BEHRINGER

Complete Range

High-Performance Saws for the Steel and Metalworking Industry
Steel Plate and Profile Machining Equipment

EISELE

Perfection from Tradition

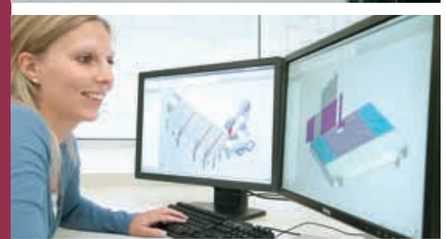
It is the passion for the sawing process that has been driving us as industry leaders in band saw and circular saw technology.

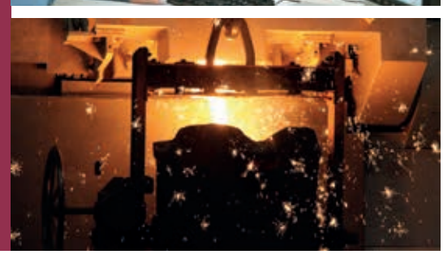
Christian Behringer and Rolf Behringer now head the company in its third generation of family management.

Innovative Sawing technology – A worthwhile investment
Whether shop floor model or high-end industrial saws – our aim is to always be „one step ahead" in terms of sawing performance and accuracy. We work closely together with saw blade manufacturers, we carry out tests with materials from our customers, and we are always looking for new challenges in the field of cutting steel, aluminum and special alloys. Through our constantly improving saw technology and innovation, we are able to support our customers and to give them a clear advantage in times of fierce competition. Such an investment is worthwhile from the very first day.

We are BEHRINGER – With passion
It is the ambition of everyone on our team, which brings us forward. Our highly qualified engineers and technicians are working constantly to improve and further enhance our products. They conceive new products and features, refine, develop, and manufacture our high-performance saws in a committed and target-oriented manner. We are always striving for perfection – always with enthusiasm for new challenges.

Made by BEHRINGER – Made in Germany
"From red iron to the finished product" – the extensive production depth, high-end machining centers, state-of-the-art manufacturing methods and the integrated quality assurance system ensure the high quality standard of our products at every stage. Our own latest-state-of-the-art foundry and our long experience in the field of ductile and cast iron contribute to the premium quality of our cast components. This is how we achieve a high degree of toughness, a solid construction for maximum performance, high cutting accuracy and long service life of the tools and of every original BEHRINGER sawing machine.





Customer-oriented sawing concepts
We know exactly what our customers need in terms of sawing. We understand their needs by always keeping in touch.

Individual solutions are our strength
BEHRINGER is an industry leader when it comes to customized solutions around the issue of material handling. We provide solutions specific to our customers need and are able to act in the capacity of overall project manager if required.

The modular design concept behind our saws allows us to supply a perfect solution to address your specific needs – ensuring the safe handling of even the heaviest of parts.

We are local as well as global
We are in places where our customers are – nationwide and international. With our locations in Germany, France, USA and China as well as with over 40 agencies worldwide, we are setting the standard in terms of implementing customer-focused service and communication. We know the markets, the industry, and its challenges.

A well-developed network of service technicians and service partners ensures prompt after-sales support on a manufacturer´s quality level. Our well-equipped spare parts storage and in-house manufacturing assure a fast and – even more importantly – reliable spare parts supply, even for saws, which have provided more than 30 years of service.

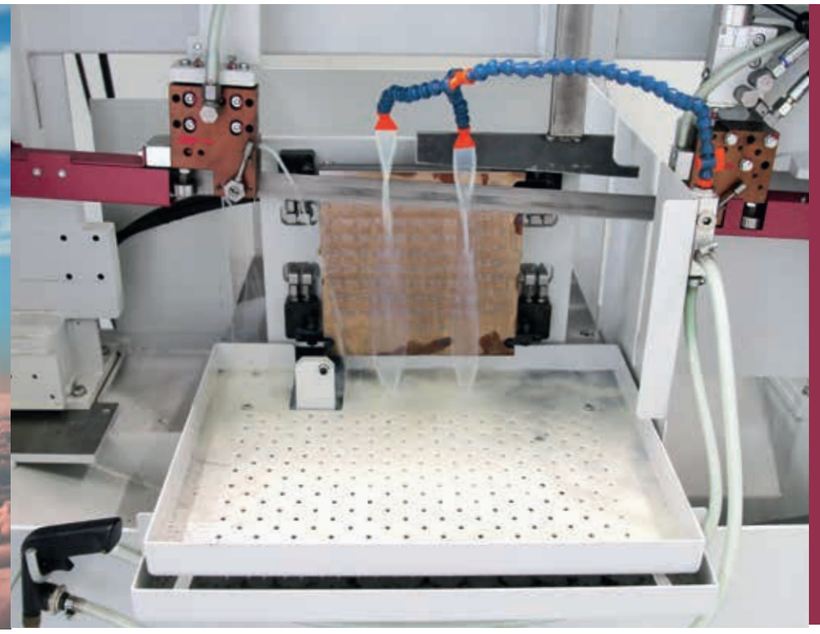
Semi-Automatic Bandsaws for Single Cuts

The affordable combination of high cutting output and simple handling.

- Easy accessibility
- Reliable material clamping
- Universal application

Versatile application

- Steel trade/steel construction
- Metal construction
- Mechanical engineering
- Aerospace industry
- Automotive and supply industry
- Forging industry
- Tool and mold making



Solutions for sawing additively manufactured components

Shorter time-to-market, lower material consumption and more degrees of freedom in design are just some of the reasons why 3D printing of metal parts is becoming more widespread.

The 3D series was developed for sawing 3D printing plates in different sizes up to 47" x 47". Highest precision ensures optimal cutting results and guarantees that neither the printing plate nor the printed components are damaged.

- Quick and easy loading and unloading
- Zero-point stop system or NC axis
- Clamping options according to customer requirements
- Coolant filtration system standard

BEHRINGER HBE320-523

Technical Data Semi-Automatic Bandsaws

Model	Cutting range	
	90° round	90° flat B x H
HBE320-523	12.6	20.4 x 12.6
HBE420-723	16.5	27.5 x 15.7
HBE560	22.0 (24.0)	22.0 x 22.0 (27.5 x 24.0)

All measurements in inch

Technical Data 3D Series

Model	Cutting range	
	Maximum printing plate size	Maximum print height
HBE320-523 3D	20.4 x 11.8	15.7 (higher on request)
LPS-T 3D	33.4 x 25.6 (47.2 x 47.2)	25.6 (higher on request)

All measurements in inch

Fully Automatic Bandsaws for Versatile Application

Fast, precise execution of multiple cuts. Makes for optimum efficiency in every field of metalworking.

Stable cast construction and dual-column guides

- High stability
- Outstanding cutting accuracy
- Precise cut-off length
- Extreme efficiency
- Reliable operation
- Energy efficient
- Compact

Simple, reliable operation

- Good access to the machine
- User-friendly NC program control

BEHRINGER HBE663A Performance

BEHRINGER HBE411A Dynamic

Technical Data

Model	Cutting range		Feed length single stroke
	90° round	90° flat W x H	
HBE261A Dynamic	10.2	11.8 x 10.2	25.2
HBE321A Dynamic	12.6	13.7 x 12.6	25.2
HBE411A Dynamic	16.1	20.0 x 16.1	24.6
HBE511A Dynamic	20.0	20.0 x 20.0	24.6
HBE560A Performance	22.0	22.0 x 22.0	19.6 | 59.0 | 118.1
HBE663A Performance	26.0	28.0 x 26.0	21.2 | 59.0 | 118.1
HBE860A Performance	33.8	33.8 x 33.8	19.6
HBE1060A Performance	41.7	41.7 x 41.7	19.6

All measurements in inch

Unbeatable Speed – even with the toughest Jobs

HBM cut-off gripper (option)

To address the most stringent requirements. Ideal for high production and particularly hard steel qualities.

Aluminium, NF metals, materials with difficult cutting properties – the HBM series cuts practically anything down to size. With even greater simplicity, greater precision and, most importantly, higher speed.

The HBM makes light work of even the highest chip volumes. You too can benefit from the efficiency and flexibility of these outstanding high-performance bandsaws.

BEHRINGER HBM540A

Made for heavy-duty application

- Optimum processing quality
- Outstanding speed
- Unbeatable service life
- Process-safe material handling

Saws practically any steel type

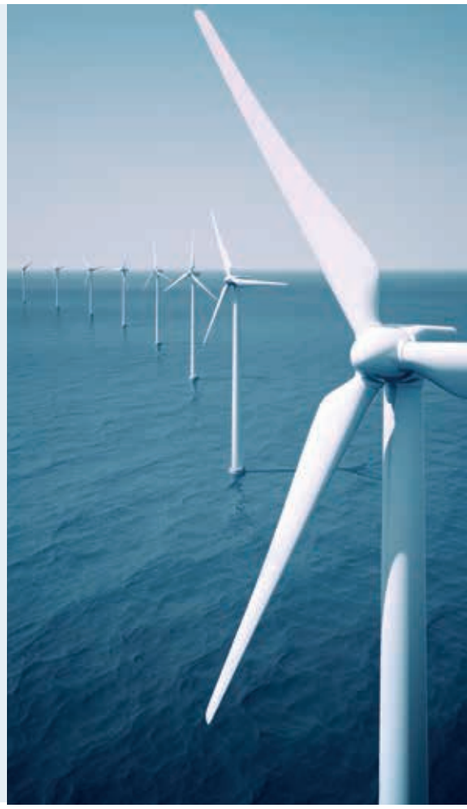
- Tool steels
- Stainless steels
- Heat/acid-resistant steels
- High-alloy steels
- All structural and carbon steels

The ideal solution for aluminium too

- Special versions for aluminium machining
- Extreme cutting speeds
- Effective chip disposal

Low-manned production

- Available in range of automation stages, e.g. with magazine, cut-off gripper, marking unit etc.



Technical Data

Model	Cutting range		Feed length single stroke
	90° round	90° flat W x H	
HBM440A	17.3	17.3 x 17.3	23.6
HBM540A	21.2	24.8 x 21.2	19.6
HBM800A	31.4	31.4 x 31.4	23.6
HBM800-1201A	31.4	47.2 x 31.4	23.6
HBM440ALU	17.3	17.3 x 17.3	23.6
HBM540ALU	21.2	24.8 x 21.2	19.6
HBM800ALU	31.4	31.4 x 31.4	23.6
HBM800-1201ALU	31.4	47.2 x 31.4	23.6
HBM440A-PC-E	17.3	17.3 x 17.3	23.6
HBM540A-PC-E	21.2	24.8 x 21.2	19.6

All measurements in inch

Sawing Solutions for Aluminum

HPS1000-2200T

Slicing saw for the production of aluminium plates
Especially in the non-ferrous metal trade, the production of aluminum plates with customer-specific thicknesses by sawing up aluminum blocks offers many advantages. The HPS series offers for this:

- **Variable automation level**
- **High flexibility**
- **High cutting performance**
- **Chip extraction**

BEHRINGER offers a comprehensive portfolio of standard and special sawing machines for aluminum producers and aluminum processors

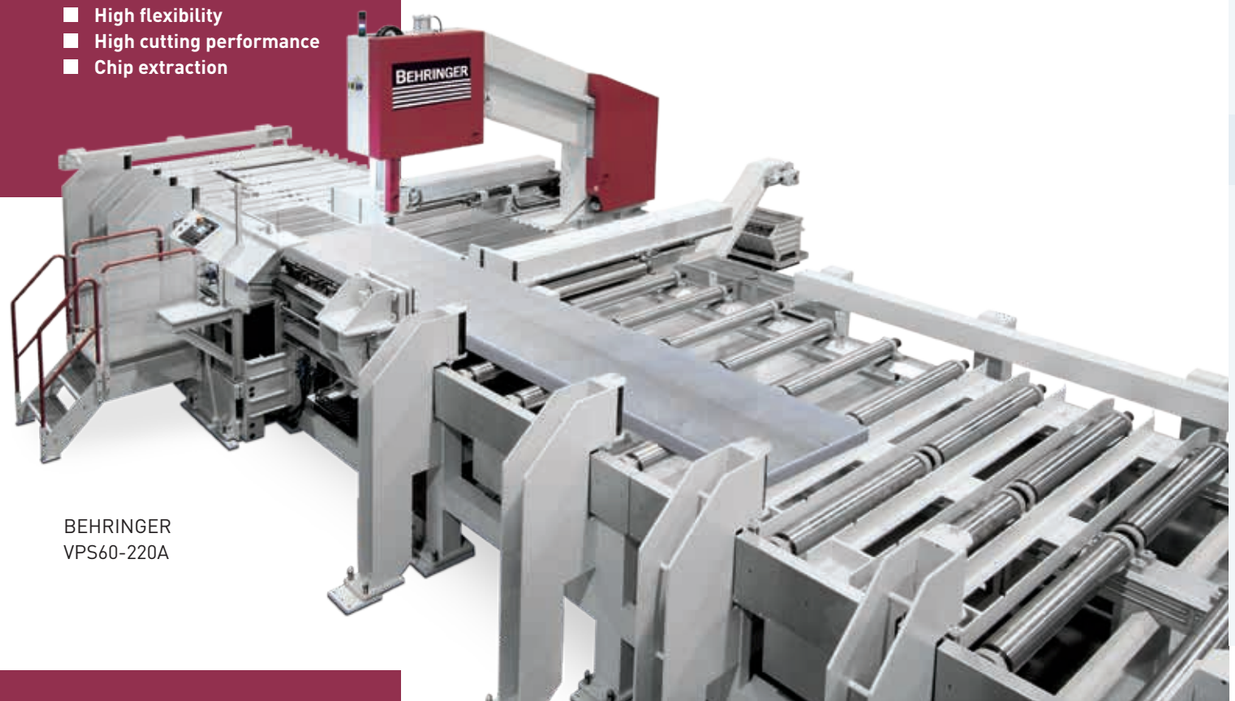
Aluminum has good machining properties and high load capacities - with significant weight savings compared to steel. The use of aluminum components thus helps to save valuable resources. This is one of the reasons why the demand for this material is constantly increasing.

Cutting aluminum requires a special sawing solution. In addition to high cutting speed and effective chip disposal, the degree of automation is of central importance for the efficiency of a sawing system.

Sawing solutions from BEHRINGER are therefore specially designed to meet the requirements of the aluminum industry. An extensive range of band and circular saws is available for cutting ingots, cast billets or plates. But special solutions are also possible on the basis of the modular basic designs.

The main focus in aluminum processing is on the automation level. BEHRINGER industry solutions offer highly automated processes - from loading to the handling of samples and remnants to the automated sorting of the segments or the transfer to subsequent processes.

Continuous tracking of the production batches is ensured by interfaces with management systems and the integration of marking units.



BEHRINGER
VPS60-220A

Cut-off gripper in portal design

The combination of infeed and cut-off gripper allows fully automatic, unattended operation. The gantry design of the cut-off gripper with 3 axis allows the separation of trim cuts and remnants, test slices and good parts into designated deposit positions. An integrated scale automatically checks the weight of the cut-offs and reports this to the control system.

Disposal system in portal design

Especially for aluminum forging or extrusion applications with short cut-off lengths, disposal gantries represent an efficient handling solution. The sections are automatically stacked in transport trays provided and weighed and marked in parallel to production time.

Efficient transport solutions

The modular material handling system is as flexible as your sawing task demands. Get the best out of your production - we support you: as a leading problem solver and innovative system provider. We work closely with you to develop system concepts that are specially tailored to your needs with individual infeed, transfer and transport solutions in which everything fits together perfectly.

Miter-Cutting Bandsaws – Universal and Flexible

Made for miter cuts and steel profiles. Impressive output and cutting range.

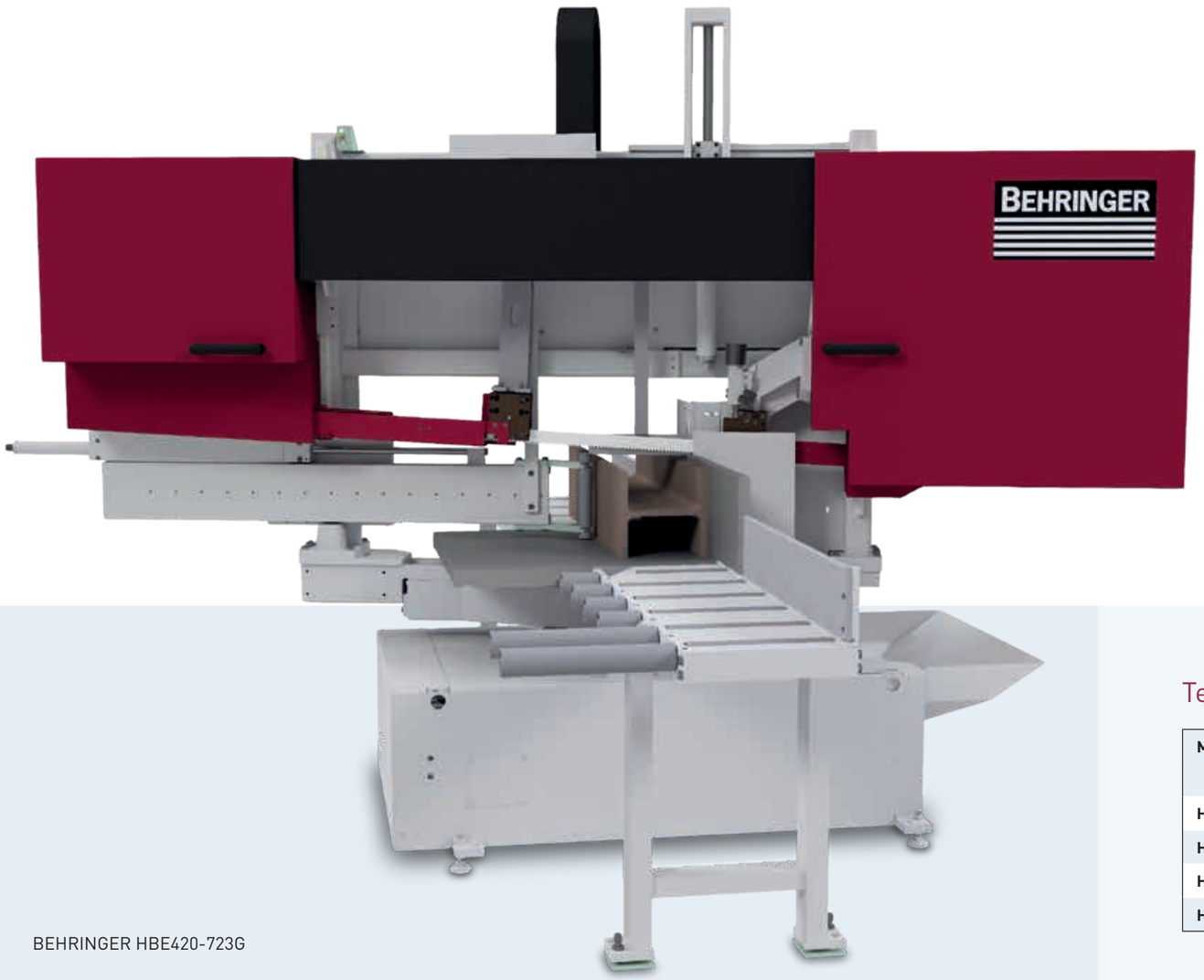
For the highest demands on cutting performance, automation and process reliability in steel construction and steel trading, BEHRINGER bandsaws offer a convincing package.

Anyone who has to machine workpieces at a wide variety of angles will cut perfectly and, above all, profitably with the miter bandsaws of the HBE series.

Everything included from the start

Standard functions on the HBE semi-automatic machines

- **BEHRINGER cutting pressure control**
  Automatically adapts the saw feed of the machine to the changing material cross-sections..
- **Micro Spray System**
  Longer service life due to constant moistening of the saw blade.



BEHRINGER HBE420-723G

Every cut a masterpiece of precision

- Optimum positioning accuracy for right/left miter cuts
- Also for large cutting widths

Amazingly versatile

- Highly flexible, easy-to-operate angular adjustment
- Simple adjustment to individual requirements
- Wide-ranging different transport systems for simple material handling

Technical Data

Model	Cutting range		Miter right	Miter left	
	90° round	90° flat W x H	45° flat W x H	45° flat W x H	30° flat W x H
HBE320-523G	12.6	20.4 x 12.6	13.0 x 12.6	15.3 x 12.6	7.8 x 12.6
HBE420-723G	16.5	27.5 x 15.7	18.5 x 15.7	21.2 x 15.7	11.8 x 13.7
HBP510-923G	20.0	35.4 x 19.6	23.6 x 19.6	23.6 x 19.6	15.7 x 15.7
HBE610-1256G	24.0	49.2 x 24.0	34.6 x 24.0	34.6 x 24.0	24.0 x 24.0

All measurements in inch

The Specialists for Structural Steel Work

BEHRINGER HBE320-523GA

Developed for automatic miter cuts in steel construction and sectional steel trade.

Miter precision guaranteed

- Highly efficient through NC angular adjustment
- High degree of positioning accuracy with NC length measurement device
- High feed length even with single stroke
- Powerful PC control with bar optimization
- Reliable bundle cuts with package clamping unit (Option)

Technical Data

Model	Cutting range			Mitre left						Mitre right			Feed length single stroke
	90° round	90° square Wx H	90° flat W x H	45° round	45° square W x H	45° flat W x H	30° round	30° square W x H	30° flat W x H	45° round	45° square W x H	45° flat W x H	
HBE320-523GA	12.6	12.6 x 12.6	20.4 x 12.6	12.6	12.6 x 12.6	15.3 x 12.6	7.8	7.8 x 7.8	7.8 x 12.6	12.6	12.6 x 12.6	13.0 x 12.6	118.1
HBE420-723GA	16.5	15.7 x 15.7	24.4 x 15.7	15.7	15.7 x 15.7	21.2 x 15.7	11.8	11.8 x 11.8	11.8 x 13.7	15.7	15.7 x 15.7	18.5 x 15.7	118.1
HBP510-923GA	20.0	19.6 x 19.6	32.2 x 19.6	20.0	19.6 x 19.6	23.6 x 19.6	15.7	15.7 x 15.7	15.7 x 15.7	18.9	19.6 x 19.6	23.6 x 19.6	118.1
HBE610-1256GA	24.0	24.0 x 24.0	49.2 x 24.0	24.0	24.0 x 24.0	34.6 x 24.0	24.0	24.0 x 24.0	24.0 x 24.0	24.0	24.0 x 24.0	34.6 x 24.0	118.1

All measurements in inch

When the going gets Tough

Unadulterated power – our high-powered solutions for large, heavy workpieces. Reliable, precise and extremely reliable.

The optimum solution when the going gets tough

- Highly stable design
- Extreme load-bearing capacity **up to 100 tons**
- Outstanding durability
- Extremely reliable

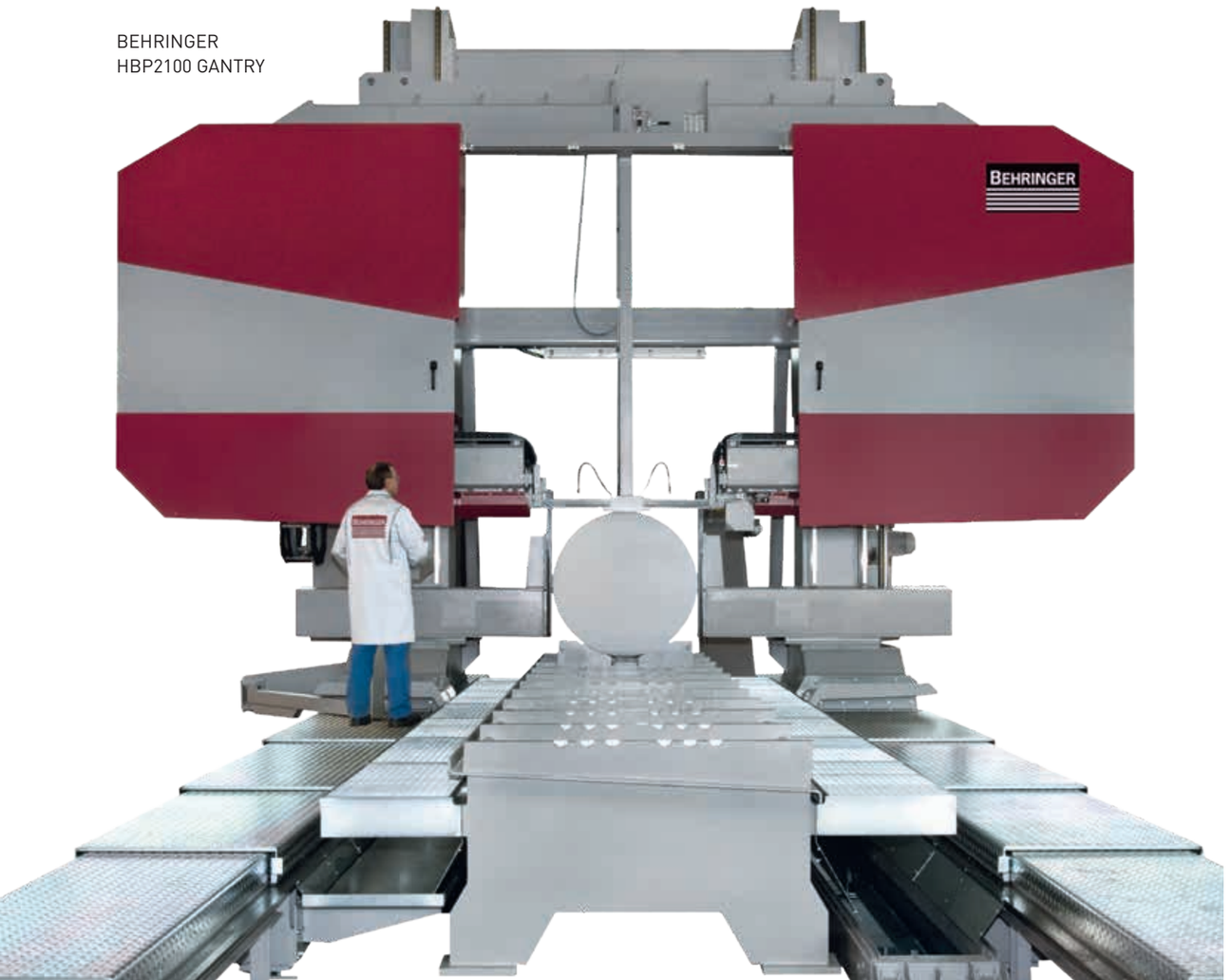
Wide application range

- Heavy-duty large forged components
- Ships' crankshafts
- Turbine shafts
- Large-scale tools
- Metal blocks etc.

Wide range of machine variants

- Machines with roller conveyors: Workpieces are transported on heavy-duty roller conveyors
- Table variants: Table is pushed with the workpiece through the fixed saw gantry
- Gantry design: Sawing frame travels over the fixed workpiece

BEHRINGER
HBP2100 GANTRY



Technical Data

Model	Cutting range			Minimum clamping width	Table size L x W	Portal traversing path
	90° round	90° square W x H	90° flat W x H			
HBP1100 GANTRY	43.3	43.3 x 43.3	43.3 x 43.3	4.0	255.9 x 47.2	196.8
HBP1100-1500 GANTRY	43.3	43.3 x 43.3	59.0 x 43.3	15.8	255.9 x 47.2	196.8
HBP1100-1800 GANTRY	43.3	43.3 x 43.3	70.8 x 43.3	15.8	255.9 x 59.0	196.8
HBP1100-2100 GANTRY	43.3	43.3 x 43.3	82.6 x 43.3	19.7	255.9 x 70.8	196.8
HBP1500 GANTRY	59.0	59.0 x 59.0	59.0 x 59.0	15.8	255.9 x 47.2	196.8
HBP1500-1800 GANTRY	59.0	59.0 x 59.0	70.8 x 59.0	15.8	255.9 x 59.0	196.8
HBP1500-2100 GANTRY	59.0	59.0 x 59.0	82.6 x 59.0	19.7	255.9 x 70.8	196.8
HBP1800 GANTRY	70.8	70.8 x 70.8	70.8 x 70.8	15.8	255.9 x 47.2	196.8
HBP1800-2100 GANTRY	70.8	70.8 x 70.8	82.6 x 70.8	19.7	255.9 x 70.8	196.8
HBP2100 GANTRY	82.6	82.6 x 82.6	82.6 x 82.6	19.7	255.9 x 70.8	196.8

Model	Cutting range			Minimum clamping width	Table size L x W	Table traversing path
	90° round	90° square W x H	90° flat W x H			
HBP1100	43.3	43.3 x 43.3	43.3 x 43.3	4.0	-	-
HBP1100-1500	43.3	43.3 x 43.3	59.0 x 43.3	11.9	-	-
HBP1100-1800	43.3	43.3 x 43.3	70.8 x 43.3	15.8	-	-
HBP1100-2100	43.3	43.3 x 43.3	82.6 x 43.3	19.7	-	-
HBP1500	59.0	59.0 x 59.0	59.0 x 59.0	11.9	-	-
HBP1500-1800	59.0	59.0 x 59.0	70.8 x 59.0	15.8	-	-
HBP1500-2100	59.0	59.0 x 59.0	82.6 x 59.0	19.7	-	-
HBP1100T	43.3	43.3 x 43.3	43.3 x 43.3	4.0	118.1 x 47.2	78.7
HBP1100-1500T	43.3	43.3 x 43.3	59.0 x 43.3	15.8	118.1 x 47.2	78.7
HBP1100-1800T	43.3	43.3 x 43.3	70.8 x 43.3	15.8	118.1 x 59.0	78.7
HBP1500T	59.0	59.0 x 59.0	59.0 x 59.0	15.8	118.1 x 47.2	78.7
HBP1500-1800T	59.0	59.0 x 59.0	70.8 x 59.0	15.8	118.1 x 59.0	78.7

All measurements in inch

Vertical Bandsaws for perfect longitudinal Cuts

New standard of precision for longitudinal dividing of plates and blocks. A highly popular option in the steel trade and for mold and tool makers.

BEHRINGER
LPS-T

Precision with every cut

- High precision for cutting lengths up to 26 feet
- Suitable for wide-ranging steel blocks and plate stock

Set-up time close to zero

- Extremely simple, high-speed saw band changeover
- No tools required

Universal application scope

- Compact, space-saving construction
- Different variants for each application

Automatic cuts with the LPS automatic

Technical Data

Model	Cutting range	Cutting height	Cutting length
LPS-T	24.4	23.6	50.0
LPS40-2	26.7	15.7	78.7
LPS40-3	26.7	15.7	118.1
LPS40-4	26.7	15.7	157.4
LPS40-6	26.7	15.7	236.2
LPS60-2	26.7	23.6	78.7
LPS60-3	26.7	23.6	118.1
LPS60-4	26.7	23.6	157.4
LPS40-120-3	47.2	15.7	118.1
LPS40-120-4	47.2	15.7	157.4
LPS20-120-6	47.2	7.8	236.2
LPS80-120-3	47.2	31.4	118.1
LPS80-120-4	47.2	31.4	157.4

Model	Cutting range	Cutting height	Cutting length
LPS60-120-6	47.2	23.6	236.2
LPS120-120-3	47.2	47.2	118.1
LPS120-120-4	47.2	47.2	157.4
LPS100-120-6	47.2	39.3	236.2
LPS40-160-3	63.0	15.7	118.1
LPS40-160-4	63.0	15.7	157.4
LPS20-160-6	63.0	7.8	236.2
LPS80-160-3	63.0	31.4	118.1
LPS80-160-4	63.0	31.4	157.4
LPS60-160-6	63.0	23.6	236.2
LPS120-160-3	63.0	47.2	118.1
LPS120-160-4	63.0	47.2	157.4
LPS100-160-6	63.0	39.3	236.2

All measurements in inch | Larger machines and automatic models on request

„Classics“ in any Workshop

More than 250,000 units sold worldwide speak for themselves. The machine’s simple operation, top quality and precise cuts is the best fit for every shop working with steel.

BEHRINGER
SLB230DG-HA

Technical Data Swing Frame Bandsaws

Model	Cutting range		Mitre right				Mitre left	
	90° round	90° flat W x H	45° round	45° flat W x H	30° round	30° flat W x H	45° round	45° flat W x H
SLB230G	9.4	11.0 x 8.2	7.2	7.0 x 140	4.5	4.3 x 4.3	-	-
SLB230DG	9.4	11.0 x 7.8	6.8	6.7 x 6.7	4.3	3.9 x 5.5	5.9	5.7 x 4.9
SLB230DG Semi-Automatic	9.4	11.0 x 7.8	6.8	6.7 x 6.7	4.3	3.9 x 5.5	5.9	5.7 x 4.9
SLB240G Semi-Automatic	10.2	14.5 x 10.2	10.2	10.2 x 10.2	7.0	7.0 x 7.0	-	-
SLB240A	10.2	10.6 x 10.2	-	-	-	-	-	-

All measurements in inch

Technical Data Vertical Circular Saws

Model	Cutting range								
	90° flat W x H	45° flat W x H	30° flat W x H	90° square	45° square	30° square	90° round	45° round	30° round
VMS 350	6.7 x 3.9	4.7 x 3.9	85 x 3.9[1)]	3.9	3.7	3.3[1)]	4.7	4.7	3.9[1)]
VMS 350 PV	6.7 x 3.9	4.7 x 3.9	85 x 3.9[1)]	3.9	3.7	3.3[1)]	4.7	4.7	3.9[1)]
VMS 370	7.9 x 3.9	5.5 x 3.9	3.9 x 3.9[1)]	3.9[2)]	3.9	3.5[1)]	5.1	5.1	4.1[1)]
VMS 370 PV	7.9 x 3.9	5.5 x 3.9	3.9 x 3.9[1)]	3.9[2)]	3.9	3.5[1)]	5.1	5.1	4.1[1)]
VMS 400 H	7.9 x 4.7	5.5 x 4.7	3.9 x 3.9[1)]	4.7	4.7	3.9[1)]	5.5	5.5	4.3[1)]
VMS 370 A	7.9 x 3.9	5.5 x 3.9	3.9 x 3.9[1)]	4.7	3.9	3.5[1)]	5.1	5.1	4.1[1)]
VMS 400 A	7.9 x 4.7	5.5 x 4.7	3.9 x 3.9[1)]	4.7	4.7	3.9[1)]	5.5	5.5	4.3[1)]

[1)] Only right

All measurements in inch

EISELE VMS 370 PV

Everything in their favor

- Simple operation
- Precise saw cuts
- Minimal space requirements
- Low-maintenance and long life
- Excellent cost-to-performance ratio

At home in workshops and industrial environments

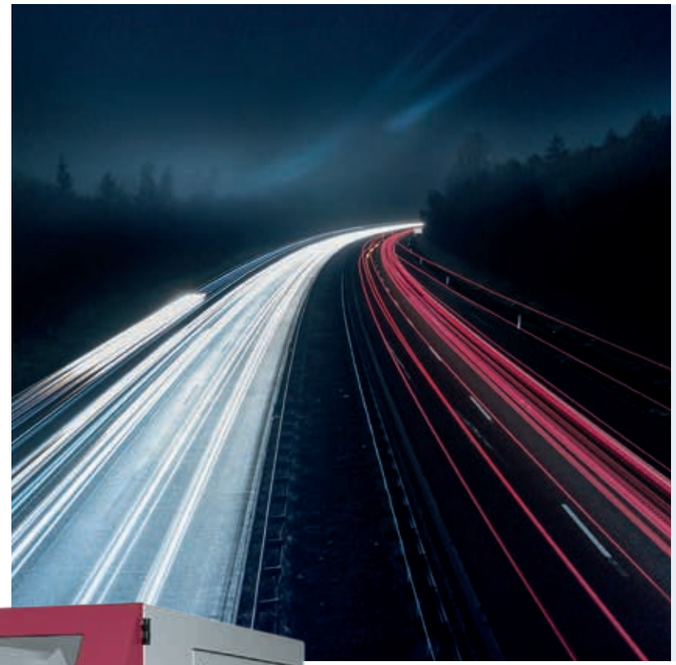
- Forging workshops
- Metalworking shops
- Trainee workshops
- Repair and service departments

High-Performance Circular Saws for Mass Production

High-powered and precise: Designed especially for mass cutting of aluminum or high-output steel sawing - BEHRINGER EISELE offers you the best possible solution every time.

The degree of automation is determined by the sawing assignment

- Fully automatic circular saws for straight cuts: Optimum results and high performance for mass cutting of steel, aluminum and other NF metals. Round cutting range 9.4" (aluminum) and 7.5" (steel)
- The Multi-Fluid cooling concept multiplies the already high cutting performance many times over by combining different cooling / lubrication components in a most effective way.



EISELE HCS 160 MF

EISELE VA-L 560 NC2

Technical Data VA-L Aluminum Circular Saws

Model	Cutting range			Drive power
	90° round	90° square	90° flat W x H	HP
VA-L 500 E	0.4 - 6.9	0.4 - 6.1	0.4 x 0.4 - 9.2 x 5.3	24.1
VA-L 560 NC2	0.4 - 7.9	0.4 - 6.5	0.4 x 0.4 - 11.6 x 6.5	34.8
VA-L 560 NC2 XL	0.4 - 9.4	0.4 - 7.9	0.4 x 0.4 - 12.8 x 7.3	34.8
VA-L 560 NC3	0.4 - 7.9	0.4 - 6.5	0.4 x 0.4 - 11.6 x 6.5	34.8
VA-L 560 NC3 XL	0.4 - 9.4	0.4 - 7.9	0.4 x 0.4 - 12.8 x 7.3	34.8

All measurements in inch

Technical Data HCS Steel Circular Saws

Model	Cutting range		Drive power
	90° round	90° square	HP
HCS 90 E	0.4 - 3.5	0.5 - 65	10.7
HCS 150 E	0.4 - 6.0	0.4 - 5.1	20.1
HCS 100 MF	0.8 - 4.1	0.5 - 3.5	30.1
HCS 130 MF	0.8 - 5.3	0.8 - 4.3	30.1
HCS 160 MF	0.8 - 6.3	0.8 - 5.5	30.1
HCS 190 MF	1.6 - 7.5	1.6 - 6.5	37.5

All measurements in inch

Up-Stroking Circular Saws

Wherever flexible, universal miter cuts are called for in a wide variety of metals, you will find an efficient solution to your sawing application from BEHRINGER EISELE.

From the semi-automatic miter circular saw for metalworking shops through to the fully automatic circular sawing center to address sophisticated, heavy-duty sawing requirements, a wide product portfolio is available to choose from.

We offer the entire periphery including user-friendly hardware and intelligent control software. For optimum sequences, maximum process reliability and a consistently high standard of quality for your products.

The heart of the PSU saw unit is the worm gear unit with EISELE shock-absorbing feature, produced in-house. It is heavy duty and provides for a smooth, low-vibration running of the saw, which, of course, has a positive impact on the quality of the cutting surface and the blade life.

EISELE PSU 450 M

Special Application: Sawing Bent Tubes

- Specially designed for sawing curved tubes such as mufflers, hydro forming or exhaust pipes
- Flat material table enables individual workpiece fixtures to be accommodated
- The entry and exit point of the saw to the material can be freely adjusted for the use of various fixtures

BTS 460 NC

- Servo-motorized axes
- HCS saw unit allows use of carbide saw blades
- Identification of the fixture via RFID possible

EISELE BTS 460 NC

Technical Data Miter Circular Saws

Model	Cutting range								
	90° flat W x H	45° flat W x H	30° flat W x H	90° square	45° square	30° square	90° round	45° round	30° round
PSU 450 H	9.4 x 2.7	6.7 x 2.7	4.7 x 2.7	5.5 x 5.5	4.9 x 4.9	3.9 x 3.9	5.9	5.7	4.7
PSU 450 M	9.4 x 2.7	7.1 x 2.0	5.1 x 30	5.5 x 5.5	4.9 x 4.9	3.9 x 3.9	5.9	5.7	4.4
PSU 450 A	9.4 x 2.7	6.7 x 2.0	5.1 x 30	5.5 x 5.5	4.9 x 4.9	3.9 x 3.9	5.9	5.7	4.4

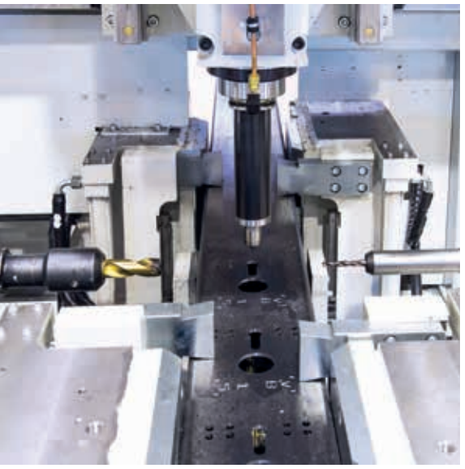
All measurements in inch

Technical Data Tube Cutting Circular Saws

Model	Cutting range	Drive power	Saw feed	Material clamping	RPM
	round	HP			min^{-1}
PSU 450 GS	0.4 - 5.9	4.0 / 4.8	hydraulic	hydraulic	6 / 12 / 24 / 48
BTS 460 NC	0.4 - 6.5	14.7	servo-driven	servo-driven	10 - 280

All measurements in inch

Modern Steel Plate and Profile Machining Centers



High machining speeds, low operating costs and long machine service lives - these are the distinguishing features of VERNET BEHRINGER machining centers.

As a leading manufacturer of profile processing machines and systems, VERNET BEHRINGER develops and produces innovative, efficient machines and production lines for steel construction, specialists for transmission lines and other sectors where steel plates and profiles are machined.

New series for milling and high-speed drilling expand the comprehensive range. VERNET BEHRINGER offers turnkey solutions from a single source with extensive automation solutions for loading, unloading and sorting. In-house software development set standards in digitalization.

HD-X_{EVO2}

Saw-drill line for steel construction and trade

By combining a saw and a drill in one system, throughput and efficiency of the production are noticeably increased. The entire raw profile is measured, drilled, notched, marked and sawn in one operation.

FG$_{EVO}$

Lines for Profile Steel Processing

Portal drilling machines with several spindles and machining lines in flexible design for punching, marking and shearing.

- HD-X_{EVO2}
- HD-S_{EVO}
- MAPS
- KBA40

Lines for Machining Sheet Metal and Flat Steels

Equipment for punching, drilling, marking, flame cutting and deburring of sheet metal and flat steels.

- MAG$_{EVO}$
- FG$_{EVO}$
- MAG B

Lines for Machining Angle Profiles

Machines for punching, drilling, marking, milling and shearing angle profiles.

- VP-X
- VP-2X

The BEHRINGER Product Range

- Straight-Cutting Bandsaws
- Miter-Cutting Bandsaws
- Plate and Block Bandsaws
- Large Bandsaws
- Solutions for sawing Additively Manufactured Components
- Workshop Bandsaws
- Efficient Transport Solutions
- Complete Sawing Systems – Overall Concepts

The BEHRINGER EISELE Product Range

- Vertical Circular Saws
- Up-Stroking Circular Saws
- High-Performance Aluminum Circular Saws
- High-Performance Automatic Circular Saws
- Loading Magazines and Material Handling Systems
- Integration into existing Processes

The VERNET BEHRINGER Product Range

- Profile Steel Machining Lines
- Lines for Machining Flat Steel and Plates
- Angular Profile Machining Lines
- Complete Systems – Overall Concepts

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