

# SHARK 281 SXI EVO

SHARK 281 SXI evo, semi-automatic, electro-hydraulic band sawing machine for cutting from 0° to +60°.

- Machine equipped with a latest generation microprocessor control specifically designed by Mep.

SEMI-AUTOMATIC CYCLE: the vice closes and the motor starts – the head goes down to execute cut – motor stops – head returns to top position and vice opens.

- Standard machine with operation in semi-automatic cycle only, that can be ordered with additional cutting cycles upon request (OPTIONAL): manual and semi-automatic dynamic cycle (semi-automatic dynamic cycle: annual setting of head position according to material size, start of cycle by means of handle switch, automatic return of saw head to the last starting point.

- CYCLE DOWN UP : Operating in semiautomatic cycle, the new function DOWN makes the head and blade motor stop once the cut is finished with the vice closed, by pressing the UP button the head raises back to its starting point and the vice opens.



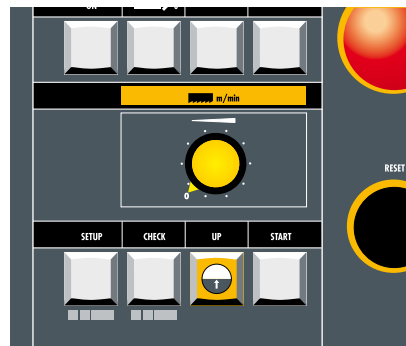


**FEATURES:**

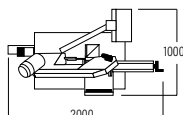
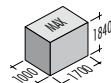
- Low voltage control panel installed on an articulated arm.
- Display for the following messages: + Diagnostic (messages in the use language). + Alarms (cause description). + Input and output status. + total cutting time + Single cut time + Blade amperage + Blade tension. + Blade speed. + Head position.
- Program with special cutting cycles.
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- Upper and lower saw head limits and bar 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.
- Two band saw blade speed (40-80 m/min.) Preset to mount the electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- The limits of the head stroke are programmed through the console, depending on the dimensions of the bars to be cut.
- Manually-operated blade tensioning through electronic transducer displayed on the console.
- Steel base with removable coolant tank.
- Electric pump for band lubrication and cooling.
- Preset to be equipped with the spray mist

- system (OPTIONAL), other than with the standard-delivered traditional lubrication with emulsible oil.
- Wire chip brush for band cleaning.
- Machine arranged for handling with forklift.
- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Stock support arm with roller predisposed to mount loading table.
- 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 - 10 - 11 - 12 - 16 - 32 - 34 - 36 - 57 - 67 - 72 - 80**



								
mm	kW	m/min	mm	0°	250	230	280x200	kg
2950x27x0,9	1,5/1,8	36/72	285	+45°	190	180	180x180	
				+60°	120	110	110x110	435