



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.

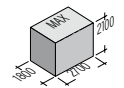
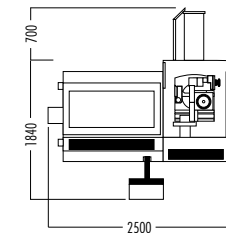
- Automatic vertical circular saw powered by brushless motor mitering from -45° to $+45^\circ$ (see picture A) and up to $+60^\circ$ in semiautomatic mode. This machine can be equipped with the bar loader CB6001 (OPTIONAL) for rounds, square and rectangle materials according to technical specifications. It can also be retrofitted.
- Designed for safety with "saw-in-a-box" style.



OPTIONALS FROM PAG 27 - N° 01 - 02 - 06 - 07 - 08 - 20 - 25 - 27 - 30 - 38 - 45 - 58 - 59 - 60



									
mm	kW	rpm	mm					kg	
HM 400x32	3,3/4,4	1400/2800	185	0°	400	130	120	180x100	1060
				+ 45°	400	115	100	120x100	
				+ 60°	400	115	90	90x90	
				- 45°	400	115	100	120x100	





- 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 (max 1' 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.
- Sawing head movement on double linear guide with preloaded slides with pre-loaded ball bearings.

- Head down stroke by means of electromechanical cylinder to obtain the maximum cutting rigidity.
- 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.
- Transmission system by 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 pre-loaded ball bearings 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 preset for being handled by lift truck.
- Circular blade Ø 400 mm.
- Service keys and instructions manual for maintenance and spare parts list.



	A	L
CB 6001	feeder stroke	restpiece
	MAX mm	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

