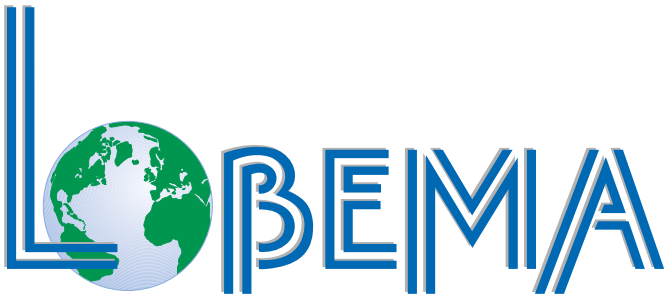


You can’t go wrong with LOBEMA!

## Quality through:

Specific know-how

Solid construction

Innovation

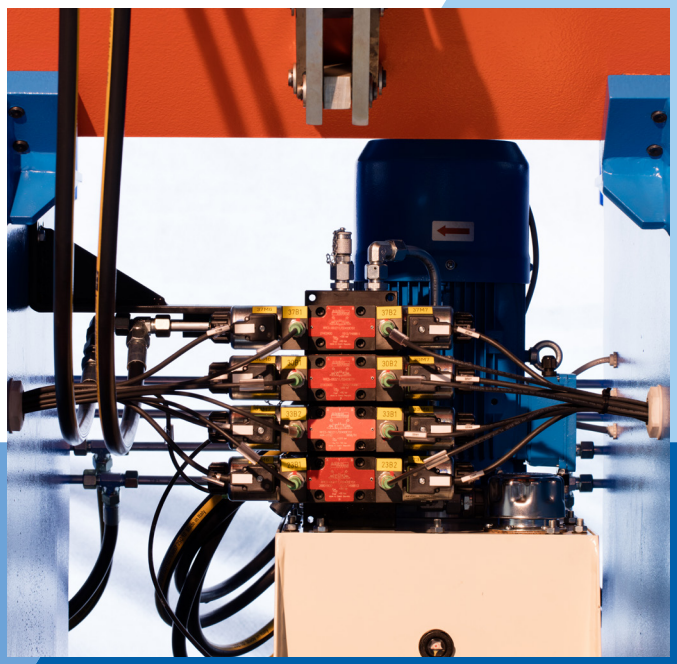
## LOBEMA Strong

# LOBEMA Machines

## LOBEMA Strong

The LOBEMA Strong is the flagship of LOBEMA's product range and owes its high popularity to the high quality and the simple operation.
The modular system with many options enables you to adapt the LOBEMA Strong according to your ideas and needs. The machine, which is up to 13 m long, is state-of-the-art and processes sheet metal up to 3 mm thickness.

LOBEMA machines combine proven design with modern operating elements. They require little maintenance and are extremely reliable. An investment that pays off.



E2
E1
Muting
E3
Adjustment
Ausrichtkontrollen
AKAS®-LCF/SB

# LOBEMA Strong

## Upper and bending beam

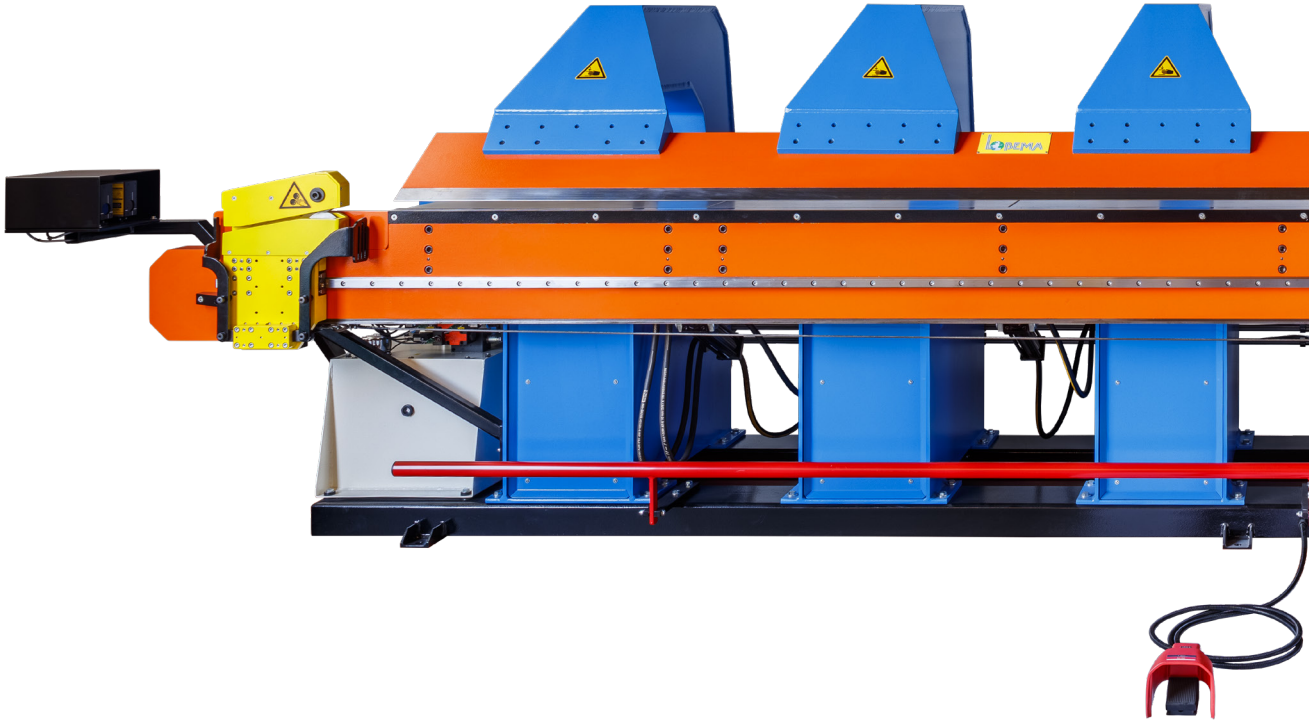
Due to the processing of strong materials, the requirements on the upper and bending beam have increased significantly.
LOBEMA Strong is made of high-quality components in order to increase the lifespan and to guarantee a high bending accuracy for a long time.

## Cutting device

The cutting device is operated hydraulically and the user is protected by the light barrier and the touch trigger.

## Steel construction

The robust construction of the stand guarantees high accuracy and durability.



## Hydraulics

Low-noise work is made possible by high-quality components.
The hydraulic unit is frequency-controlled and enables smooth and fast bending at the same time.
The hydraulic motor is switched off automatically when it comes to a standstill. This increases energy efficiency and saves costs.

## Base frame

The entire machine is built on a stable base frame, so it can also be placed on an uneven ground without any loss of accuracy.

## Foot pedal

1 man and 2 man foot pedal for a high level of safety and free hands in every position in front of the machine.

## Attachment rail

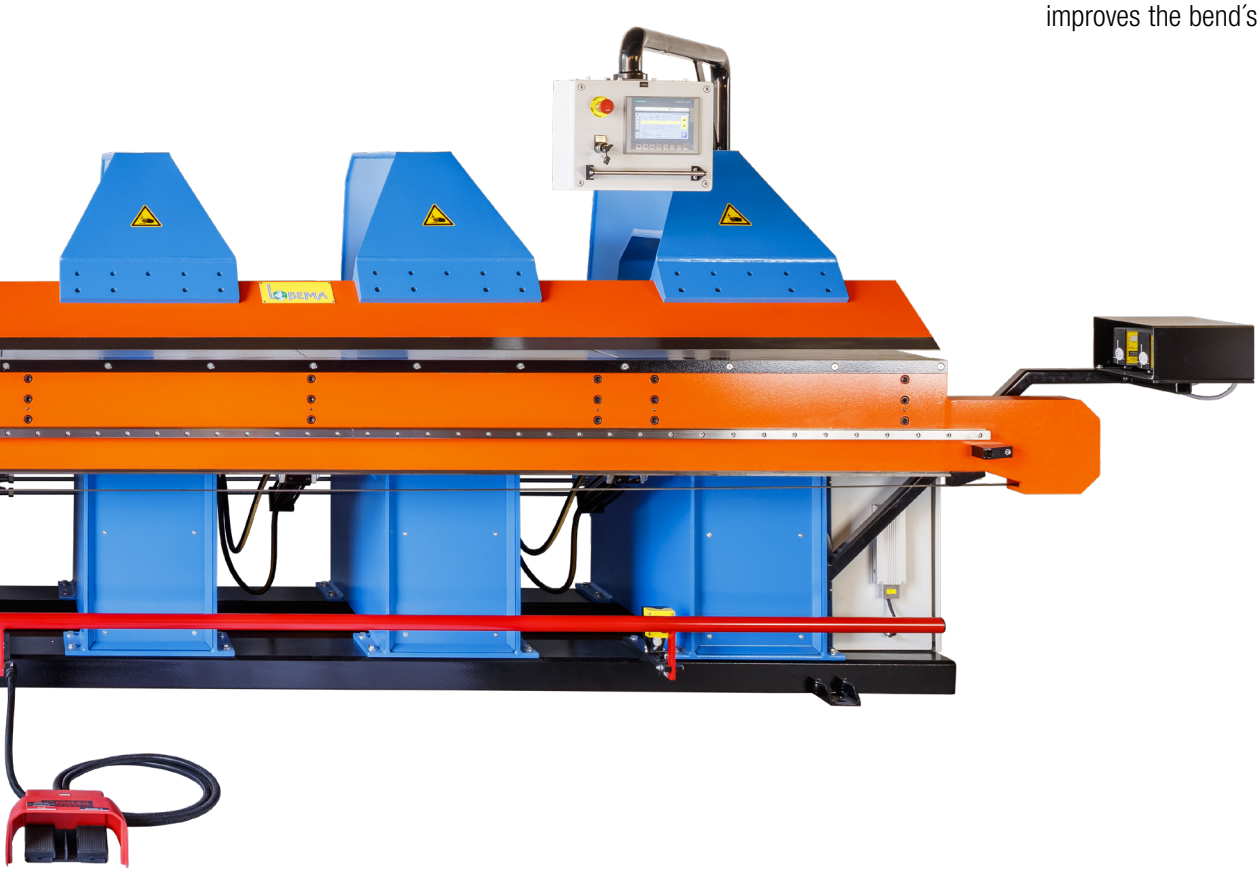
The attachment rail increases the precision if thick sheets have to be processed. It can be removed for more bending freedom.

## Control system

LOBEMA control systems are both, simple to understand and easy to handle. Programmable PLC to meet all customer needs.

## Sheet-thickness adjustment

By adjusting the sheet thickness, the distance between the pressing cheek and the bending cheek is set. This leads to an optimal bending radius and improves the bend´s accuracy.



## Safety equipment

The safety equipment is state-of-the-art. Two light barriers are installed for anti-trap protection.
One light barrier secures the pressing cheek and another the cutting carriage. The machine can be switched off any time and in any position by use of the kick bar.

## Kick bar

The kick bar runs across the entire work surface and allows the machine to be switched off quickly if necessary.

## Light barriers

The light barriers have been specially developed for this machine. Thanks to a very small scatter they are reliable even with reflective metal sheets.

# LOBEMA Strong equipment

## Sheet-thickness adjustment

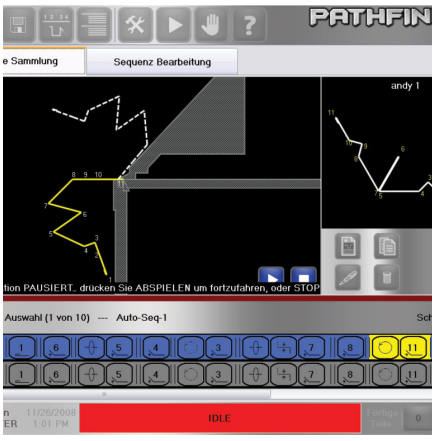
Sheet thickness adjustment for an optimal bending radius for all sheet thicknesses.

## Cutting device

Hydraulically-operated cutting device

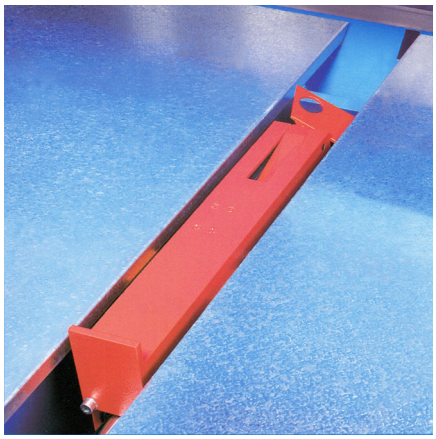
## Control system

Siemens touch panel:
Easy manual bends as well
Bending of programmable profiles.
Pathfinder graphics control:
Draw the development directly on the screen.



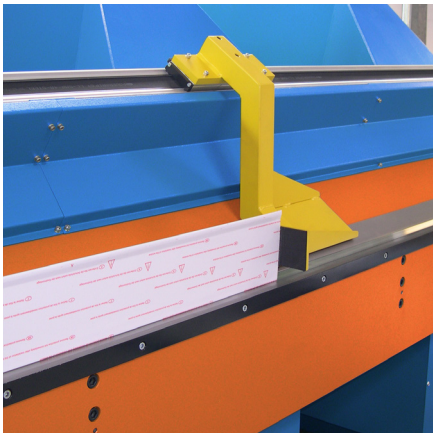
## Back gauge

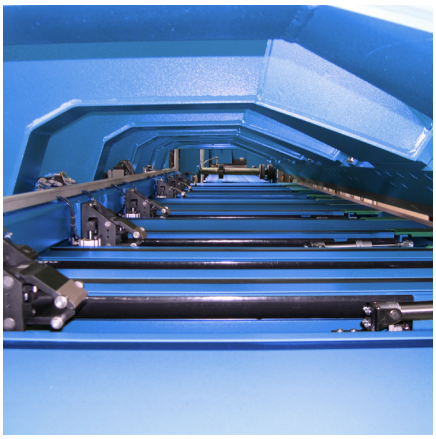
Guide rails with ruler over the entire length of the machine.
Finger for a quick changeover over a large travel distance.
Pneumatic clamps for fully automatic bending.



## Ejector and conveyor track

For integration into an automated production line.





## Remote module

The remote maintenance module enables malfunctions to be localized quickly and efficiently via remote access. Downtime can be significantly reduced and, if necessary, on-site service can be avoided.

# Contact:

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