



# TIGER

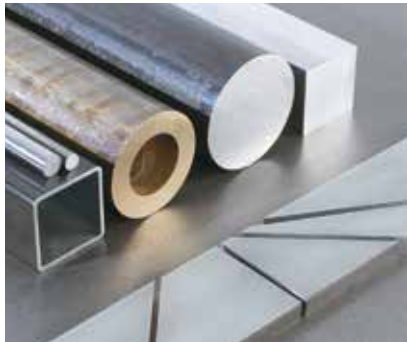
## 372 CNC LR 4.0













TIGER 372 CNC LR 4.0, automatic electromechanical vertical sawing machine with HSS blade which can operate also in semi-automatic mode, to cut steels from -45° to +60°.

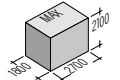
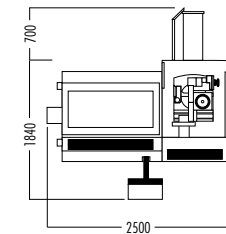
- CNC machine with a new controller: MEP 40. It has been specifically designed by MEP for the automation of its range of products, to obtain, on the same bar or on the material located on the loading magazine CB6001 (OPTIONAL), up to 300 cutting programs each of different lengths and quantities.
- CB 6001 for high production for round square and rectangular bars up to the maximum cutting dimensions indicated on the brochure. The CB6001 must be ordered together with the machine.



OPTIONALS FROM PAG 27 - N° 01 - 02 - 05 - 07 - 13 - 15 - 20 - 25 - 29 - 32 - 38 - 39 - 44 - 45 - 56 - 57 - 58 - 59 - 60



													
	mm	kW	rpm	mm	°	Ø	mm	mm	mm	mm	mm	kg	
	HSS	5,0	15÷150	190	+ 45°	370	115	100	120x100	70	70	70x70	1060
	350x32x3				+ 60°	370	110	90	90x90	50	50	50x50	
OPTIONAL					- 45°	370	115	100	120x100	70	70	70x70	

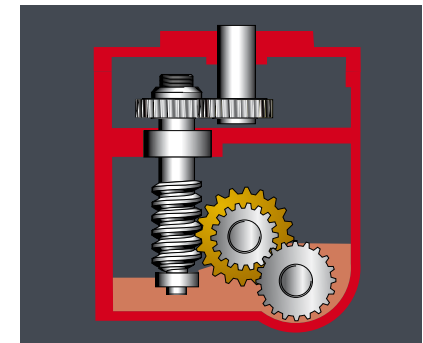


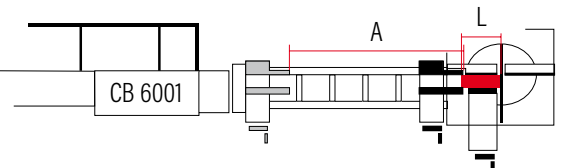




- Panel with low tension controls: polyester membrane keypad with tactile thermo-shaped buttons which give out an acoustic signal when pressed.
- 8" touch screen display operator interface and push buttons for all functions of the sawing machine. It is simple and intuitive with a self-learning feature it guarantees a reliable use and it controls all cutting parameters in real time.
- Upper and lower saw head limits and bar feeder forward/backward, are set through a joy-stick according to dimension of the material.
- Transmission system at 3 stages so as to guarantee high sturdiness, precision and to obtain high removal capacities.
- Designed for safety with "saw-in-a-box" style.
- Possibility to work with high quantity of cutting

- liquid (120 liters/min) to cool blade, to wash the working area continuously and to convey chips guaranteeing in this way longer blade life.
- Sawing head movement on double linear guides with preloaded slides with pre-loaded ball bearings.
- Saw head powered by servo motor, mounted on linear guides with pre-loaded ball bearings granting a continuous check and correction of cutting parameters in real time.
- Blade rotation with one speed motor with electronic speed variator so as to cut from 15 up to 150 rpm to obtain the best cutting efficiency.
- Wire chip brush for band cleaning.
- Rotation pin with preloaded thrust bearing to grant rotation precision and stability.
- Bar feeder has a length of 1000 mm and consists in a system given by screw/nut with pre-loaded

- ball bearings with stepper motor and vice with sideways movement so as to feed in also deformed bars.
- Pneumatic locking vice with adjustable steel gib.
- Pneumatic vertical vice.
- Special vice to reduce restpiece.
- Steel base with drawer to collect chips which can be replaced with a motorized chip evacuator (see optionals).
- Machine preset for being handled by lift truck.
- Circular blade  $\varnothing$  370 mm.
- Service keys and instructions manual for maintenance and spare parts list.



	A	L
	feeder stroke MAX mm	restpiece MAX mm
TIGER 372 CNC LR 4.0	1000	170
TIGER 372 CNC LR 4.0 + CB 6001	1000	180
TIGER 372 CNC LR 4.0 (RB + 45°- 0°- 45°  )	900	270
TIGER 372 CNC LR 4.0 (RB + 45°- 0°- 45°  ) + CB 6001	900	280

