

# VARIOBEND

ASCO machines

V2.5  
ASCO machines



Equipment options Variobend V2.5

VIRTUAL SALES TOUR

# VARIOBEND Up and down folder V2.5

## BASIC EQUIPMENT

### Variobend 2:1 geometry

The new geometry of the V2.5 with a clearance of 300 degrees ensures even more variety in profile production. It enables profiles with an aspect ratio of 2:1 to be produced without any problems.



[Link to video](#)

### Variobend E-Drive technology

Unique and unprecedented - a proven bending concept meets the latest electric and drive technology. The new Variobend V 2.5 is 100 % electric.

#### Energy efficiency

The modern E-Drive drives of the Variobend V2.5 ensure a significant reduction in power consumption.



[Link to video](#)

### Variobend 3D Software

From sketch to bending program faster than ever before.

The Variobend V-Touch is a unique software that combines efficiency and user-friendliness in an unprecedented ratio.

The standard Variobend Touch control system impresses with its user-friendliness and clearly structured layout. Any number of profiles and folders can be created in the profile management. These can be moved, copied or exported with a simple touch. Functions such as conical bending or interlocking of profiles as well as bending simulation are standard. The modern 21.5" flat screen in HD resolution enables optimum input and display.



[Link to video](#)

### Variobend V2.5 Base frame

Excellent bending results are achieved thanks to the extremely high basic rigidity of the machine frame.



[Link to video](#)

### Cutting device with automatic gap and overlap adjustment

The new generation of the Variobend cutting device is characterized by its automation. This is the first cutting unit that adjusts itself fully automatically to the selected material.



[Link to video](#)

### Conical Back gauge system

Interlocking of profiles.

Multipart taper, easy assembly on site Max. Conicity +/- 120 mm over 6 meters



[Link to video](#)

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## BASIC EQUIPMENT

### Hardox steel clamping and bending beam

The clamping and bending beams are made of high-strength Hardox. This ensures the best bending results for the life of the machine. Unwanted marks in the material are therefore invisible. They can also be easily repaired after damage.



[Link to video](#)

### Retractable work tables

The automatic loading table simplifies loading and unloading handling and thus ensures an efficient production process. Long sheets can be quickly and easily loaded into the machine and removed after bending with just one operator.



[Link to video](#)

### Insertion depth of 1,250 mm

The insertion depth of 1,250 mm is included as standard.



[Link to video](#)

### Automatic crowning using servo technology

Each individual stand can be positioned separately using ball screws and the latest servo technology. With the help of crowning, you can achieve extremely precise bending results over the entire working length. The crowning can be programmed easily and precisely using the Variobend Touch Control.



[Link to video](#)

### Variobend moveable L-Shape

An additional safety fence is included for all machines with gripper automatic. With this option, it is possible to move this fence backwards to gain additional space in front of the machine.



[Link to video](#)

### Variobend gripper system (basic set)

When working with gripper grippers, the production process is further automated, further increasing the productivity and precision of the flashings. With the optionally available different opening circuits, several profiles can be produced at the same time by just one operator and removed individually. The newly developed gripper system of the V2.5 achieves a minimum gripper dimension of 18 mm and an overgrip height of 38 mm for existing bends. If the minimum gripper dimension is not reached, the stop fingers are automatically activated. With the new optional double gripper, short flashings can also be produced automatically. Additional grippers can be added on request to meet individual customer requirements.



[Link to video](#)

Number of grippers: 4 meters|3 pieces; 6 meters|4 pieces,  
8 meters|5 pieces, 10 meters|6 pieces  
Minimum gripper dimension: 20 mm  
Overgrip height: 38 mm

## BASIC EQUIPMENT

### **Variobend V2.5 DPR system**

The newly introduced DPR (Dynamic Pressure Regulation) system allows the clamping pressure on each upright to be set individually. This feature guarantees perfectly opened envelopes over the entire working length. This system is also used for crowning. Different clamping pressures can be used to correct the bending angles.



**Link to video**

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## OPTIONAL EQUIPMENT

### Variobend additional gripper (double gripper)

Minimum gripper dimension: 20 mm  
Overgrip height: 38 mm



[Link to video](#)

### Variobend Additional gripper opening circuit

With this function, grippers can be opened separately as a group.  
This means that work can be carried out efficiently by only one operator.



[Link to video](#)

### Rear protective fence

The fence supplied as standard includes side protection for the machine. If the machine is to be positioned freely in the room, the rear protective fence option must also be ordered.

### Variobend digital package

The newly introduced digital package from Variobend offers you the best possible networking of your machine.

- Incl. PDF export with square meters and weights of the folded parts
- Incl. DXF import on the Variobend
- Incl. DWG import on the Variobend
- Incl. barcode reader
- Incl. interface for third-party software such as Bendex, NuIT or Sema
- Incl. XML interface for integration into ERP systems or other software
- Incl. 3 annual licenses for the Variobend app
- ASCO production software ready



[Link to video](#)

### Variobend remote control

Work even more flexibly with the Variobend remote control. With the new remote control, a wide range of commands can be executed quickly and easily using a remote control. The remote control, which can be assigned seven buttons, allows you to start the automatic gripper system and close and open the grippers. If additional gripper opening circuits have been ordered, these can also be opened separately using the remote control (max. 3 opening circuits possible). The remote control also stops the automatic system. The remote control is based on the latest safety technology and therefore complies with CE regulations and ensures safe operation.



[Link to video](#)

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## OPTIONAL EQUIPMENT

### Variobend roll former

Maximum roll forming performance:  
0.8 mm steel (400 N/mm<sup>2</sup>) | 1.0 mm aluminum (190 N/mm<sup>2</sup>) | 0.5 mm  
stainless steel (600 N/mm<sup>2</sup>) Smallest possible side length  
A: 45 - 60 mm | B: 25 - 32 mm

### Variobend special paint finish

The machine can be painted in a special color on request. Please note that only the existing standard colors (blue and grey) can be replaced by desired colors in the same division. Multiple painting is not possible.

### Control panel on rollable stand base

Another option for more flexibility is the operator console on a rollable stand. Connected with a cable, this console can then be positioned anywhere on the machine. The boom holder is included as standard.

### Extended parts warranty of 12 months

The 12-month full warranty included as standard can be optionally extended by a further twelve months.

### Variobend API interface

With the newly developed API networking, it is possible to integrate the machine effortlessly into merchandise management systems.

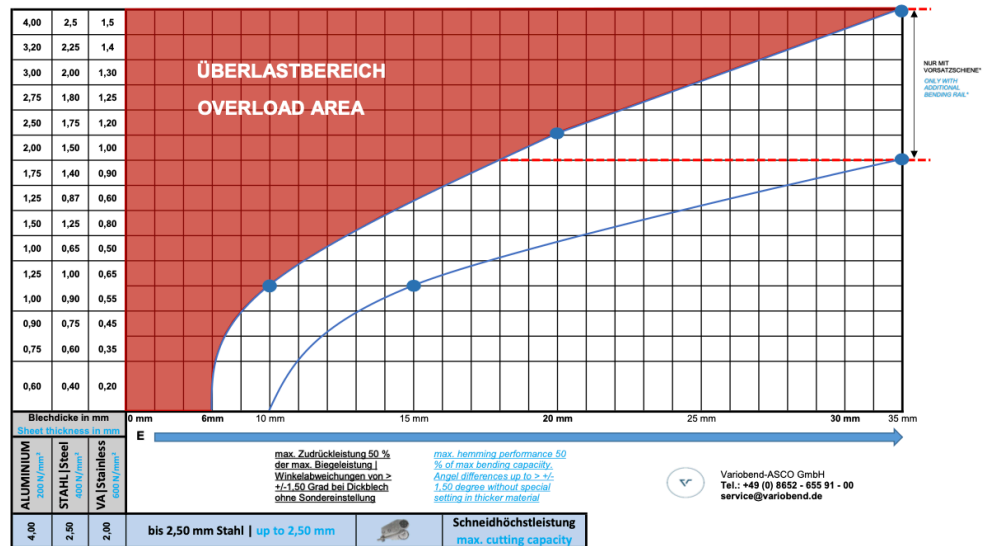
# VARIOBEND

## Up and down folder V2.5

### Performance Diagramm for Variobend V2.5

Leistungsdiagramm | Performance diagram  
VARIOBEND V2.5 | VARIOBEND V2.5

VARIOBEND



## TECHNICAL DATA

### Do you have any questions?

We are happy to help you.  
 Please contact us or the relevant specialist dealer!  
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