BIEGEMASTER

MADE IN GERMANY

WHEN PRECISION COUNTS AND SPEED IS THE KEY

BENDING MACHINES FOR PROFESSIONALS.
POWERFUL. PRECISE. RELIABLE.

MECHANICAL ENGINEERING WITH PASSION.
FAMILY OPERATED SINCE 1955.

BIEGEMASTER

ULTRA-MODERN TECHNOLOGY THAT MAKES ALL THE DIFFERENCE.

Because the smallest details matter in the bending process, and efficiency is about more than just speed in day-to-day operation.

At BIEGEMASTER, we develop machines that deliver consistency in everyday use – reliably, precisely, and with clear workflows. We design technology that simplifies workflows and delivers better results.

Our machines are developed based on practical experience, and our goal is to optimize processes, simplify operations, and ensure precision for the long term.

Using proven designs, we don‘t just make standard products: we design bending systems tailored to your operations that work reliably in everyday use.

This is how we build technology you can count on.

INTUITIVE OPERATION
Clear processes for safe and efficient work

INTELLIGENT MACHINE LAYOUTS
Designed for performance, ergonomics, and productivity

PROVEN BENDING PROCESSES
Designed for consistent results in everyday use

PROVEN BENDING PROCESS

BIEGEMASTER has been synonymous with effective bending processes for decades. Clearly structured, built logically, and designed for efficiency and repeatability.

Each machine operates according to a well-thought-out sequence that guides the user safely through the entire process – from loading, clamping, and cutting through to precise bending. The procedures are simplified and yield reproducible results.

Modern control technology, intuitive operation, and robust, low-maintenance mechanics ensure that every step is performed consistently.

SIMPLE
Easy sequences, quickly learned

FAST
Optimized steps for high productivity

PRECISE
Consistent results through integrated technology



1 Designing a profile

Profile planning is based on the everyday requirements of professional edge bender operators. The BMS multi-touch control allows profiles to be created quickly, reliably, and reproducibly.

- Profiles can be prepared at the office, on a tablet/construction site, or directly on the machine
- Well-organized parts archive for frequently used profiles
- Draw on the touchscreen – intuitive and precise
- Automatic bend sequence calculation with graphical simulation
- Easy programming, even for inexperienced users
- Support for interlocking and tapered profiles (narrow-wide)



2 Convenient insertion of sheet

All BIEGEMASTER machines are designed for ergonomic and safe operation. The sheets are inserted in a controlled, precise manner and with minimal effort.

- Automatic loading aid with horizontal bending beam or extendable loading table
- Electronically controlled back-gauge, optionally with gripper system for doublebenders
- Maintenance-free timing belt
- Positionable back-gauge fingers over the entire bending length
- Secure clamping of the sheet metal before cutting and bending
- Freely positionable footswitch



3 Precise sheet metal cutting

After clamping, the sheet metal is cut to size with millimeter accuracy. The integrated cutter is very precise and designed for daily use.

- Maintenance-free timing belt
- Cutting power for steel up to 3 mm
- Cutting device attached to the machine body
- No leading rails or cutting forces that impact the bending beam

MANY USEFUL ADDITIONAL FUNCTIONS:

BIEGEMASTER continuously optimizes the bending process. Various control systems, equipment options, and additional functions are available for our machines.

MORE DETAILS ON PAGE 22.



4 Powerful and precise bending

The bending process ensures uniform force distribution and high repeat accuracy – across the entire length of the machine.

- Hydraulically or electrokinematically driven bending joints
- Bend in one or two directions
- Optimized clamping beam geometry for large bending angles up to 150°
- Air gap adjustment/radius adjustment to compensate for different sheet thicknesses
- Automatic repositioning between bending steps
- Directly driven bending joints
- Robust, torsion-resistant construction for consistent, top-quality results

BM XBEND
DOUBLEBENDING MACHINE

POWERFUL AND PRECISE BENDING IN BOTH DIRECTIONS

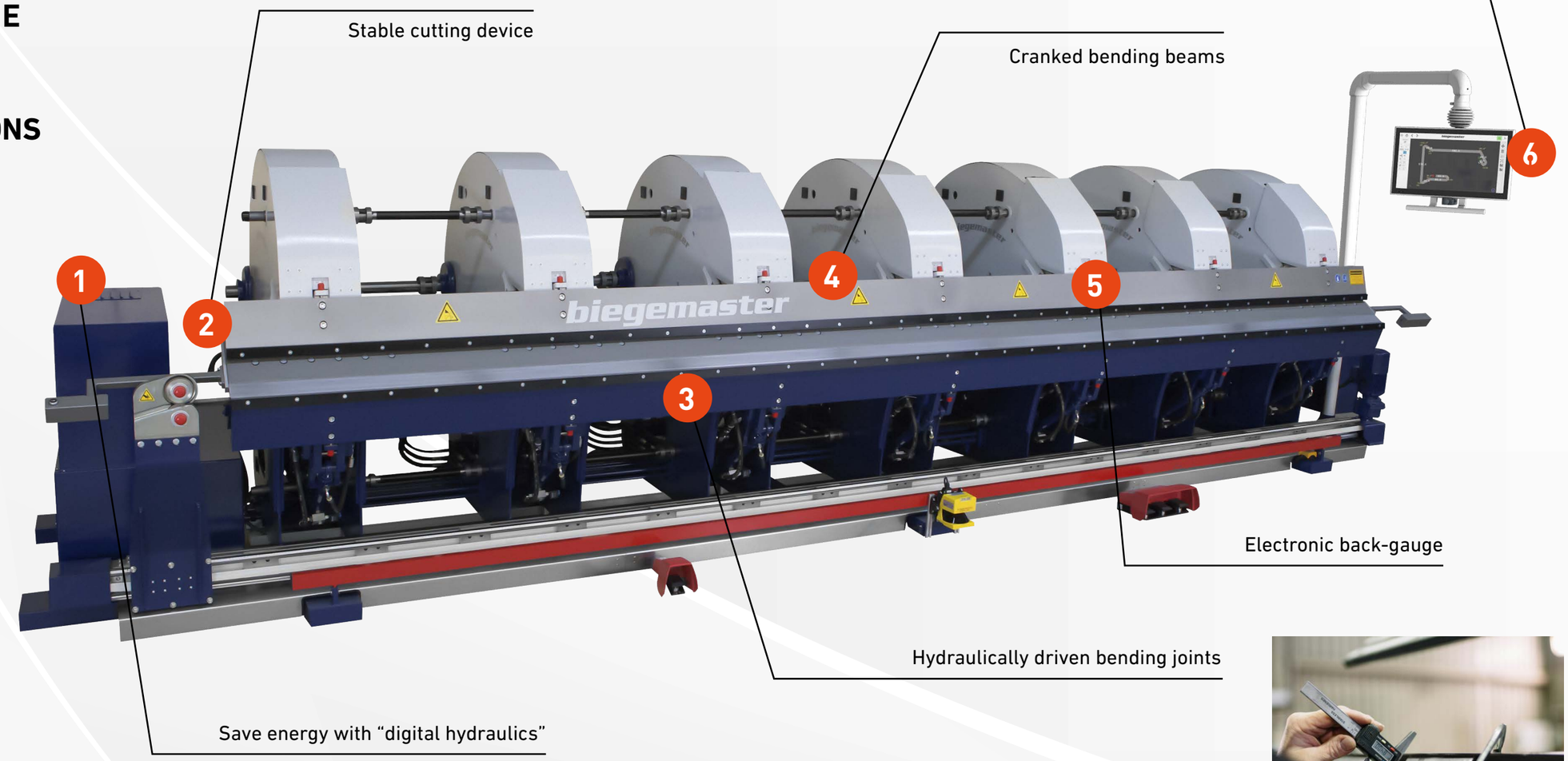
SAVE TIME
No turning or flipping required for efficient and automated processes

HIGH OUTPUT
Optional fully automatic bending with gripper system

ENERGY EFFICIENT
Up to 50% energy savings with “digital hydraulics”

The BIEGEMASTER XBEND combines high bending performance with precise control and convenient handling. The machine is designed for bending in two directions and enables efficient processes without turning or rotating the sheets.

The stable design, precise material guidance, and optional automation with gripper system make the XBEND suitable for both individual parts and series production. Users benefit from high repeatability, a reliable process flow, and significantly less manual handling.



FEATURES DER BAUREIHE XBEND

- Servo-hydraulic bending in two directions
- Optional fully automatic bending process
- High precision and repeatability
- Robust design for continuous professional use

AUTOMATIC LOADING TABLES
The loading tables move automatically out of the machine when opened. This makes it easier to insert long blanks and supports ergonomic working practices.

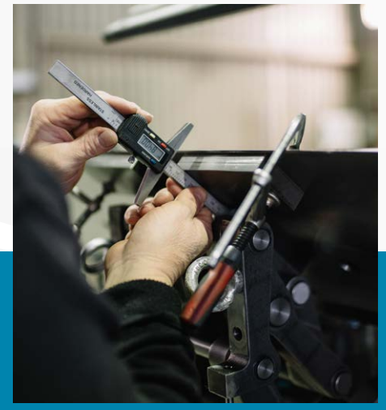
FULLY AUTOMATIC BENDING
With optional grippers, the XBEND handles the bending process autonomously. This reduces manual interventions, minimizes user errors, and increases process reliability.

PRECISE POSITIONING
Computer-controlled back-gauge fingers and grippers enable easy positioning of the sheets.

ENERGY-EFFICIENT OPERATION
“Digital hydraulics” ensure that power is provided as needed and energy consumption is reduced.

INTUITIVE CONTROLS
The BMS multi-touch control enables easy programming and safe operation. Profiles can be quickly created, saved and reproduced.

BM XBEND	
Available lengths	3-12 m
Bending capacity	1,25-2 mm (steel 400N/mm²)
Back gauge	Slider or gripper, computer-operated
Bending directions	2
Shear	electrical cutter optionally available
Driven bending joints	All joints hydraulic
Control system	BMS multi-touch control system
Clamping beam adjustment	Optionally available
Energy-efficient	50% energy savings through ‘digital hydraulics



Technical data and detailed information are available on our website.

Your contact for questions about the XBEND series:

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FORWARD-LOOKING DEVELOPMENT – TECHNOLOGY BASED ON EXPERIENCE

At BIEGEMASTER, development is led by experts with hands-on experience in bending processes. In-house design, development, and manufacturing are closely intertwined – with the goal of creating products that function reliably in everyday use.

Our machines are not designed based on theory, but rather on real-world requirements. Each function is developed with usability, reliability, and durability in mind. This results in bending machines that structure processes, simplify workflows, and increase productivity.

TECHNOLOGY WITH ADDED VALUE
Features that deliver real productivity benefits

DURABILITY AS STANDARD
Machines that deliver impressive performance for decades

DEVELOPMENT WITH INNOVATION
Practical and solution-oriented

BM S-BEND

THE NEW SERIES

TOUGH AS NAILS. PRECISE AND CONTROLLED IN EVERY DETAIL.

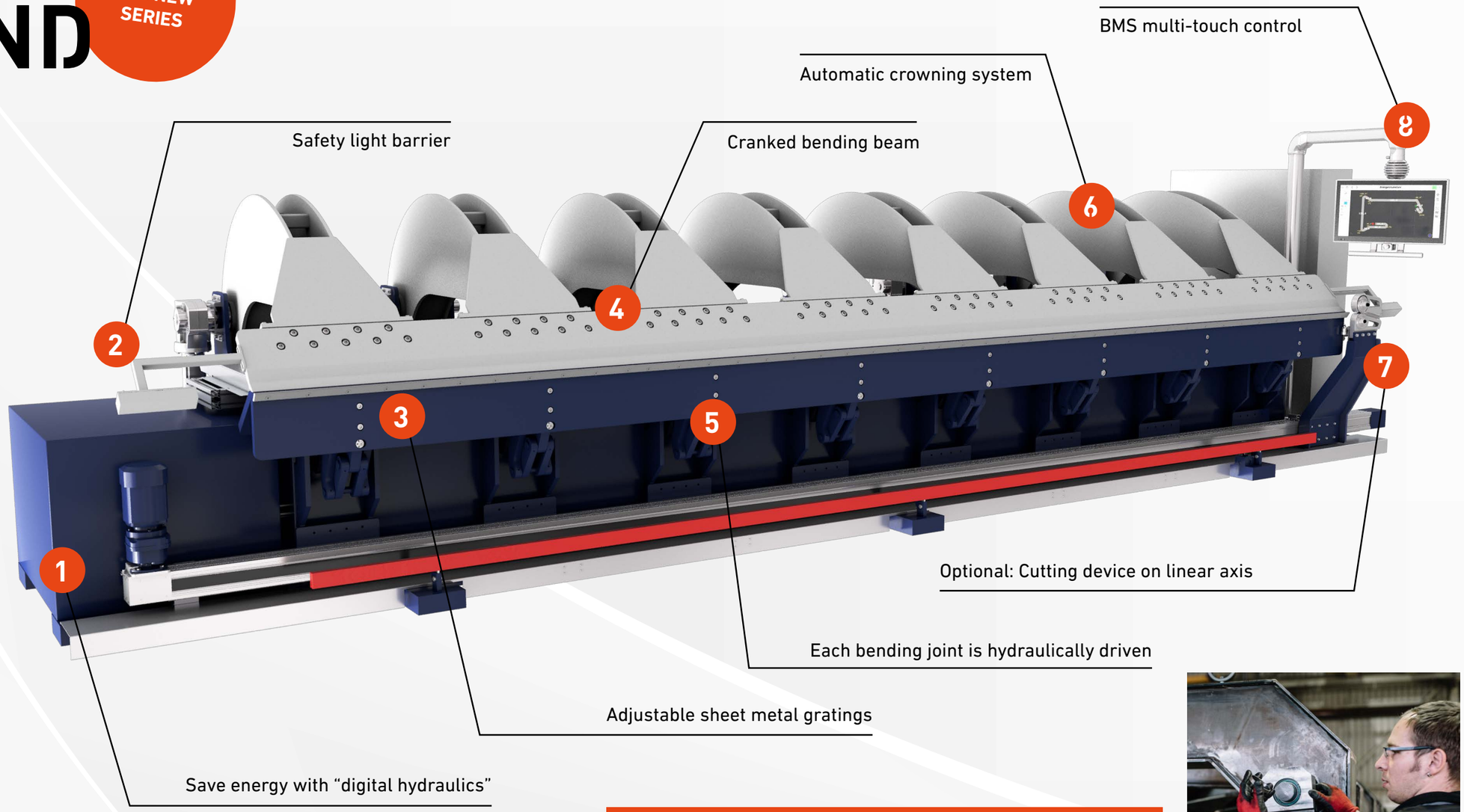
POWERFUL BENDING
High bending performance

ENERGY–EFFICIENT
Up to 50% energy savings with “digital hydraulics”

HIGH PROFILE DIVERSITY
Cranked bending beam for H-shaped, trapezoidal, and Z-shaped profiles

The new S-BEND series is a hydraulic bending machine for heavy-duty tasks. It offers not only outstanding uniform force distribution with a bending capacity of up to 3 mm steel and 4 mm aluminum, but also high precision and reliable results – even with large bending lengths.

Hydraulically driven bending joints, a rigid machine construction, and precise clamping-beam geometry ensure clean bends and reproducible results in daily use.



FEATURES OF THE S-BEND SERIES

- High power, consistent results
- Wide variety of profiles thanks to the cranked bending jaw
- Solid technology for continuous daily use
- Automatic crowning system

HYDRAULICALLY DRIVEN BENDING JOINTS
Each stand/clamping arm unit is powered by a powerful hydraulic drive. The sturdy machine design ensures even distribution of the bending force.

PRECISE CLAMPING BEAM GEOMETRY
The millimeter-precise control of the clamping beam enables clean folds and exact bending over bending lengths of 3–12 meters.

PRECISE POSITIONING
Computer-controlled back-gauge fingers ensure consistent alignment of the sheets. The sheets are then ergonomically fixed in place using a footswitch.

SOLID CUTTING DEVICE
Optionally available in an electric version. The cutter attached to the machine body operates with a maintenance-free timing belt and exerts no force on the bending beam.

ENERGY-EFFICIENT OPERATION
“Digital hydraulics” ensure that power is provided as needed and energy consumption is reduced.

BM S-BEND	
Available lengths	3-12 m
Bending capacity	up to 3 mm steel and 4 mm aluminum (steel400N/mm^2)
Back gauge	Slider, computer-operated
Bending directions	1
Cutting device	Optional available
Driven bending joints	Depending on the length, all bending joints are hydraulic
Control	BMS multi-touch control system
Clamp jaw adjustment	available as an option
Energy-efficient	50% energy savings through ‘digital hydraulics



Technical data and detailed information are available on our website.

Your contact for questions about the S-BEND series:

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GOOD TOOLS – LESS WORK

Quality shows in daily use. BIEGEMASTER develops machines with a clear goal in mind: Precise bending results, high process reliability, and dependable performance for many years to come.

Each component is designed to ensure an optimal bending process – even under demanding conditions. Robust construction, well-thought-out details, and precise calibration guarantee reliable results. **In short: Technology that works – day in and out.**

RELIABILITY IN OPERATION
Solid design for decades of daily use

INTEGRATED COMPONENTS
Intelligent design and workmanship

SAFE PROCESS
Reliable results even with complex tasks

BM BENDTRON

BEND ELECTRICALLY.
QUIETLY. PRECISE. FAST. EFFICIENT.

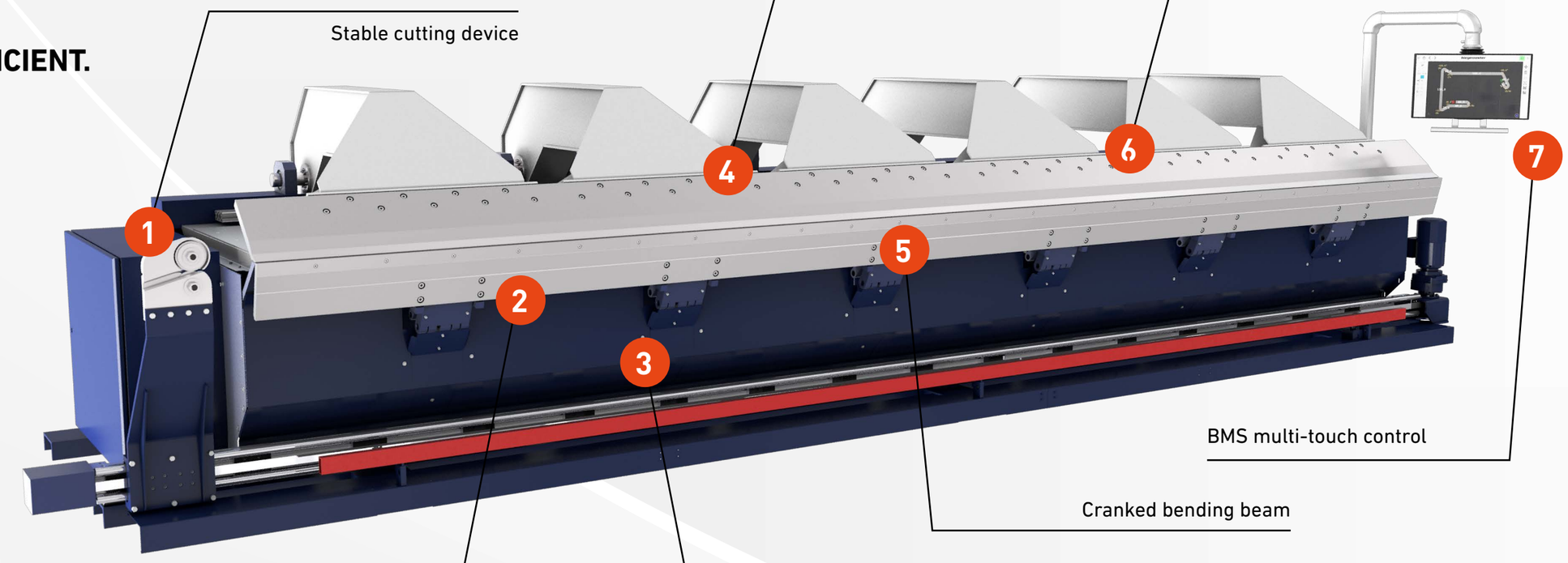
FULLY ELECTRIC DRIVEN
Quiet operation and smooth bending movements

HIGH PRECISION
Millimeter-precise clamping beam control for perfect folds through controlled pressing

HIGH FLEXIBILITY
Thanks to cranked and angled bending beams and optimized clamping beam geometry

The BENDTRON is the fully electric further development in the Biegemaster portfolio. All bending joints are electrokinematically driven. This enables exceptionally quiet, smooth, and energy-efficient operation while maintaining maximum precision.

The BENDTRON is suitable for users who expect controlled bending with high repeat accuracy and who value smooth machine operation and low energy consumption. The precise clamping beam control ensures clean folds and exact bending – even with difficult profiles.



FEATURES OF THE BENDTRON SERIES

- Electrokinematically driven bending joints
- High power savings thanks to torque drive
- Very smooth and precise machine operation
- Ideal for precise profiles and consistent results

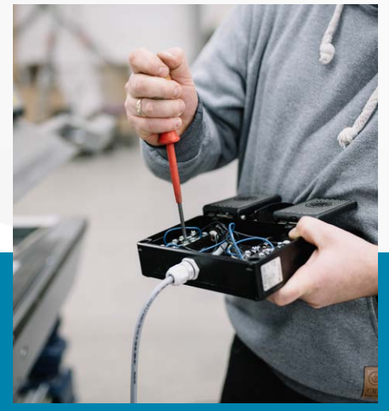
SHAFT-CONTROLLED BENDING
Each stand/clamping arm unit is equipped with an electrokinematically driven bending joint that is driven by a shaft over the entire length. The sturdy and rigid construction results in consistent bending across the entire length.

COMPLEX BENDING PARTS
For perfect folds, the clamping beam can be controlled precisely and accurately down to the millimeter. All common profiles with bending lengths from 4 to 12 meters and material thicknesses up to 1.5 mm steel sheet can be bent to exact specifications.

PRECISE POSITIONING
Computer-controlled back-gauge fingers enable simple and precise positioning of the sheets. A footswitch is used to clamp the sheet metal for cutting or bending.

SOLID CUTTING DEVICE
Electric version. As it is mounted on the machine body, the bending beam is free of interfering contours and forces. The drive is provided by a maintenance-free timing belt.

BM BENDTRON	
Available lengths	4-12 m
Bending capacity	1,5 mm (steel 400N/mm²)
Back gauge	Slider, computer-operated
Bending directions	1
Shear	Electrical cutter optionally available
Driven bending joints	All joints electro-kinematic
Control system	BMS multi-touch control system



Technical data and detailed information are available on our website.

Your contact for questions about the BENDTRON series:

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INDIVIDUAL AND TAILOR-MADE

Bending machines that adapt to your operation.

Whether short or long working lengths, confined spaces, or special requirements for materials and automation: The features and functions are specifically tailored to the needs of your operation. This means that each machine can be optimally integrated into existing processes – technically sound and economically well thought out.

Using proven designs as the foundation, we don't just make standard products.
We make bending systems that are tailored to your operations and work reliably in everyday use.
A real BIEGEMASTER.

CUSTOMIZED CONFIGURATION
Features and functions tailored to your needs

INDIVIDUAL WORKING LENGTHS
Suitable for available space, applications, and conditions

PROVEN DESIGN
Reliable technology as the basis for every individual solution

BM DURA

PROVEN BENDING TECHNOLOGY FOR EVERYDAY USE

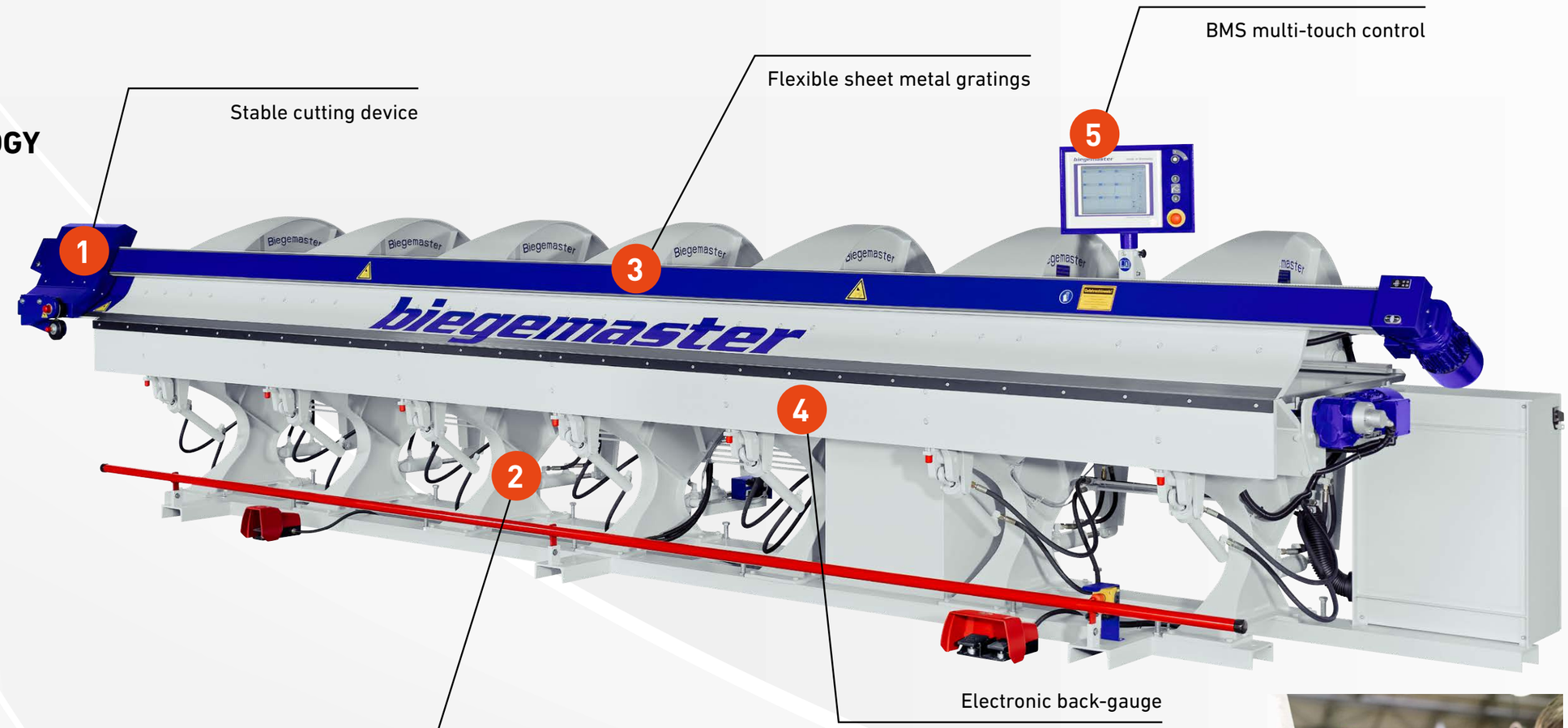
VERSATILE
For roof, wall, and facade profiles over long lengths

SOLID TECHNOLOGY
Hydraulic drive for consistent bending performance

EASY TO USE
Clear structure and intuitive operation

The BIEGEMASTER DURA is a versatile bending machine for craftsmen and industrial companies looking for a reliable solution for a wide range of applications. It covers a broad range of uses and offers impressive features such as robust technology, simple handling, and consistent results.

Hydraulically driven bending joints, a stable construction, and flexible equipment options make the DURA a reliable tool for everyday use – from individual parts to series production.



FEATURES OF THE DURA SERIES

- Proven technology for everyday professional use
- Wide range of applications from 3–15 m
- Optional clamping beam adjustment for different sheet thicknesses
- Hydraulic bending in one direction

HYDRAULIC BENDING
Each stand/clamping arm unit has a hydraulically driven bending joint. The sturdy and rigid construction results in consistent bending across the entire length.

HYDRAULIC CLAMPING BEAM ADJUSTMENT
The Biegemaster Dura is optionally equipped with a hydraulic clamping beam adjustment to compensate for different sheet thicknesses. The manually adjustable clamping beam preload serves to reduce overbending on short lengths.

SOLID CUTTING DEVICE
Electric version. As it is mounted on the clamping jaw, the bending beam is free of interfering contours and forces. The drive is provided by a maintenance-free timing belt.

PRECISE POSITIONING
Computer-controlled stops enable automatic and precise positioning of the sheets. The sheets are then clamped in place with a footswitch for cutting or bending.

BM DURA	
Available lengths	3-15 m
Bending capacity	1,25-3 mm (steel 400N/mm²)
Back gauge	Optional slider, computer-operated
Biegerichtungen	1
Shear	manual or electric cutter optionally available
Driven bending joints	All joints hydraulic
Control system	All control systems available
Clamping beam adjustment	Optionally available
Bending angles	Up to 150°



Technical data and detailed information are available on our website.

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70 YEARS
OF SPERR & LECHNER

WE HAVE A PASSION FOR MECHANICAL ENGINEERING

PROFESSIONAL. INNOVATIVE. FAMILY-OWNED.

Sperr & Lechner GmbH & Co. KG has been synonymous with mechanical engineering, carried out with responsibility, expertise, and genuine passion since 1955. We strive to provide our customers with reliable and powerful solutions.

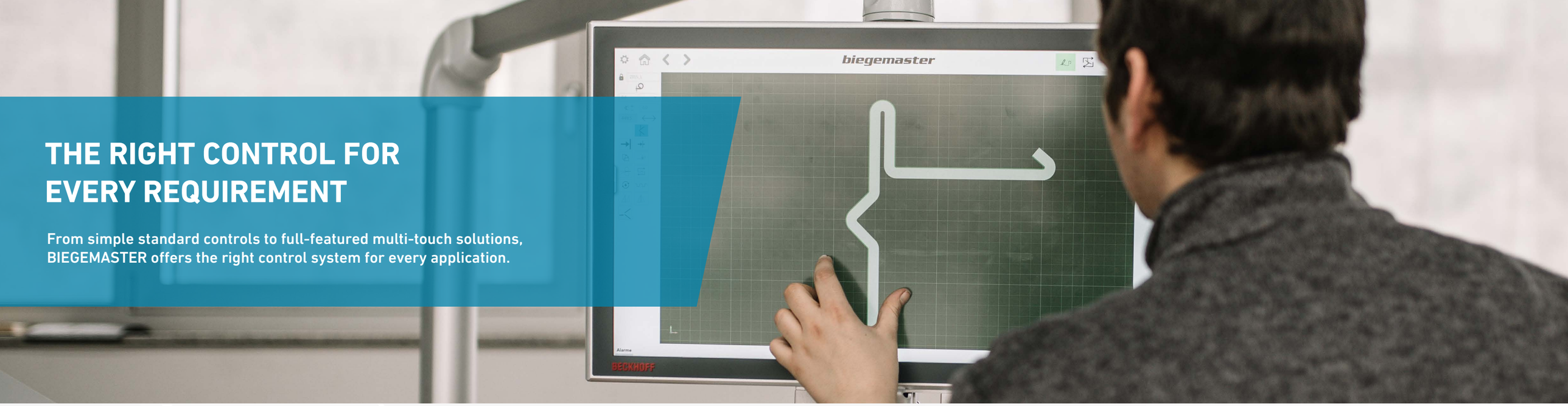
Today, Bettina and Mark Wirth are leading the company in the third generation.
Our objective remains: To design machines that offer quality and provide reliable solutions for smooth everyday operations.

CONTINUITY & RESPONSIBILITY
Family business for three generations

TECHNOLOGY WITH HIGH STANDARDS
Quality that proves its worth in daily use

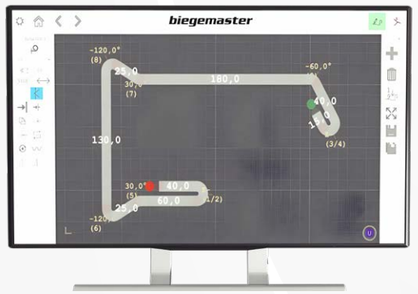
INNOVATION CULTURE
Further development with a focus on what matters most





THE RIGHT CONTROL FOR EVERY REQUIREMENT

From simple standard controls to full-featured multi-touch solutions, BIEGEMASTER offers the right control system for every application.



BMS multi-touch control

Intuitive operation, graphical simulation, and profile management. Ideal for all profiles and efficient work preparation.

The BMS multi-touch control enables intuitive touchscreen operation. This allows new profiles to be created quickly by simply drawing on the touchscreen.

The control can access stored profiles. Automatic bending sequence calculations with graphical simulation and display round off this jack of all trades. For highly efficient work preparation, profiles can be easily created in advance using our software at the office workstation and then transferred to the machine. With the BMS multi-touch control, even inexperienced users can create profiles in no time.

Using a remote maintenance function, BIEGEMASTER can offer BMS multi-touch users support in creating profiles or reading out parameters for subsequent analysis.
Electronic back-gauge included.

Available for: All models



BMS 150 / BMS 100 control

Programmable PLC control with electronic depth stop for recurring profiles.

The programmable PLC control BMS 150 can store up to 100 profiles, each with up to 10 angles and corresponding depth stop positions. The tabular overview is displayed on a 10" touchscreen.

The depth stop is driven electronically via timing belts and has several stop fingers. The fingers are continuously adjustable over the entire length of the machine.

Available for Dura

BMS 100
Same as the BMS 150, but without a back-gauge.

Available for Dura



BMS 10

Reduced version for simple applications

With the BMS 10 programmable control, up to 10 bending angles can be programmed for the profile. Tabular overview on a 7" screen.

Available for Dura



Standard control

The classic functional control for simple profiles and occasional bending. The bending angle is preset by rotary indicators. After bending, the clamping beam opens automatically. Opening heights are infinitely adjustable.

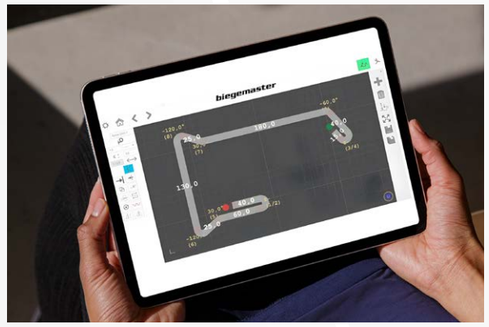
Available for Dura



EXTRAS & EXTENSIONS

More options for your bending process.

BIEGEMASTER offers practical extras and extensions that allow machines to be flexibly adapted to different applications and processes.



FROM THE TABLET TO THE MACHINE

With the BIEGEMASTER software, profiles can be created on the go on a tablet and then transferred directly to the machine. This makes it easier to prepare for work and allows you to work flexibly. Even right on the construction site or on the road.

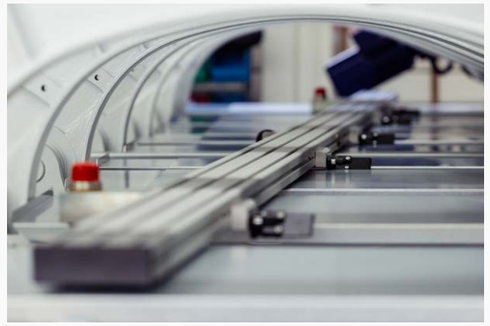
Available for: All BMS multi-touch controls



AUTOMATIC GRIPPER SYSTEM

The automatically controlled grippers fix and position the sheet metal throughout the entire bending process. This means no manual interventions, higher process safety, and reproducible results – especially with series production.

Available for: XBEND



CONICAL BACK-GAUGE

The conical back-gauge enables precise bending of profiles with varying depths (narrow-to-wide) and conical edge parts. This allows the metal sheets to be easily plugged together during assembly on the construction site. An integrated laser line indicates the exact position of the sheet metal and supports the millimeter-accurate placement of the cut pieces.

Available for: All models



INSERTION DEPTH OF 1,250 MM

For long and large-format cuts, BIEGEMASTER machines can be equipped with an extended insertion depth of up to 1,250 mm. This makes processing large strips easier.

Available for: XBEND, S-BEND, BENDTRON



AUTOMATIC CLAMPING BEAM ADJUSTMENT

The automatic clamping beam adjustment/air gap adjustment automatically compensates for the radii when different sheet thicknesses are used. This ensures that the bending accuracy remains constant for thick sheets, even with changing materials and material thicknesses.

Available for: XBEND, S-BEND, DURA



SHEET METAL-FRIENDLY SUPPORT

Polyethylene pads protect sensitive, painted, or coated sheet metal from scratches and damage. This allows even sensitive materials to be processed safely and gently.

Available for: XBEND and BENDTRON



OUR BENDING MACHINES AT A GLANCE

Which bending master suits you and your requirements?



BM XBEND

POWERFUL AND PRECISE BENDING IN BOTH DIRECTIONS

- Fully automatic bending in both directions – no turning or rotating required
- High power, consistent results
- Wide variety of profiles thanks to the cranked bending beam
- Solid technology for continuous daily use



BM S-BEND

THE NEW SERIES

UNCOMPROMISING POWER

- High power, consistent results
- Wide variety of profiles thanks to the cranked bending beam
- Solid technology for continuous daily use
- Automatic crowning system



BM BENDTRON

ELECTRIC BENDING – QUIET, PRECISE & EFFICIENT.

- Electrokinematically driven bending joints
- High precision thanks to cranked and angled bending beams and optimized clamping beam geometry
- Very smooth and precise machine operation



BM DURA

VERSATILE – ROBUST AND RELIABLE

- Proven technology for everyday professional use
- Wide range of applications from 3–15 m
- Optional clamping beam adjustment for different sheet thicknesses
- Hydraulic bending in one direction

SERVICE & CONSULTING

BIEGEMASTER machines are built for many years of use. That is why we support our customers far beyond the initial purchase. From consulting to service, we assist our users with experience, technical expertise, and rapid response times.

Whether selecting the right machine, commissioning, maintenance, or spare parts: Our service is clearly structured, easily accessible, and based on real-world requirements, so that your machine operates reliably and to prevent downtime.

Do you have any questions? We are happy to assist you.

Service & buying advice:
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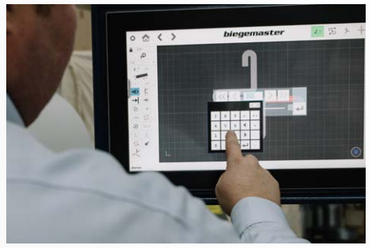
BUYING ADVICE

We offer you personal, practical advice based on your applications, processes, and spatial conditions. Together, we can find the machine that really fits your business.



FAST SERVICE

You can count on your Biegemaster machine. And should support ever be required, most problems can be resolved via remote maintenance. Our service team provides quick solutions with short response times.



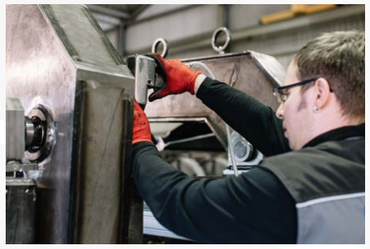
TRAINING / INSTRUCTIONS

After installation, we will provide structured training for your employees. The goal is to operate your machine safely and efficiently and get production up and running quickly.



SPARE PARTS

A critical machine needs parts fast when it matters most. This is why we keep spare parts readily available and ensure short delivery routes to minimize potential downtime.



MAINTENANCE / REPAIR

We are also available to support you during ongoing operations. Whether maintenance, repair, or technical questions – our service department provides reliable and solution-oriented support. Even on-site if necessary.



USED MACHINES

In addition to new machines, we also offer refurbished and modernized used machines. An economical alternative with proven technology and reliable performance.

Ihr Partner für neue und gebrauchte Blechbearbeitungs- und Werkzeugmaschinen

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