



# TIGER 352 SX EVO

TIGER 352 SX evo, semi-automatic vertical sawing machine to cut steels from 60° left to 45° right, with HSS blade.

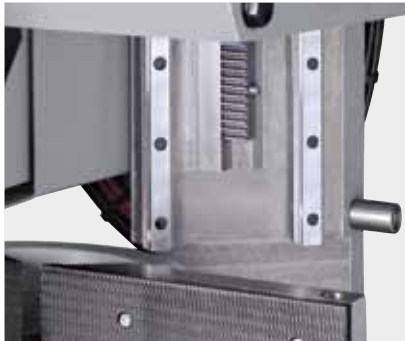
- Machine with controlled single axis microprocessor with the latest generation of controllers for semi-automatic sawing machines designed by MEP.

OPERATION: starting the cycle by means of the relative push-button, the following steps are carried out: - 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.

A FEW FEATURES:

- Panel with low tension controls: polyester membrane keypad with tactile thermo-shaped buttons which give out an acoustic signal when pressed.

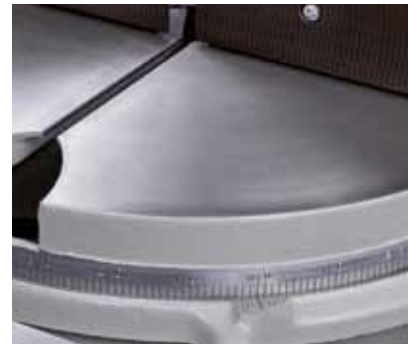




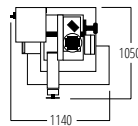
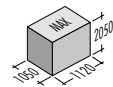
- Display: 16 characters read on two lines so as to visualize technological parameters such as: + number of cuts programmed and carried out + cutting time + amperometer + diagnostics and/or caution messages (more than 100) visualized.
- Registration of alarms and events with the possibility to visualize the story of occurred events.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Double set of gears to obtain a high performance.
- Four speeds blade rotation 15/30/45/90 rpm (OPTIONAL 30/60/90/180 rpm).

- Sawing head movement on double linear guides with preloaded slides with recirculating ballscrews.
- Coaxial cylinder with bypass valve for fast approach and linear transducer for head position reading.
- Rotating table on a center pin with axial bearing which allows higher precision on the cutting angle set.
- Pneumatic vertical vice.
- Steel base with chip drawer and removable coolant tray.
- Electric pump for the blade lubrication and cooling.

- Wire chip brush for band cleaning.
- HSS blade  $\varnothing$  350x32x2,5 for solids or sections.
- Adjustable rod to measure stop to make cuts of the same length with millimetric steel rod.
- Preset to be equipped with the spray mist system (OPTIONAL), as well as with the standard-delivered traditional lubrication with emulsible oil.
- Service keys and instructions manual for maintenance and spare parts list.



OPTIONALS FROM PAG 61 - N° 02 - 03 - 05 - 10 - 13 - 26 - 43 - 44 - 45 - 70



HSS	kW	rpm	mm	0°	∅	○	□	▭	∅	■	kg
					350	115	95	180x95	350	90	
mm				45°	350	110	95	125x95	350	64	
350x32x2,5	1,8/2,5	15/30/45/90	190	60°	350	90	90	90x90	350	45	
				45°	350	110	95	125x95	350	64	410

