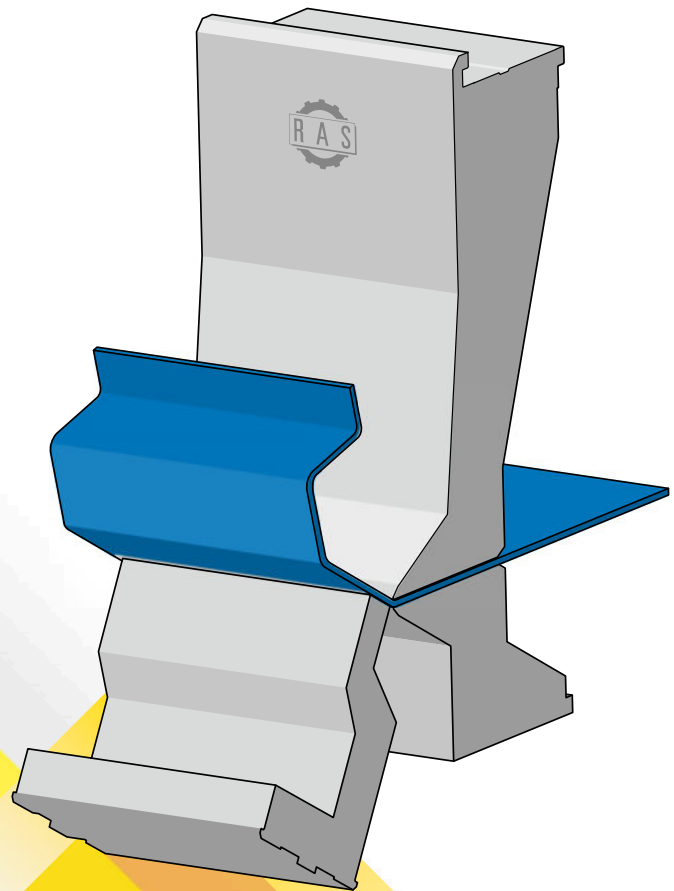
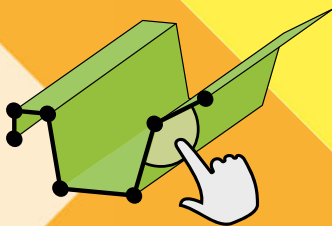
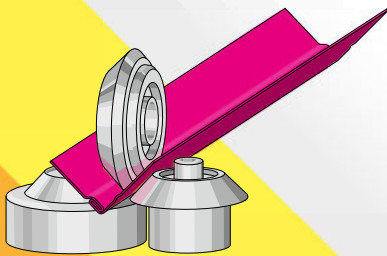
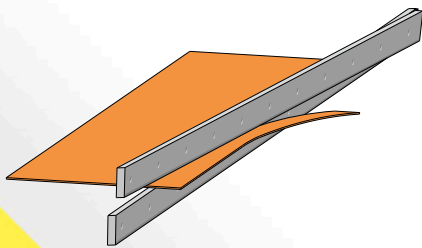


INNOVATION  
MADE IN GERMANY



RAS REINHARDT MASCHINENBAU GMBH

# Production Program



[WWW.RAS-ONLINE.DE](http://WWW.RAS-ONLINE.DE)

## Bending

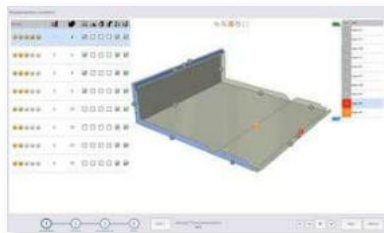
### FOLDING MACHINES

# XLTbend



For those who want to form complex precision sheet metal parts like cassettes, panels, and boxes profitably even in small batches, the XLTbend is a perfect fit. The XLTbend is an incredibly flexible UpDown folding machine. The revolutionary Bendex software for automatic programming of the bending sequence, front and rear operating options, ViN laser loading assistance, as well as the hybrid gauging system are outstanding features of the XLT series.

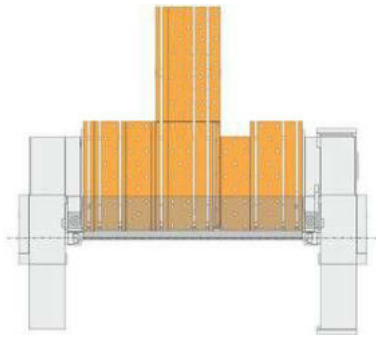
An impressively flexible UpDown folding machine



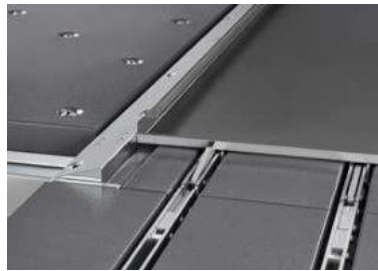
The Bendex software can import the part geometry as a STEP, dxf or geo file. The software automatically programs possible bending sequences and evaluates them with a 5-star ranking.



The 3D simulation shows the folding sequence and possible collisions. New products can be evaluated during the design process.



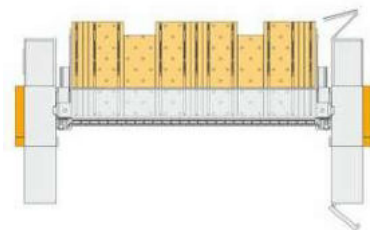
Machine with center extended T shape gauging system.



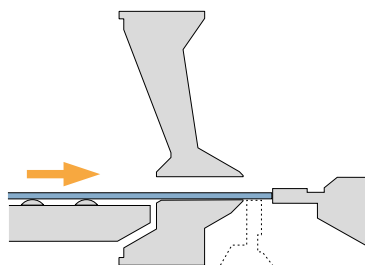
Accurate alignment of long and narrow parts with the active squaring arm.



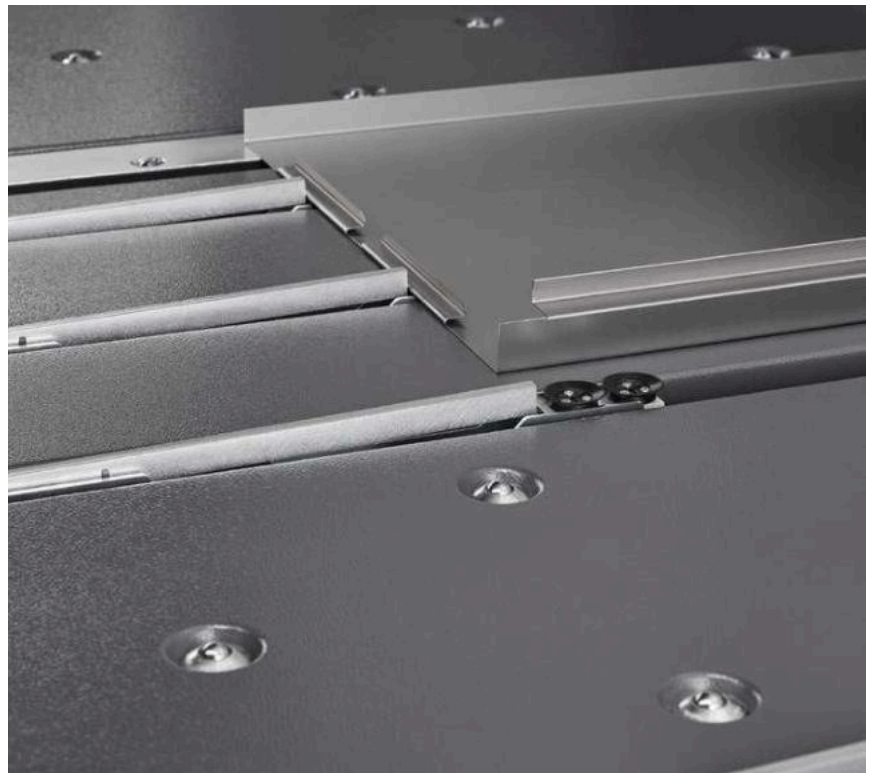
If the outside edges of the blank are not straight, individual stop fingers can be deactivated.



Machine with rectangular gauging system.



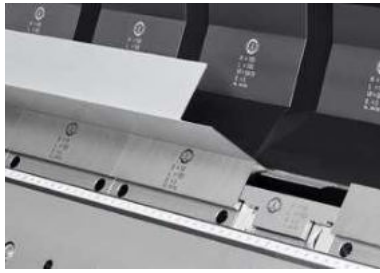
Extended flexibility, as the folding beam can be used as a stop for oblique parts.



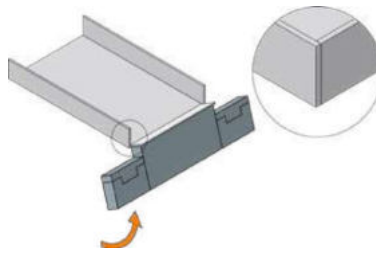
The suction cups of the hybrid gauging system hold the part through a sequence of bends to the stop fingers

## Bending

Tools up to 400mm in height and also tools with extremely large front or rear free space are available for special applications.



UpDownTools bending of interrupted bend lines without the need of a second tool setup.



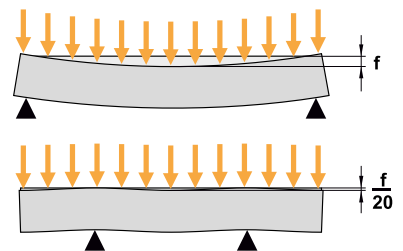
Example for the use of the DownTool for bending corners.



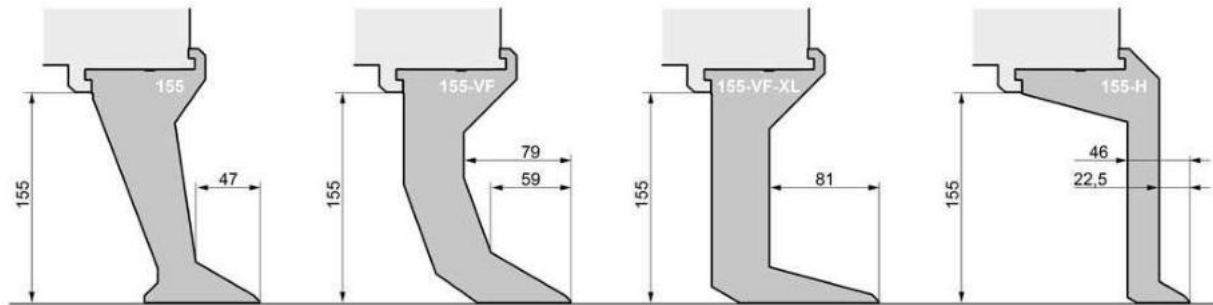
The SnapTool corner tools automatically retract from parts with side flanges.



Some materials require the use of radius tools in the upper and lower beams. Combined with folding beam tools with plastic inserts, perfect surfaces will be created.



Maximum bending accuracy due to the patented beam-in-beam folding beam design.



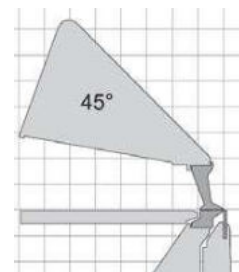
Clearance options using upper beam tools with 155mm in height as an example.



When working from the rear, the ViN also shows the blank loading position on the gauging system.



The laser beam of the Virtual Navigator (ViN) shows the exact part loading position.



The XLTbend is also available with a 45° upper beam when clearance in front of the upper beam is important.

Ideal solution for users with high demands on flexibility



XLTbend	RAS 71.30	RAS 71.40
BENDING LENGTH MAX.	3200 mm	4060 mm
SHEET THICKNESS MAX.	3.0 mm	2.5 mm



INNOVATION  
  
MADE IN GERMANY

**Bending**

**Cutting**

**Forming**

**Software**

RAS Reinhardt Maschinenbau GmbH  
Richard-Wagner-Straße 4 -10  
71065 Sindelfingen

Fon: + 49-7031-863-0  
info@ras-online.de

[WWW.RAS-ONLINE.DE](http://WWW.RAS-ONLINE.DE)