



# *Aluminium*

Semiautomatic circular saws

# Aluminum

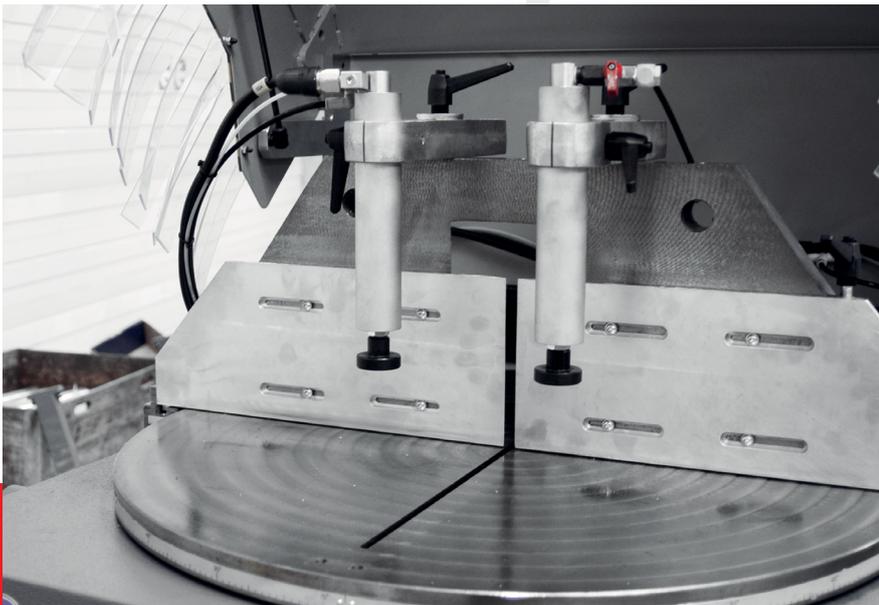
A semiautomatic circular saw designed for cutting profile as well as full materials from aluminium alloys, copper and hard plastics. The machine is equipped with vertical pneumatic clamping devices for safe clamping of the processed material.

For safety reasons, the left clamping device is equipped with a return valve to deal with possible drops in air pressure. The machine may also be equipped with horizontal clamping devices. The circular blade downfeed is controlled pneumatic-hydraulically. The cutting speed is regulated with an over ow valve located on the main control panel. The machine is equipped with a rotary table which turns synchronously with the circular blade, allowing the material to be cut both-sided within the 60° range left and from 0° to 60° range right. Manual turning of the table with the circular blade may be done easily directly from the operator's post.

The front part of the table holds an easy-to-read control angular scale. The circular blade cutting height is set from the main control panel. The table board is equipped with rear adjustable support jaws.

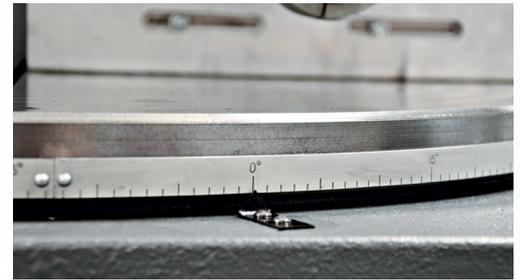
The saw may be easily connected to an exhaust device. The machine is equipped with mist greasing. In connection with the feeding system, the saw may be extended to a fully automatic device.

## Fast and precise



Rotating table with vertical clamping devices

Well readable angular scale



Input pressure indicator and regulation



Well-dimensioned control panel

### Accessories / Conveyors

The Aluminium circular saws are supplied with unrivalled equipment. With intelligent optional equipment and accessories, the machines may be adapted precisely to individual requirements.

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

AL 600 circular saw  
Conveyors M330 with steel rollers - right  
Conveyors M330 with steel rollers - left  
Extraction device



#### Aluminum 400 / Technical parameters

#### Aluminum 500 / Technical parameters

#### Aluminum 600 / Technical parameters

					
<b>Left</b>	60°	96	100 x 55	45 x 125	85
	0° (jaws in front)	120	220 x 25	90 x 125	110
	0° (jaws in back)	90	285 x 70	285 x 70	70
<b>Right</b>	45°	120	150 x 40	65 x 125	100
<b>Right</b>	60°	96	100 x 55	45 x 125	85
<b>Working mode</b>	semiautomatic				
<b>Saw blade speed</b>	50 m/sec				
<b>Saw blade dimensions</b>	ø 400 x ø 30 x 3,6 mm				
<b>Drive</b>	3 kW, 3 x 400 V, 50 Hz				
<b>Machine dimensions</b>	Length - 1 000 mm / Width - 2 200 mm Height - 1 450 - 1 850 mm / Weight - 190 kg				

					
<b>Left</b>	60°	120	120 x 70	55 x 170	85
	0° (jaws in front)	170	265 x 25	90 x 175	110
	0° (jaws in back)	150	295 x 70	375 x 95	70
<b>Right</b>	45°	155	280 x 50	80 x 170	100
<b>Right</b>	60°	120	120 x 70	55 x 170	85
<b>Working mode</b>	semiautomatic				
<b>Saw blade speed</b>	50 m/sec				
<b>Saw blade dimensions</b>	ø 500 x ø 30 x 4,1 mm				
<b>Drive</b>	4 kW, 3 x 400 V, 50 Hz				
<b>Machine dimensions</b>	Length - 1 100 mm / Width - 2 350 mm Height - 1 560 - 2 000 mm / Weight - 500 kg				

					
<b>Left</b>	60°	145	155 x 50	40 x 225	125
	0° (jaws in front)	205	310 x 50	110 x 210	175
	0° (jaws in back)	170	500 x 50	125 x 445	125
<b>Right</b>	45°	180	215 x 50	50 x 225	155
<b>Right</b>	60°	145	155 x 70	40 x 225	125
<b>Working mode</b>	semiautomatic				
<b>Saw blade speed</b>	50 m/sec				
<b>Saw blade dimensions</b>	ø 600 x ø 30 x 4,6 mm				
<b>Drive</b>	5,5 kW, 3 x 400 V, 50 Hz				
<b>Machine dimensions</b>	Length - 1 160 mm / Width - 2 500 mm Height - 1 630 - 2 140 mm / Weight - 620 kg				



## **BOMAR, spol. s r.o.**

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