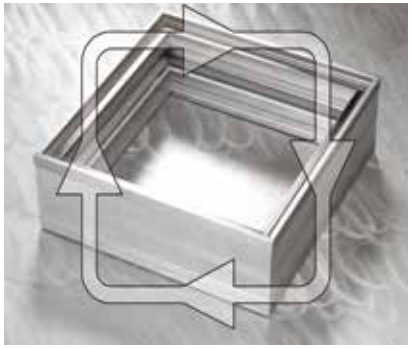
TIGER
372 CNC LR 4.0 RC

TIGER 372 CNC LR 4.0 RC, ferrous circular saw with HSS blade for any kind of steel, with programmable head mitering trough MEP40 CNC controller.
- Automatic vertical circular saw powered by brushless motor mitering 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 27 - N° 01 - 02 - 05 - 07 - 08 - 20 - 25 - 29 - 38 - 45 - 58 - 59 - 60

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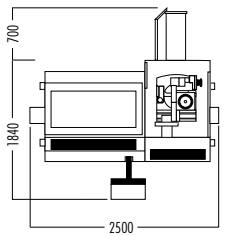
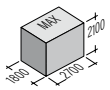
				0°	370	120	95	180x95	120	95	180x95	
mm	kW	rpm	mm	+ 45°	370	115	100	120x100	70	70	70x70	kg
HSS 370x32x3	5,5	15÷150	190	+ 60°	370	110	90	90x90	50	50	50x50	1060
				- 45°	370	115	100	120x100	70	70	70x70	





- 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.
- Saw head mitering with high precision positioning (max1' of degree) powered by a brushless motor and pneumatic locking of saw head once positioned.
- 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.
- 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.
- 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.
- 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 Ø 370 mm.
- Service keys and instructions manual for maintenance and spare parts list.

Fig. A