



TIGER 372 SX EVO

TIGER 372 SX evo, semiautomatic vertical circular saw machine to cut ferrous material mitering from -45° to $+60^{\circ}$, using HSS blade.

- 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.

- CICLE 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: 16 characters read on two lines so as to visualize technological parameters such as: + band speed + number of cuts programmed and carried out + cutting time + amperometer + diagnostics and/or caution messages (more than 100) visualized.

- Record of alarms and events with the possibility to visualize the story of occurred events.

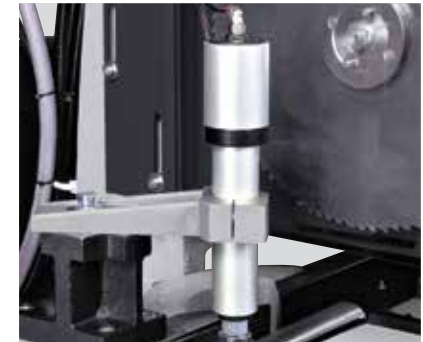




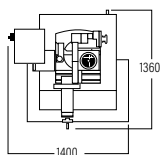
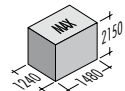
- Structure in grey cast iron G25, reducing drastically vibrations, grant a better stability and longer blade life.
- Vice and anti-burr device granting an adequate clamping of the material.
- Saw head equipped with double set of gears to have higher torque and better cutting performance.
- Two band 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).
- Saw head equipped with tripple set of gears to have higher torque and better cutting performance.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joystick according to dimension of the material.

- Rotating table on a center pin with axial bearing which allows higher precision on the cutting angle set.
- Angles scale engraved on the rotating table.
- Feeder vice with alarmed safety cover stopping all functions of the saw if opened.
- Pneumatic vice clamping with metal gib to adjust backlash.
- Pneumatic vertical vice.
- Wire chip brush for circular saw cleaning.
- Steel base with chip drawer and removable coolant tray.
- Electric pump for the blade lubrication and cooling.
- Anti-burr device with double locking system of the stock.
- HSS blade $\varnothing 350 \times 32 \times 2.5$ for solids or sections.

- Adjustable measuring stop device to make cuts of the same length displayed on a millimeter scale.
- Preset to be equipped with the spray mist system (OPTIONAL).
- Machine preset for being handled by forklift.
- Service keys and instructions manual for maintenance and spare parts list.



OPTIONALS FROM PAG 47 - N° 02 - 03 - 05 - 10 - 11 - 26 - 41 - 43 - 56 - 71



HSS	inverter		mm	mm	∅	∅	□	□	●	■	■	kg
	kW	rpm										
370x32x3	5,5	15÷150	190	0°	370	120	110	180x100	120	110	180x100	
				+ 45°	370	115	100	120x100	70	70	70x70	
				+ 60°	370	115	90	90x90	50	50	50x50	
				- 45°	370	115	100	120x100	70	70	70x70	600

