AL 500 ANC

Automatic circular saw designed for cutting profiles and full materials from aluminium alloys, copper, and hard plastics for perpendicular cuts.
The saw is equipped with fixed and movable feeding vices with precise positioning provided with a ball screw.
The blade downfeed is controlled pneumatic-hydraulically.
The length of individual feeding is 500 mm.
The feeding length and the circular blade cutting height are set from the main control panel located on the front side of the machine.
Cutting speed is controlled by an overflow valve.
The saw may be simply connected to an extraction device for simple and safe extraction of cutting remains.
By adding conveyors and material containers to the saw a completely automated and highly-performance cutting centre may be formed.



Robust feeding vice for precise material feeding



Safety cover

Simple operation from the control panel located on the front side of the machine



Input pressure indicator and regulation with a filter

Simple anchoring of the machine

Easy forklift handling
(if basic rules for moving machines are observed)

BOMAR

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The saw may be simply connected to an extraction device. The machine is equipped with oil lubrication (Mikronizer). By adding conveyors and material containers to the saw a completely automated cutting centre for nonferrous metals may be formed.

Price list

Cutting parameters

0°	170	325×110	130×305	130	-	-	300×120

Technical data

Working mode	automatic
Mitre cuts range	0°
Drive	4 kW, 3×400 V/50 Hz
Air pressure	0,4 - 0,6 bar
Saw blade speed	50 m/sec.
Saw blade size	500 mm
Max. weight of fed material	150 kg
Single material feed	550 mm

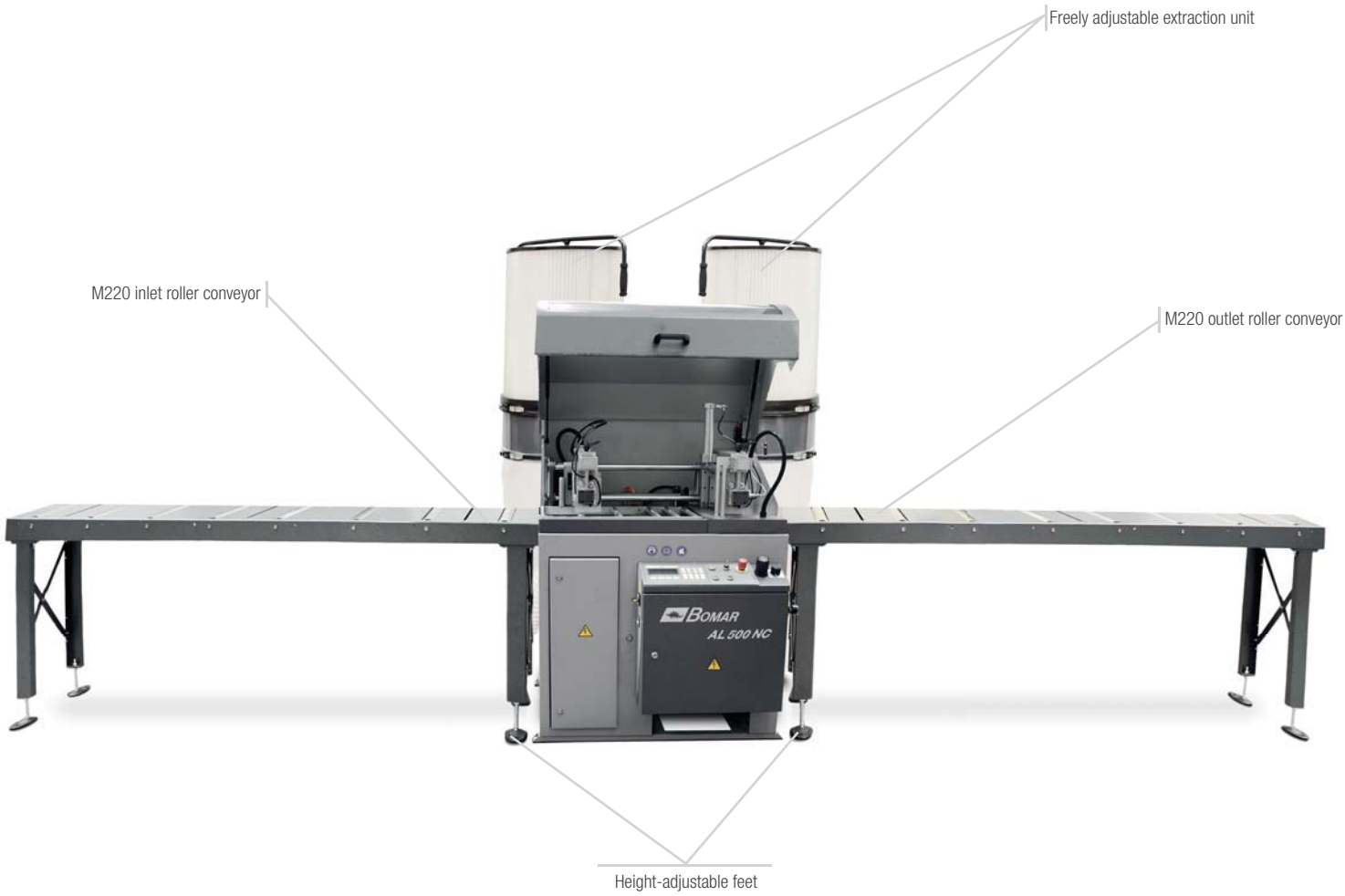
Machine dimensions

Length	960 mm
Width	1 794 mm
Height	1 571 mm
Weight	550 kg

* all the prices are excluding VAT

AL 500 ANC

With a wide range of accessories and connection pieces to BOMAR bandsaws, the "M" System is an ideal partner for handling material in your workshop. Thanks to their default length, roller tracks may be flexibly adjusted to any environment.



Sample assembly

Ord.Num.	Description	Marking	EUR/Pcs
254.002	Connecting part M230 right	MA-2	
254.003	Connecting part M230 left	MA-3	
254.009	CNC controlled material stop	MNCA	

Innovative accessories

The AL 500 ANC circular saw is supplied with unrivalled equipment. With intelligent optional equipment and accessories, the machine may be adapted precisely to individual requirements.

…for more information see page 110



Extraction set

The set is connected directly to the circular blade. Remaining material is efficiently extracted to a collection container.
The extraction set is located in the machine base



Side covers

Providing protection against dust and remains of processed material. Simple installation and immediate effect



Extraction device

Mobile, flexible extraction system with filter cylinders and a section for waste material collection

For further information on the machine and its possible extension, please contact our sales department.

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