



TIGER

402 CNC HR 4.0











TIGER 402 CNC HR 4.0, automatic electro-pneumatic vertical sawing machine to cut aluminium and light alloys from -45° to +60°.

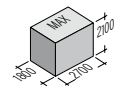
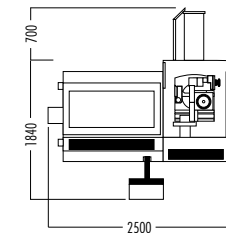
- CNC machine with a new controller: MEP 40. It has been specifically designed by MEP for the automation of its range of products, to obtain, on the same bar or on the material located on the loading magazine CB6001 (OPTIONAL), up to 300 cutting programs each of different lengths and quantities.
- CB 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.
- Designed for safety with "saw-in-a-box" style.



OPTIONALS FROM PAG 27 - N° 01 - 02 - 06 - 07 - 08 - 14 - 16 - 20 - 25 - 27 - 30 - 35 - 38 - 39 - 45 - 56 - 57 - 58 - 59 - 60



									
mm	kW	rpm	mm		Ø				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	



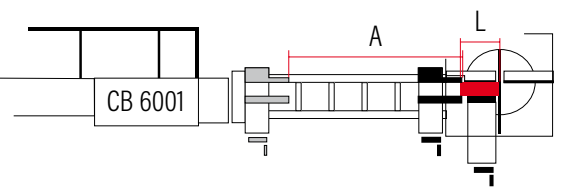


- 8" touchscreen display operator interface and push buttons for all functions of the sawing machine. It is simple and intuitive with a self-learning feature, it guarantees a reliable use and it controls all cutting parameters in real time.
- Panel with low tension controls: polyester membrane keypad with tactile thermo-shaped buttons which give out an acoustic signal when pressed.
- 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 pneumatic cylinder with coaxial hydraulic brake to obtain the maximum cutting rigidity.

- Saw head powered by pneumatic cylinder, 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 recirculating ballscrews with stepper motor and vice with sideways movement so as to feed in also deformed bars.
- Chip conveyor predisposed to mount optional chip collector.

- Pneumatic double locking vice.
- Pneumatic vertical vice.
- Indicator with flashing light in case cycle is stopped.
- Machine arranged for handling with movement equipment.
- 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
	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

