



SHARK

230 NC HS 5.0

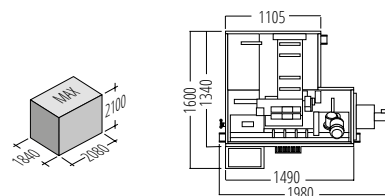
SHARK 230 NC HS 5.0, electrohydraulic automatic double-column bandsaw for 0° cuts on profiles and solid parts in structural, stainless and alloy steels, with restpiece which cannot be fed in automatic of 60 mm.

- It cuts dimensions up to 230x230 mm and can operate also in semi-automatic cycle.
- CNC machine with controlled double axis so as to obtain, on the same bar, 1000 different lots each of different lengths and quantities.
- CNC machine with a new controller : MEP 50 with Windows "CE" based. This new PLC has been specifically designed by MEP for the automation of its range of products.



OTHER FEATURES

- 7" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and intuitive, it guarantees a reliable use and it controls all cutting parameters in real time
- Protective guards for the operator safety according to the latest Machine Directives EN 13898/2007.
- Field bus control system with double microprocessor with serial connection.
- Structure in sturdy cast iron G25, to absorb vibrations and give the machine a better cutting stability and longer blade life.
- Ergonomically positioned on the front side of the machine, the control panel allows for easy viewing of machine operations and job set up.
- Infinitely adjustable cutting speed from 15 to 100 m/min controlled by an AC inverter drive system.
- Automatic acquisition of the actual starting point of the cut



OPTIONALS FROM PAG 61 - N° 02 - 03 - 04 - 34 - 53 - 54 - 61 - 72 - 73

mm	kW	mm	l	mm	mm	°	mm	mm	kg		
15÷100	2,2	2950x27x0,9	0,75	33	0,18	95	255	0°	230	230	1000



- Saw frame movement on linear guide with ball-recirculating pre-charged slide.
- Cutting head and feeding vice positioning with joystick
- Automatic adaptive shearing stress control system with servovalve mounted directly on the cylinder.
- 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.
- Feeding length up to 500 mm in a single stroke driven by a stepper motor and ball screw assembly.
- 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 the material.
- Adjustable guide to unload cut pieces.
- Band rotation control with stop in real time in case of locked tool.
- Enclosed steel base with coolant tank and chip drawer, that can be replaced by a powered chip auger (OPTIONAL).
- Blade brush driven off band wheel.
- Sound and flashing indicator for machine shut-downs.

- Machine preset for being handled by lift truck or crane.
- Bimetal band for the cut of profiles and solid pieces.
- Service keys and instructions manual, for maintenance and spare parts list.

