



SHARK

512 SXI EVO

SHARK 512-1 SXI evo, semi-automatic electro-hydraulic sawing machine with 4650x34x1,1 mm band, to cut pipes, profiles and beams up to 510x320 mm at 0°.

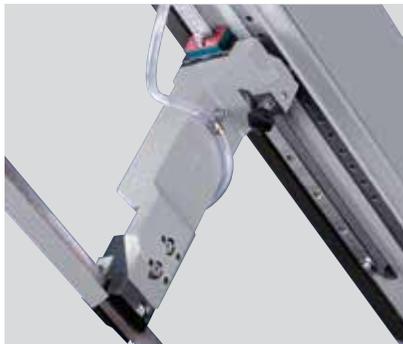
- Extremely versatile machine mitering in between -60° and +60°.

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.

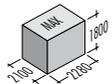
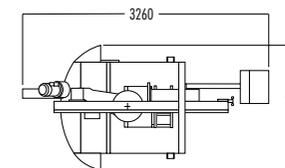
- CYCLE DOWN UP : Operating in semiautomatic cycle, the new function DOWN makes the head and blade motor stop once the cut is finished with the vice closed, by pressing the UP button the head raises back to its starting point and the vice opens.



OPTIONALS FROM PAG 27 - N° 01 - 02 - 03 - 07 - 11 - 12 - 31 - 53 - 54 - 55 - 59



mm	kW	m/min	mm	kg	Cutting Capacity			
					0°	H	L	Profile
4640x34x1,1	4,0	15÷100	515	1190	330	320	510x320	
					320	320	350x320	
					230	230	220x310	
					320	320	350x320	
					250	250	240x320	





- Low voltage control panel installed on an articulated arm.
- Latest generation hydraulic unit, with high efficiency and low energy consumption.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- 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.
- 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.



- Electronic inverter for infinite variable band saw blade speed (from 15 to 100m/min).
- Rotating table mounted on a 280mm roller bearing, pre-loaded with thrust bearing with a wide supporting surface for the max safety.
- The bar support with roller, on the left of the cutting table, slides on linear guide with ball recirculation, so that it can be easily moved to cut up to the max. angles without any disassembly.
- Hydraulic vice sliding sideways when the machine mitre left or right. Fast material approach device.
- Manually-operated blade tensioning through electronic transducer displayed on the console.
- Moveable band saw blade guide on a vertical arm sliding on balls bearing linear guides.



- Wire chip brush.
- Electric pump for the band lubrication and cooling.
- Coolant pistol to keep working surfaces clean.
- Coolant tank inside the steel base and chip drawer.
- Machine preset for being handled by lift truck.
- Bi-metal band saw blade for solids and profiles.
- Service keys and instructions manual for maintenance and spare parts list.

