

Fast and reliable sawing

Band sawing machines

620 x 410 mm
or 1,020 x 410 mm



KALTENBACH

POWERFUL SOLUTIONS - PASSIONATE PEOPLE

 www.kaltenbach.com

Highest cutting performance and best cutting results. Designed for a high level of automation and low maintenance requirements. The robust and low-vibration twin-column construction ensures a long machinery life. Choose KALTENBACH band sawing machines and achieve excellent quality!

- ▶ SUSTAINABLE SOLUTIONS
- ▶ LOW COST OF OWNERSHIP
- ▶ EXCEPTIONAL RELIABILITY AND MAXIMUM UPTIME



KALTENBACH
PROMISES

BENEFITS AT A GLANCE

- ▶ High level of production flexibility
- ▶ High cutting performance
- ▶ Robust construction
- ▶ Economical design
- ▶ Precise setting of cutting angle
- ▶ Small footprint and low energy consumption
- ▶ Fast change of the saw band for low idle times
- ▶ Cutting pressure and slippage control
- ▶ Long blade life

SOFTWARE FOR PROFESSIONALS

Powerful and user-friendly software packages

Machine software

Tailored to the unique features of the machine

In-house development

KALTENBACH develops its own steel fabrication software

Seamless compatibility

Hardware and software from one single source



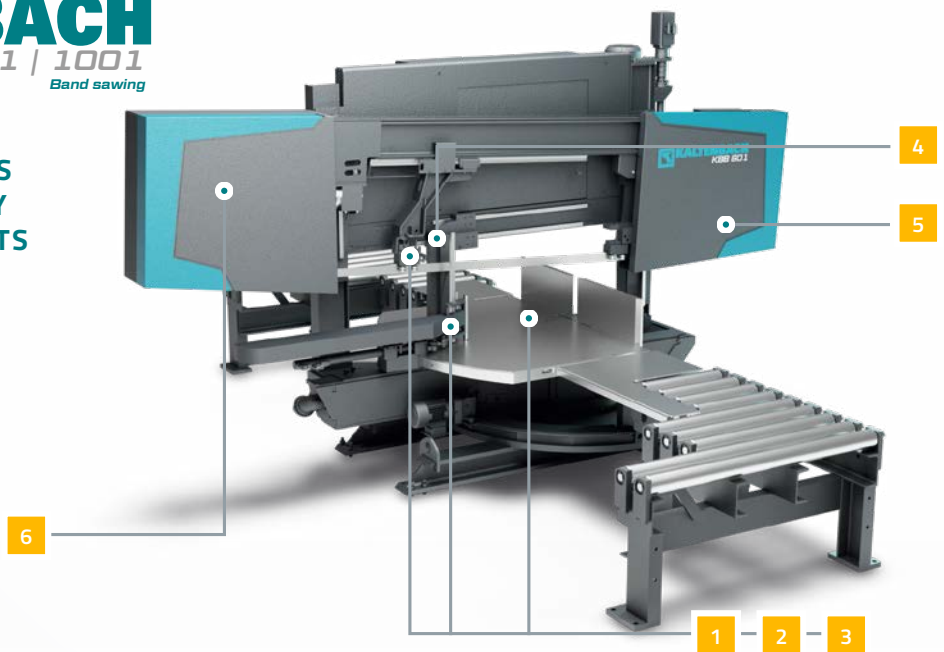
Precise processing, high-quality end products, best cutting quality, very reliable system, maximum uptime.



High performance band sawing machines for the production of first class, sustainable steel products.

High-end cutting techniques

- OPTIMAL SAWING RESULTS
- INCREASED PRODUCTIVITY
- NOTICABLE REDUCED COSTS



FEATURES



Electronic feed control by ball screw spindle

- Powerful feed
- Electronic feed control with monitoring
- Fast and easy feed adjustment even during runtime



Increased uptime

- Automatic switching from rapid feed approach to pre-set feed rate
- Low idle times and higher machine utilization



Precise setting

- NC-controlled angle setting
- High quality cuts
- NC-standard enables highest reliability



Powerful and reliable clamping

- Horizontal and vertical clamping device
- Low vibrations for long saw band lifetime and low operating costs
- Cutting of material layers and bundles possible



Long lifetime

- Minimum quantity lubrication
- Longer saw band lifetime
- No lubrications rest on the material



Automatic electronic cutting pressure control

- Automatic feed control based on band pressure detection
- Extended saw band life time based on material and band status

HARD FACTS

H T L U - O □

		KBB 601	KBB 1001
Working range max / min	mm	620 x 410 / 50x10	1,020 x 410 / 50 x 10
Drive power	kW	7	
Cutting speed	m/min	0 - 120	
Saw band feed	mm/min	0 - 300	
Rapid feed and return	mm/min	5,000	
Saw band material		Bimetal	
Saw band dimensions (L x W x H)	m/min	41 x 1.3 x 7,620	
Machine weight	kg	2,300	2,450
Machine dimensions (L x W x H)	mm	3,560 x 1,450 x 2,150	3,850 x 1,450 x 2,150



Saw drill combination

Possibility to combine with a drilling machine, resulting in a complete high performance processing system.



Efficient material handling

Available with material infeed gripper system. Heavy feed gripper with horizontal hydraulic clamping device.

HOME AT YOUR INDUSTRY

- > Automotive
- > Bridge Building
- > Machine Construction
- > Ship Building
- > Steel Fabrication
- > Steel Service Center
- > Transmission Towers

The KBB series is specially designed for light and heavy steel fabrication and service centers.


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