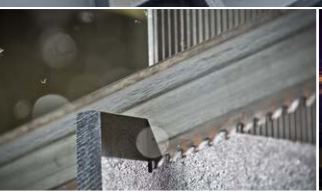
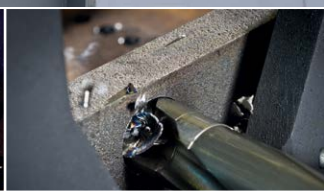
High-Performance Steel Processing Systems

Sawing, Drilling, Milling, Marking, Plasma Cutting, and Coping of Steel Beams and Plates





KALTENBACH

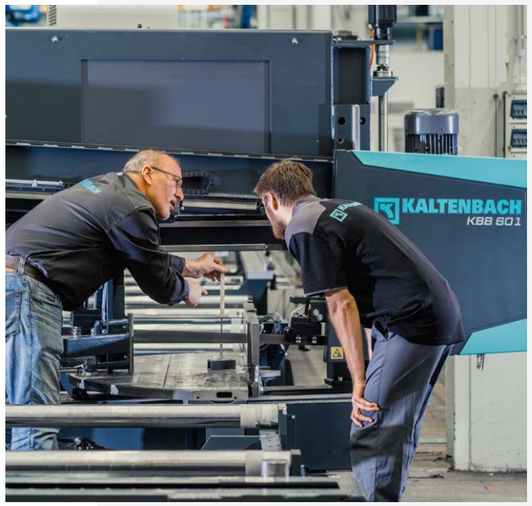
POWERFUL SOLUTIONS - PASSIONATE PEOPLE

www.kaltenbach.com

POWERFUL SOLUTIONS - PASSIONATE PEOPLE
So You Can Shape the Future Today.

TOGETHER, WE DRIVE INNOVATION FORWARD

With high-performance machines, smart software solutions and a dedicated team, we help you increase productivity, reduce costs and achieve sustainable production. For a future in which steel is not only strong but also produced responsibly.

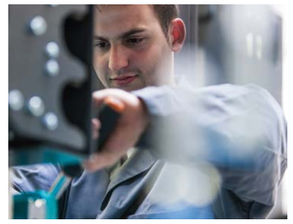


Working with Steel Means Shaping the Future

Steel is the foundation of our modern world—and at the same time the material that paves the way to a sustainable future. Those who process steel today are shaping the buildings, infrastructure and products of tomorrow. This requires powerful systems that combine top quality, efficiency and long-term future-proofing.

With more than 135 years of experience in steel processing, Kaltenbach offers powerful and reliable solutions that set new standards. Our goal is clear: We enable you to process steel more efficiently, sustainably and economically than ever before.

As a technological pioneer, we develop systems that are not only robust and durable, but also stand out through intelligent automation, low energy consumption and reduced wear. From sawing and drilling to advanced plate and coping technologies—our solutions create measurable added value in every process step.



EXCEPTIONAL RELIABILITY AND MAXIMUM UPTIME

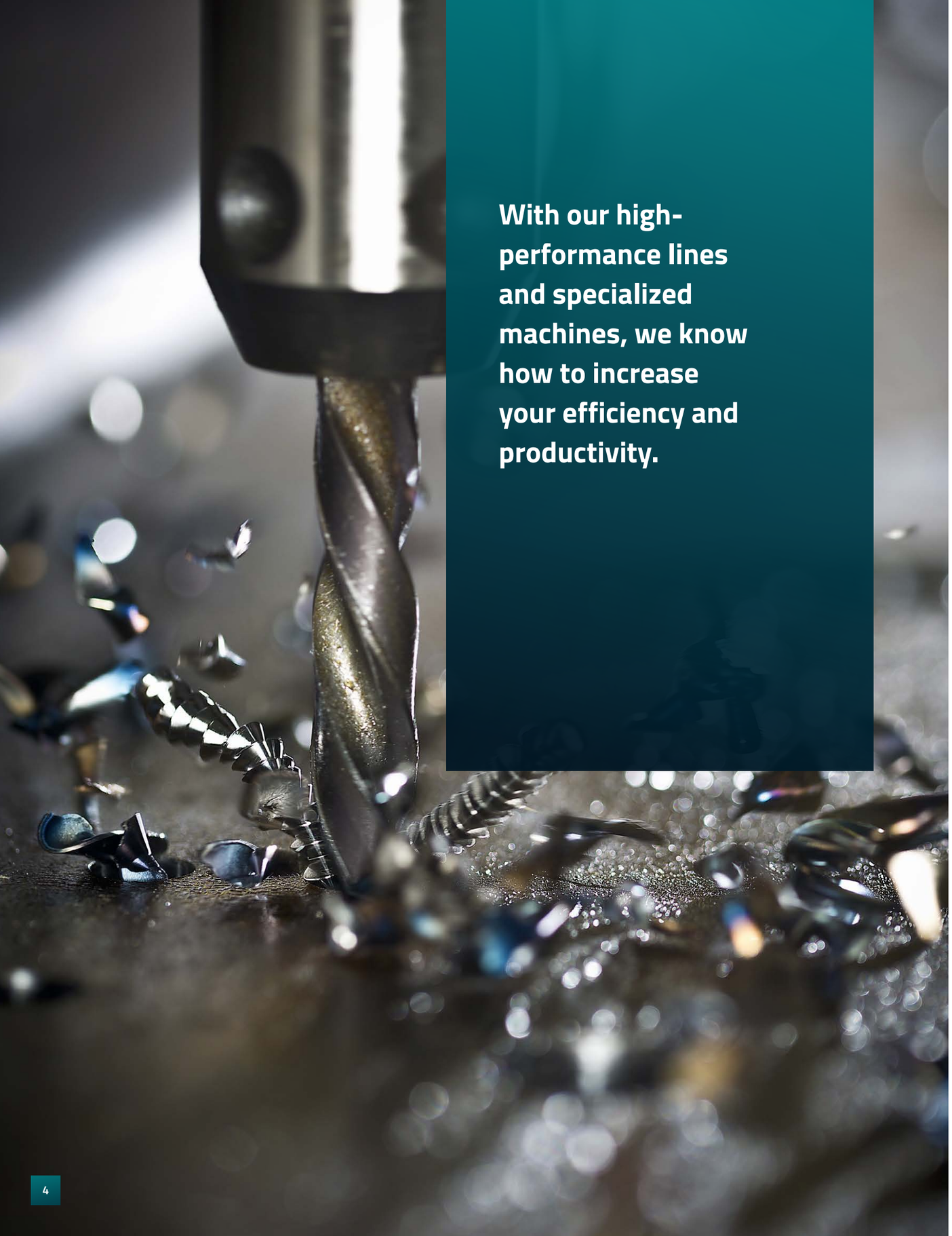
Our systems are characterized by an outstanding and industry leading durability. The robust and reliable design allows extraordinary operating times, even with the most intensive loads.

SUSTAINABLE SOLUTIONS

Our systems are designed to be robust, energy-friendly and require little maintenance. This enables a long service life with minimal wear and tear.

LOW OPERATING COSTS

Thanks to our efficient machines, your products will be produced with low and optimized energy consumption, minimal use of consumables, and reduced maintenance costs. The result: high-quality steel products made for your low cost of ownership.



With our high-performance lines and specialized machines, we know how to increase your efficiency and productivity.

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BAND SAWS

From simple straight or miter cuts to multiple nested saw cuts

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DRILLING MACHINES

High-performance drilling machines for efficient drilling and precise milling of coping, bevels, and slotted holes

KDS 615 8

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SAW-DRILL LINES

From compact, reliable entry-level models to high-performance systems—our lines offer the right solution for every steel processor

S-LINE 11

M-LINE 11

P-LINE 11

COPING

High-speed plasma cutting of assembly-ready parts for any required joint—both welded and bolted

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PLATE PROCESSING

Oxy-fuel and plasma cutting combined with high-performance drilling and milling axes

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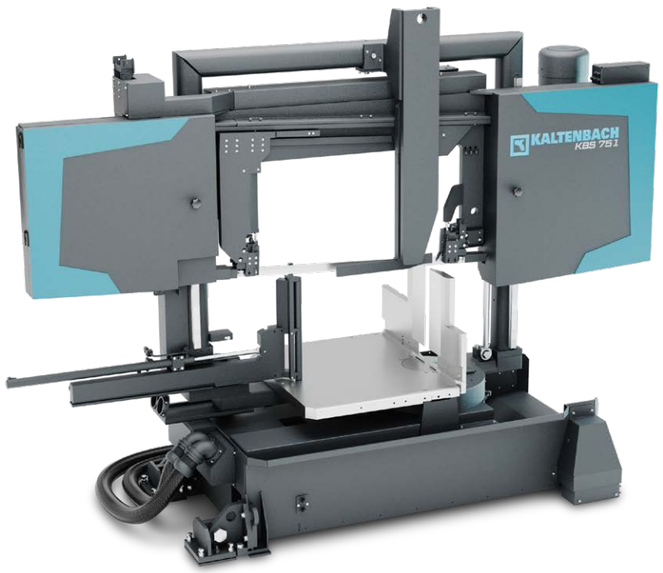
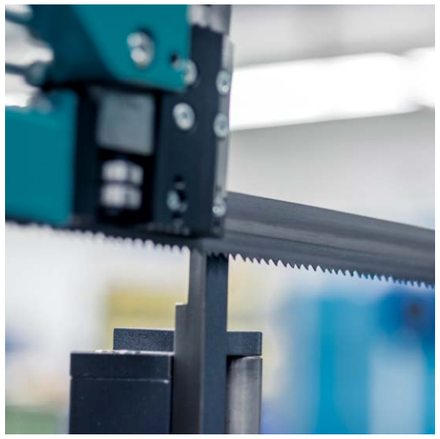
KALTENBACH
KBS 751
Band sawing

BAND SAW WITH MITER UNIT (+60°/-45°) FOR PROFESSIONAL USERS IN THE LOWER CAPACITY SEGMENT



For steel fabricators and steel distributors looking to take their first steps into automated sawing technology. Compact, reliable, and designed for daily operation—perfect for steel processors seeking efficiency without complexity.

Working range: 750 x 500 mm
30 x 20”

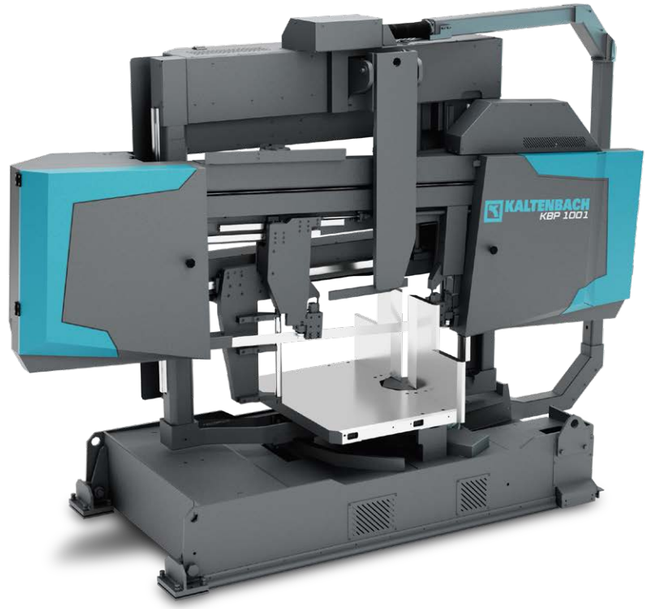


BENEFITS AT A GLANCE

- Suitable for 41 mm / 1.61” saw bands
- High cutting performance thanks to a 5.5 kW / 7.38 HP saw motor
- Proven hydraulic saw feed
- Precise NC angle adjustment
- Robust and safe material clamping system (vertical and horizontal)
- AIG option: automatic infeed system for layers and bundles
- Short Piece Gripper option

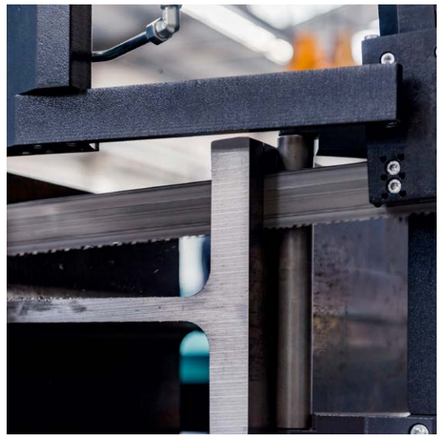
KALTENBACH
KBP 761 | 1001 | 1301
Band sawing

BAND SAW WITH MITER UNIT (+60°/-50°) FOR PERFORMANCE-DRIVEN OPERATIONS WITH HIGH THROUGHPUT



With maximum speed, precision, and automation capability, this band saw is the first choice for companies where output, availability, and accuracy are top priorities. Thanks to the special AFC and CCT technology, you can increase your cutting performance by up to 50%.

Working range: 750 x 500 / 1,030 x 500 / 1,330 x 600 mm
30 x 20 / 40 x 20 / 52 x 23“

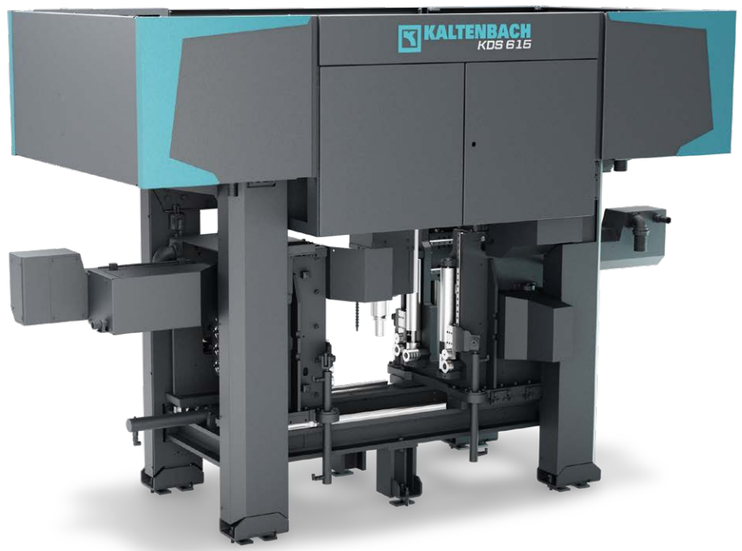


BENEFITS AT A GLANCE

- Suitable for 54 mm or 67 mm / 2.13” or 2.64” saw bands
- Compatible with carbide-tipped saw bands
- Optional CCT: Clear Cut Technology—the innovative table lift function that effectively prevents the saw blade from jamming
- Unique sorting solutions (optional with AS—Autosorter):
  - Compact and high-performance auto sorters for precise clamping, automatic sorting, and efficient discharge of offcuts and finished parts
  - Up to 6 push-off positions, also possible behind the datum line
  - Fully automated system for maximum productivity
- Optionally equipped with innovative AFC—Auto Feed Control:
  - Automatic adjustment of the saw band inclination
  - Increased cutting performance of up to 50%

KALTENBACH
KDS 615
Drilling

DRILLING MACHINE WITH 5-POSITION TOOL CHANGER FOR PROFESSIONAL USERS IN THE LOWER CAPACITY SEGMENT



This drilling machine is the ideal solution for companies looking to take their first steps into automated drilling technology. Compact, reliable, and designed for daily operation—perfect for steel processors seeking efficiency without complexity.

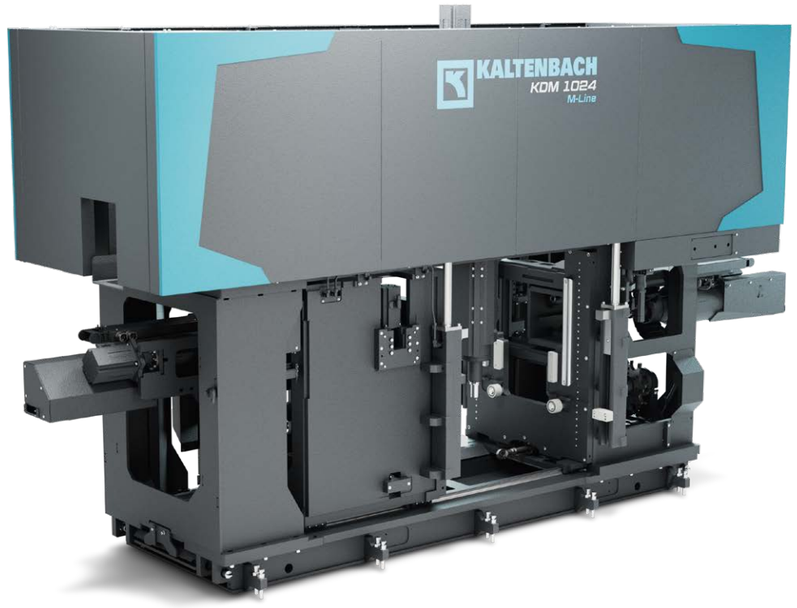
Working range: 410 x 600 mm
16 x 23″

BENEFITS AT A GLANCE

- Equipped with essential milling functions—ideal for standard applications
- Precise drilling up to Ø 32 mm / 1 1/4″
- 5-position automatic tool changer per axis
- Three direct-driven processing units
- Suitable for carbide tools

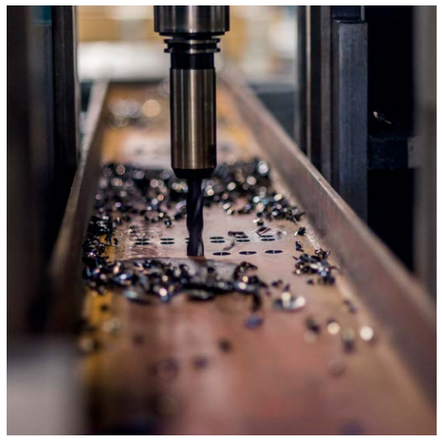
KALTENBACH
KDM 624 | 1024
Drilling

DRILLING MACHINE WITH 8-POSITION TOOL CHANGER FOR PROFESSIONAL USERS IN THE MID AND HIGHER CAPACITY SEGMENTS



The reliable core of your production combines performance with versatility. Ideal for established and growing steel fabrication companies and distributors that require higher output, more functionality, and seamless integration into their workflows.

Working range: 750 x 500 / 1,120 x 500 mm
30 x 20 / 44 x 20″

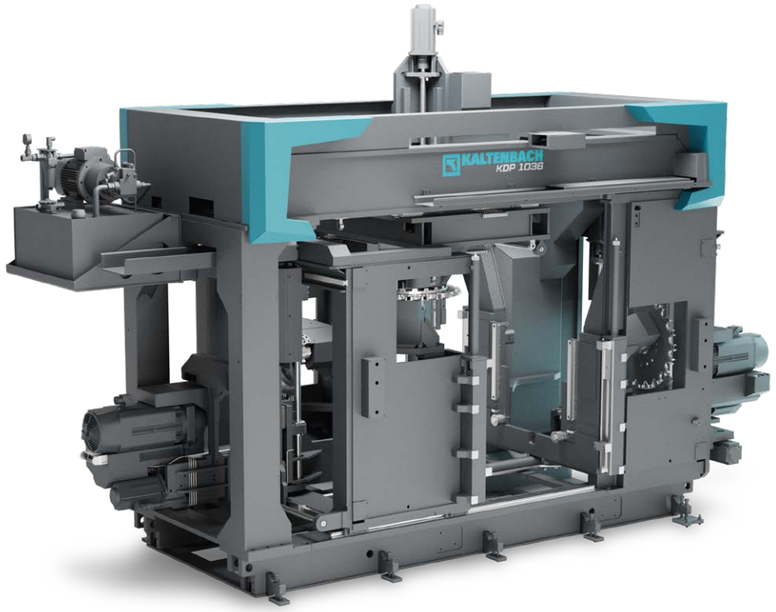


BENEFITS AT A GLANCE

- Versatile machining with a high degree of automation: drilling, milling, and marking on up to four sides
- Precise drilling up to Ø 40 mm / 1.6″
- Movable additional axis with 300 mm / 12″ travel on three sides, independent
- Independent, simultaneous machining with three axes
- Milling of complex contours using carbide tools
- 8-position automatic tool changer per axis

KALTENBACH
KDP 1036 | 1336
Drilling

DRILLING MACHINE WITH 12-POSITION TOOL CHANGER FOR PERFORMANCE-DRIVEN OPERATIONS WITH HIGH THROUGHPUT



With maximum speed, precision, and automation capability, this drilling machine is the first choice for companies where output, availability, and accuracy are top priorities. The top-tier solution for the highest demands.

Working range: 1,000 x 600 / 1,300 x 600 mm
39 x 23 / 51 x 23″

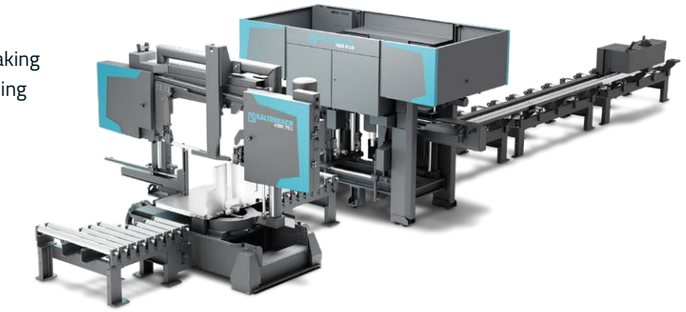
BENEFITS AT A GLANCE

- Versatile machining with a high degree of automation: drilling, milling, and marking on up to four sides
- Precise drilling up to Ø 50 mm / 2″
- Movable additional axis with 500 mm / 20″, travel on three sides, independent
- Independent, simultaneous machining with three axes
- 12-position automatic tool changer per axis
- Milling of complex contours using carbide tools

Saw-Drill Lines

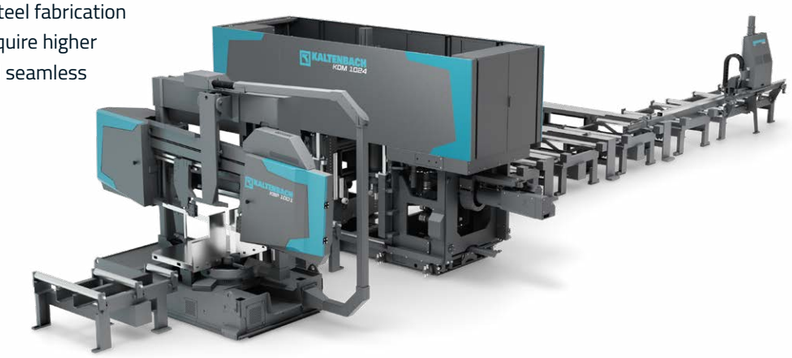
THE ROBUST ENTRY-LEVEL SOLUTION: S-LINE

The S-Line is the ideal solution for companies taking their first steps into automated drilling and sawing technology.



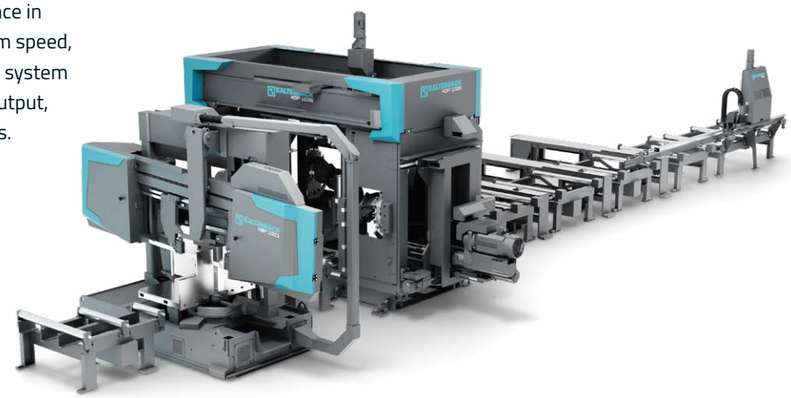
THE RELIABLE CORE OF YOUR PRODUCTION: M-LINE

Ideal for established and growing steel fabrication companies and distributors that require higher output, expanded functionality, and seamless integration into their workflows.



THE TOP CLASS FOR THE HIGHEST DEMANDS: P-LINE

The P-Line is designed for top performance in demanding environments. With maximum speed, precision, and automation capability, this system is the first choice for companies where output, availability, and accuracy are top priorities.



KALTENBACH
KC 1221
Coping

VERSATILE COPING SYSTEM FOR FOUR-SIDED MARKING AND CUTTING FOR PROFESSIONAL STEEL FABRICATION AND STEEL SERVICE CENTER

High-speed plasma cutting of assembly-ready parts for any type of joint—both welded and bolted. A state-of-the-art robot-controlled coping system enables a wide range of applications, including bevels, internal contours, longitudinal cuts, slotted holes, holes, shifter cuts, miter cuts, and straight cuts.

Working range: 1,220 × 475 mm
48 x 19″

BENEFITS AT A GLANCE

- State-of-the-art plasma technology
- Advanced scanner system for 3D profile measurement
- Intelligent software to minimize post-processing of cuts
- Automatic generation of the robot program
- Machining simulation and collision control for trouble-free operation
- User-friendly operation and programming
- Consistently high quality, even for complex cutting operations
- Fully enclosed design
- Equipped with Kaltenbach material transport systems

KALTENBACH
KF 2114/28 | 2614/28
3114/28
Plate Processing

MODERN PLATE PROCESSING FOR PLATES UP TO 3 M / 122″ WIDE AND 100 MM / 4″ THICK

Achieve maximum productivity and efficiency with our plasma cutting, oxy-fuel cutting, and plate drilling systems. A wide range of operations such as drilling, milling, tapping, countersinking, center punching, marking, hard stamping, and thermal cutting can be performed on a single machine.

Plate width: 2,100 / 2,600 / 3,100 mm
83 / 102 / 122″

BENEFITS AT A GLANCE

- Thermal cutting with plasma and/or oxy-fuel
- Up to two drilling and cutting heads for maximum output
- Intelligent nesting software for minimal material waste
- Fully automated small-part handling up to 400 x 400 mm / 16 x 16″
- Material thicknesses up to 100 mm / 4″
- Precise drilling up to Ø 50 mm / 2″
- Dual 14-position automatic tool changers
- Milling of complex contours using carbide tools
- High-performance motor drives for perfect drilling and milling results
- Special transport system with integrated dual measuring carriage
- Optional up to two marking hard stamping units

Measuring & Transport Systems

- Designed with a robust steel construction
- Optimized process flow
- Intelligent control solutions
- Fast material transport
- Efficient batch processing
- Fully automated processes

The logistics surrounding the machine are one of the most important factors for increasing the overall capacity of the line. Efficient material handling and precise measurement not only enable the quality of your products but also boost your productivity. Thanks to our modular design, individual solutions can be easily combined to achieve seamless integration of the system into your production environment.

MEASURING CARRIAGES WITH VARIOUS TYPES OF PUSHERS AND GRIPPERS

Custom conveyor systems for profile bundles, layers and plates

- Precise positioning of material
- Excellent material visualization and tracking
- Flexible measuring systems
- Flexible interface connections to various ERP/MRP systems
- Capability to handle a wide range of products

ROLLER CONVEYORS

- Material visualization and tracking possible
- Robust construction capable of handling up to 1,000 kg/m / 672 lb/ft
- Roller stands with low-wear solid rollers made of quenched and tempered steel
- Low-maintenance chain drives

CROSS-CONVEYORS

- Cross-conveyor with drag chains for robust and low-maintenance transport
- Cross-conveyor with lifting pins for drag-type material conveyance in two directions
- Cross-conveyor with lifting carriage, especially suitable for profile bundles, layers and plates

DISCHARGE SYSTEMS

Push Off Device: Simple lateral discharge of short good parts as well as heavy parts to the side of the roller conveyor

Short Piece Gripper for efficient handling and removal of short parts

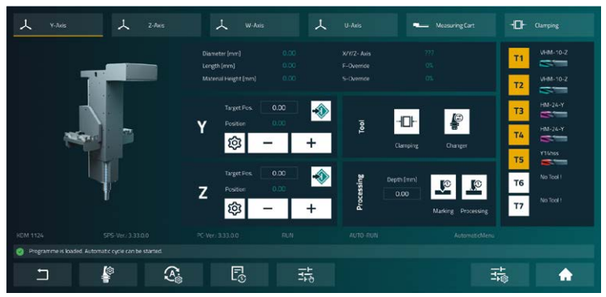
Autosorter: Automatic removal of good parts to up to six discharge positions

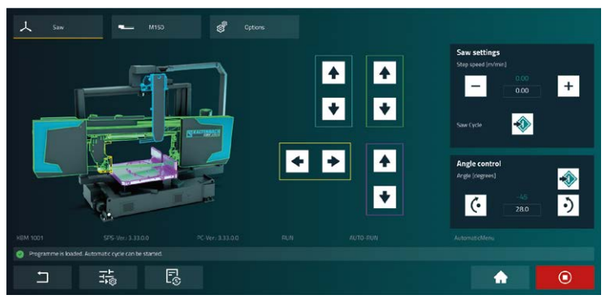
Automation

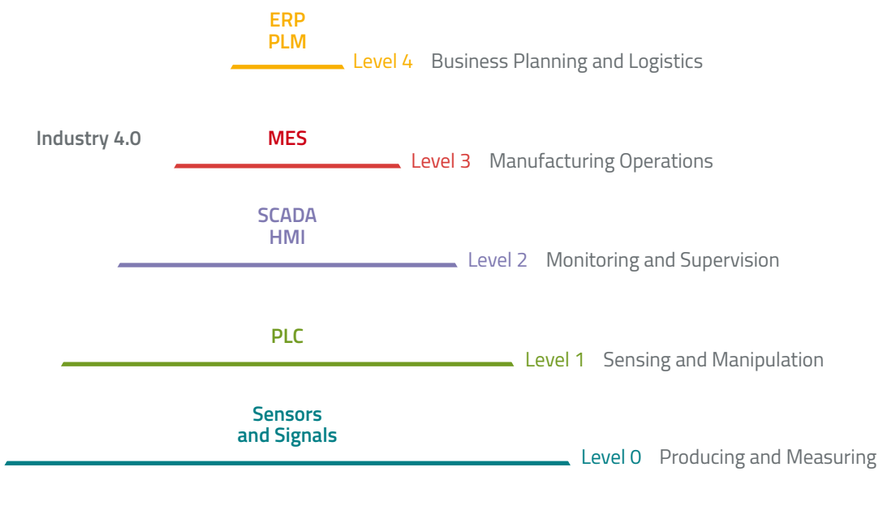
INTEGRATED HIGH-QUALITY SOLUTIONS FOR THE STEEL INDUSTRY

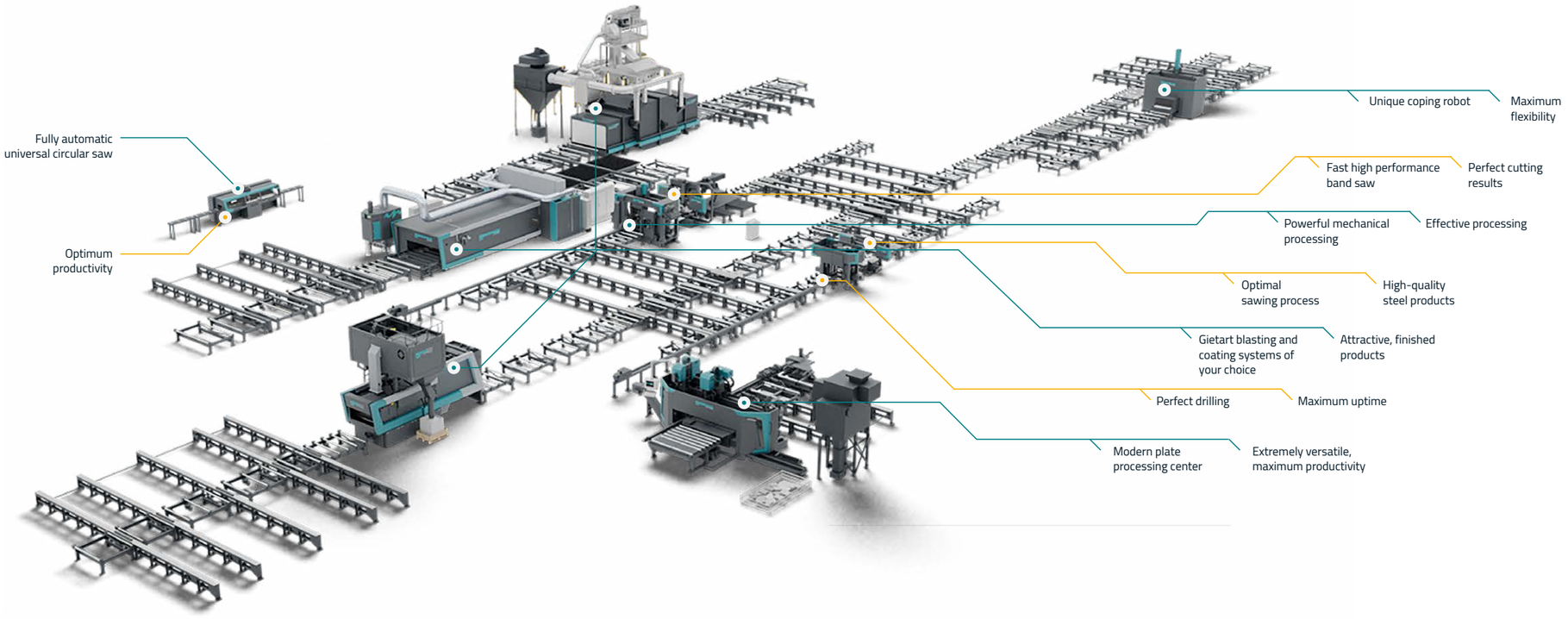
At Kaltenbach, automation is designed as a seamlessly integrated ecosystem. By optimizing production workflows, transport processes, and small-part handling, our solutions are precisely tailored to your operational requirements.
This philosophy is reflected in the Kaltenbach Industry Pyramid, which represents our complete automation portfolio—ranging from intelligent machine software and advanced process control to fully integrated ERP connectivity and comprehensive Industry 4.0 functionalities.

As a holistic system partner, we deliver the full spectrum of digital and automated solutions to elevate your processing operations to a higher level of performance.









AUTOMATION THAT DRIVES PERFORMANCE

With intelligent automation across the entire production chain, Kaltenbach transforms raw data into actionable insights—delivering higher machine availability, increased efficiency, and optimized material flow.

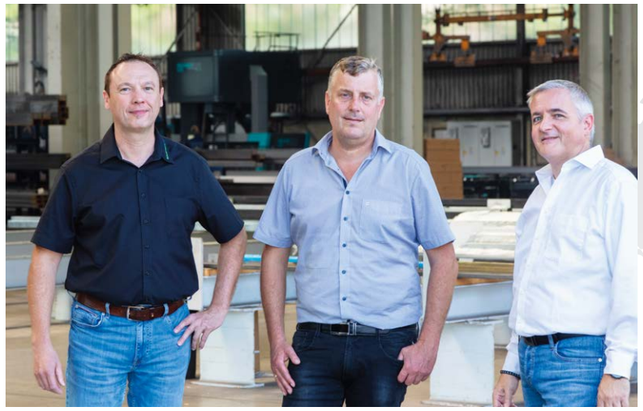
Key benefits include:

- Clear process transparency for continuous improvement
- Live digital material tracking and visualization
- Transparent dashboards showing machine status and performance metrics
- Early warning alerts for service and spare parts requirements
- Intelligent quality and production flow control
- Fully automated logistics: loading, discharge, transport, storage, and sorting

Service

WE TAKE CARE OF IT—KALTENBACH SERVICE

With preventive maintenance, we help you to focus on what matters most: your success. Our highly qualified service technicians are not only experts, but true partners by your side.
Thanks to high spare parts availability, we respond quickly so that your production never comes to a standstill.
Our customer focus means: we listen, we act, we improve. This is how we enhance the quality of your systems and safeguard the value of your investment—today and in the future. Trust in a service that delivers more than repairs: it creates security and reliability.



» Since the commissioning of our first Kaltenbach sawing system over 20 years ago in Lahr, we have consistently relied on the quality and reliability of the machines. The installation of additional systems in Freiburg and the consistently positive experience with the service and help desk confirm our decision to rely on Kaltenbach. «

Alexander Hatt, Managing Director Schwarzwald-Eisen

PROFESSIONAL HELPDESK

For fast and immediate assistance, you can rely on our help desk. Spare parts and assistance will be quickly on site, whenever and wherever needed.

ORIGINAL SPARE PARTS AND STARTER KITS

Original spare parts stand for optimum efficiency, higher uptime and a longer service life of your machine. In order to safeguard production continuity and short down time, you can make use of various starter kits. In that case you will have all parts you need on stock.

FIRST CLASS ASSISTANCE ON SITE

Knowledge, experience and a passionate commitment to support our customers in the best possible way is what makes our service strong. Together, we will look for the best manufacturing methods for your products.

EFFECTIVE TRAINING

Taylor-made training programs will improve the productivity of your machine, as well as the skills of your employees.

GET IN TOUCH WITH OUR SERVICE DEPARTMENT!

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Contact Us!

WE ARE THERE—WHEREVER YOU NEED US

As technological leader in the field of steel processing systems, Kaltenbach excels in product quality, innovation and design. It is our passion to supply the most reliable solution against the lowest cost of ownership, worldwide.

This includes a clear focus on the environment and saving energy and material. With our latest automation devices, you will get an optimal insight into your production process. Operation and maintenance of our solutions will be easy and user-friendly. For all questions and in all cases you can rely on the fact, we are there. Wherever you need us.

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Be convinced by 135 years of experience.

With 135 years of experience in steel processing and surface treatment, Kaltenbach is able to meet the challenges of a constantly changing global market with relentless innovation, high-quality process systems and outstanding machine design.

Sustainable, efficient, safe and reliable. Our production lines and machines offer the right solution for every requirement. Benefit from our industry expertise and create added value—every day.

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