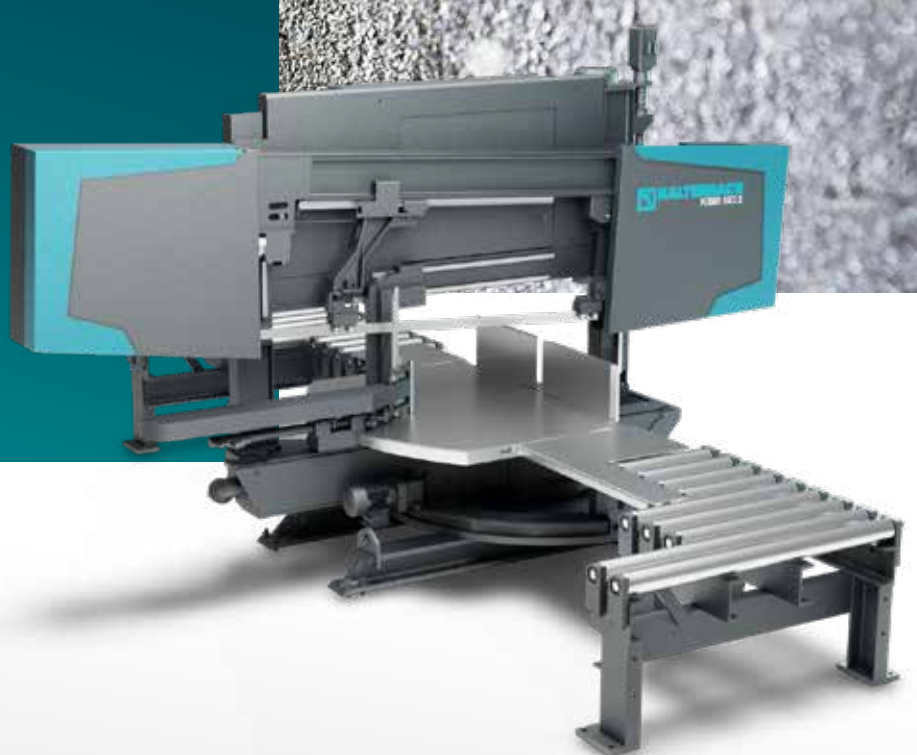


# Fast and reliable sawing

Band sawing machines

620 x 410 mm  
or 1,020 x 410 mm



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!

EXCEPTIONAL RELIABILITY  
AND MAXIMUM UPTIME

MOST ENVIRONMENTALLY  
FRIENDLY SOLUTIONS

LOWEST COST OF OWNERSHIP



**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



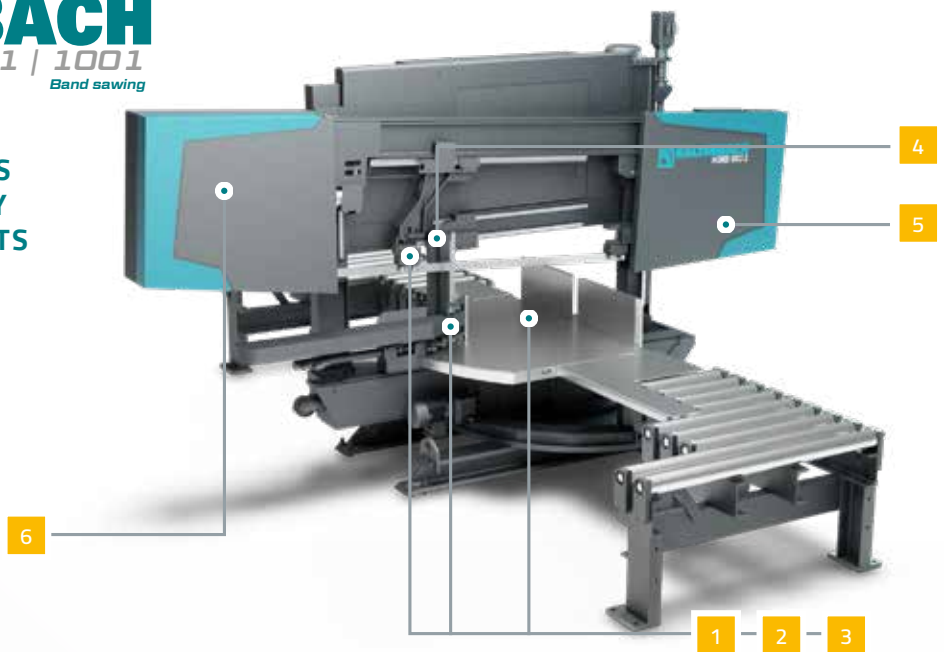
Precise processing, high-quality end products, best cutting quality, very reliable system, maximum uptime.



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.



# KALTENBACH

**KALTENBACH GmbH + Co. KG**  
 Blasiring 4  
 D-79539 Lörrach  
 Germany

Tel: +49 7621 175 0  
 E-Mail: [info@kaltenbach.com](mailto:info@kaltenbach.com)

[www.kaltenbach.com](http://www.kaltenbach.com)