



# TIGER

## 372 CNC LR 4.0 RC

TIGER 372 CNC LR 4.0 RC, ferrous circular saw with HSS blade for any kind of steel, with programmable head mitring trough MEP40 CNC controller.

- Automatic vertical circular saw powered by brushless motor mitring from -45° to +45° (see picture A) and up to +60° in semiautomatic mode.

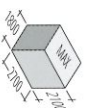
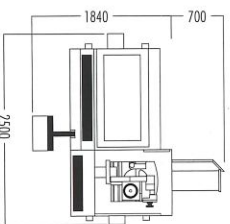
This machine can be equipped with the bar loader CB6001 (OPTIONAL) for rounds, square and rectangle materials according to technical specifications. It can also be retrofitted.



OPTIONALS FROM PAG 25 - N° 01 - 02 - 05 - 07 - 08 - 13 - 15 - 20 - 29 - 32 - 38 - 39 - 45



mm	kW	rpm	mm	°	∅									kg
HSS 370x32x3	4.0	15÷150	190	0° +45° +60° -45°	370 370 370 370	120 115 110 90	110 100 90 100	180x100 120x100 90x90 120x100	120 70 50 70	110 70 50 70	180x100 70x70 50x50 70x70			1060



**A FEW FEATURES:**

- 8" touch screen controller with self learning programming.
- Saw head mitering with high precision positioning (max 1° of degree) powered by a brushless motor and pneumatic locking of saw head once positioned.
- Self-checking of all cutting parameters in real time.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Transmission system at 3 stages so as to guarantee high sturdiness, precision and to obtain high removal capacities.
- Model with complete covering so as to reach 3 fundamental aims:
  - + operator's safety (during working cycles, access to cutting area is hindered by a timed opening system).
  - + Sound-proofness.
  - + 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 recirculating ballscrews.

- Head down stroke by means of electromechanical cylinder to obtain the maximum cutting rigidity and the automatic comparison of the data set/obtained and to correct 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 recirculating ballscrews 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.
- Steel base with drawer to collect chips which can be replaced with a motorized chip evacuator (see optionals).
- Circular blade  $\varnothing$  350 mm.
- Service keys and instructions manual for maintenance and spare parts list.

