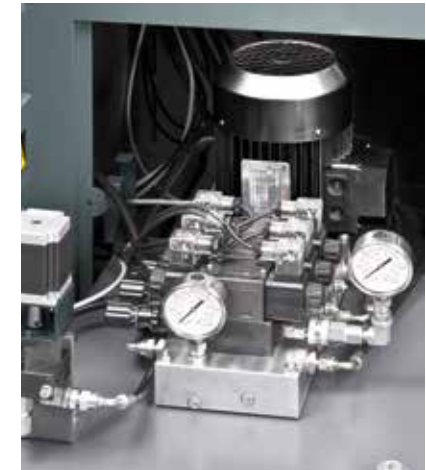




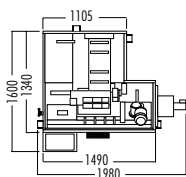
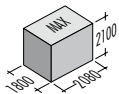
- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Automatic setting of the actual starting point of the cut.
- Saw head mounted on a post and linear guide with pre-loaded ball bearings.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joystick according to dimension of the material.
- Self regulation in real time of head down feed rate.
- Manual band tension with LED display on control panel.
- Hydraulic power pack to supply the saw frame and the feeding and cutting vices. Variable pressure adjusters allow to set the clamping force.
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 500mm in a single stroke with automatic blade kerf compensation.
- Feeder vice with sideways movement for self-

- adjustment in case of bars slightly deformed.
- Automatic retract of back jaw feeder vice to help the feed-in of bars heavily deformed (OPTIONAL).
- Driving pulley secured by tapered hub to ensure a strong fastening still allowing axial adjustment.
- Adjustable blade-guide heads in steel with carbide guide inserts, coolant taps for the traditional lubrication and preset to install the mist lubrication (OPTIONAL).
- Automatic adjustment of the front blade-guide head according to the dimensions of the bars to be cut.
- Two vertical rollers to help aligning of the material.
- Outfeed adjustable guide for parts cut.
- Enclosed steel base with coolant tank and chip drawer, that can be replaced by a powered chip auger (OPTIONAL).
- Mechanical driven blade brush keeps the blade gullets clean, helping to maximize blade performance and life.

- Sound and flashing indicator for machine shut-downs.
- Machine preset for being handled by forklift.
- Bi-metal band saw blade for solids and profiles.
- Service keys and instructions manual, for maintenance and spare parts list.



OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 11 - 14 - 15 - 34 - 53 - 54 - 57 - 58 - 61 - 69 - 72 - 73 - 80



mm	kW	kW	mm	kW	l	kW	l	mm	0°	mm	mm	kg
15÷100	2,2	3,0	2950x27x0,9	1,1	33	0,18	95	235		230	230	1175

