



# SHARK

## 331 NC 5.0 SPIDER

SHARK 331 NC 5.0 spider, Electrohydraulic automatic band sawing machine which can also operate in semi-automatic cycle for cuts from 0° up to 60° left.

Machine with compact dimensions.

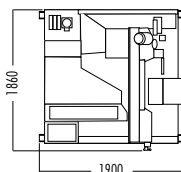
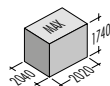
CNC machine with a new controller: MEP 50 with Windows "CE" based. This new PLC has been specifically designed by MEP for the automation of its range of products.

### A FEW 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.
- Console with all centralized controls, installed on a fixed pedestal in order that the operator can operate all programming and operating functions completely safe.
- Visualization and registration of alarms and events with the possibility to visualize the story of occurred events.
- Electronic inverter for the continuous adjustment



OPTIONALS FROM PAG 61 - N° 02 - 03 - 04 - 10 - 17 - 33 - 34 - 51 - 61



m/min	kW	mm	OIL		mm		Kg	Cutting Capacity			
			kW	l	mm	mm		mm	0°	45°	60°
15÷100	2,2	3320x27x0,9	0,75	33	0,18	100	340	1240	280	260	330x260
									260	250	270x200
									180	170	170x170



- of the band speed from 15 to 100 m/min.
- Latest generation hydraulic control unit, with high efficiency and low energy consumption.
- Bar feeder with recirculating balls screw/nut and stepper motor (feed in length in one stroke 600 mm, that can be repeated in order to cut any length).
- Feeding vice cover with safety limit switch in case the operator opens the cover during the cutting cycle.
- Cutting head and feeding vice positioning with joystick.
- Automatic acquisition of the actual starting point of the cut.
- Electronic transducer to visualize band tensioning.

- Automatic adaptive shearing stress control system with servovalve mounted directly on the cylinder.
- 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.
- Extractable coolant tank with two electric pumps so as to lube-refrigerate band. 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 movement equipment.
- Bi-metal band for solids and sections.
- Service keys and instructions manual for maintenance and spare parts list in the language of use.

