



SHARK

331-1 NC 5.0 SPIDER

SHARK 331-1 NC 5.0 spider, Electrohydraulic automatic band sawing machine which can also operate in semi-automatic cycle for cuts from 0° to +60°. Machine with compact dimensions.

- Cnc machine with windows base MEP50 control. This plc has been specifically designed by mep for the automation of its products range.

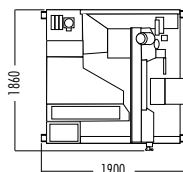
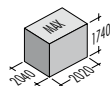
FEATURES:

- 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.
- Programmable plc up to 100 different jobs which can be made in sequence.
- Low voltage control panel installed on an articulated arm.
- Visualization and record of alarms and events with the possibility to visualize the story of occurred events.
- Upper and lower saw head limits and bar



OPTIONALS FROM PAG 47 - N° 02 - 03 - 04 - 10 - 11 - 14 - 15 - 33 - 34 - 57 - 61 - 70 - 72 - 73 - 80 - 81 - 83

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m/min	kW	mm	OIL		mm		Kg	Cutting Parameters				
			kW	l	mm	mm		mm	0°	300	260	330x260
15÷100	2,2	3650x27x0,9	0,75	33	0,18	100	335	1150	+45°	240	230	240x160
									+60°	160	150	150x150



- feeder forward/backward, are set through a joystick according to dimension of the material.
- Structure in grey cast iron g25, reducing drastically vibrations, grant a better stability and longer blade life.
- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Bar feeder with stepper motor and ball screw. Multi-indexing up to 600mm in a single stroke with automatic blade kerf compensation.
- Feeder vice with alarmed safety cover stopping all functions of the saw if opened.
- Cutting head and feeding vice positioning with joystick.
- Automatic setting of the actual starting point of the cut.
- Electronic transducer to visualize band

- tensioning.
- Self regulation in real time of head down feed rate.
- Continuous control of the blade rotation. In case the blade is jammed, automatically the machine will stop.
- Adjustable rollers for bundle cutting on one row.
- Adjustable guide to unload cut pieces.
- Coolant tank inside the steel base with two electric pumps to lubricate and cool off the band saw blade. The drawer to collect chips can be replaced with a motorized chip auger (OPTIONAL).
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard delivered traditional lubrication with emulsible oil.
- Additional foot pedal with emergency stop (OPTIONAL).

- Wire chip brush for band cleaning.
- Emergency lamp with acoustic signal in case the machine is in a stand still situation.
- Machine arranged for handling with forklift.
- Bi-metal band saw blade for solids and profiles.
- Service keys and instructions manual for maintenance and spare parts list.

