



TIGER

402 CNC HR 4.0 RC

TIGER 402 CNC HR 4.0 RC, non-ferrous circular saw with TCT blade for aluminium and alloys, with programmable head mitering trough MEP CNC 40 controller.

- Automatic vertical circular saw powered by brushless motor mitering from -45° to $+45^\circ$ (see picture A) and up to $+60^\circ$ 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.

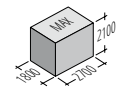
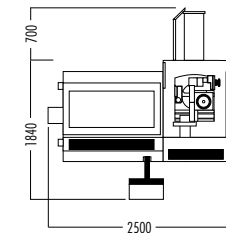
- TIGER 402 CNC HR 4.0 is completely covered to give safety to the operator (during working cycles, access to cutting area is hindered by a timed opening system) and for sound insulation.



OPTIONALS FROM PAG 25 - N° 01 - 02 - 06 - 07 - 08 - 14 - 16 - 20 - 27 - 30 - 35 - 38 - 39 - 45



								
mm	kW	rpm	mm		Ø			kg
HM 400x32	3,3/4,4	1400/2800	185	0°	400	130	120	180x100
				$+45^\circ$	400	115	100	120x100
				$+60^\circ$	400	115	90	90x90
				-45°	400	115	100	120x100





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.
- Sawing head movement on double linear guide with preloaded slides with recirculating ballscrews.
- The headstroke, according to the dimensions of the material which has to be cut, is set directly from the control panel.
- Head down stroke by means of electromechanical

cylinder to obtain the maximum cutting rigidity.

- Shearing stress control.
- Transmission system with serrated pulleys and belts.
- Blade rotation with 2-speed motor at 1400/2800 rpm.
- Automatic device to lubricate the blade only when the machine is cutting.
- Rotation pin with 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.
- Machine base with chip tray and equipped to connect chip collector (optional).

- Pneumatic double locking vice.
- Pneumatic vertical vice.
- Indicator with flashing light in case cycle is stopped.
- Machine arranged for handling with movement equipment.
- Circular blade \varnothing 400 mm.
- Service keys and instructions manual for maintenance and spare parts list.



	A	L
	feeder stroke MAX mm	restpiece MAX mm
TIGER 402 CNC HR 4.0	1000	260
TIGER 402 CNC HR 4.0 + CB 6001	900	275
TIGER 402 CNC HR 4.0 (RB + 45° - 0° - 45°)	1000	260
TIGER 402 CNC HR 4.0 (RB + 45° - 0° - 45°) + CB 6001	900	275

