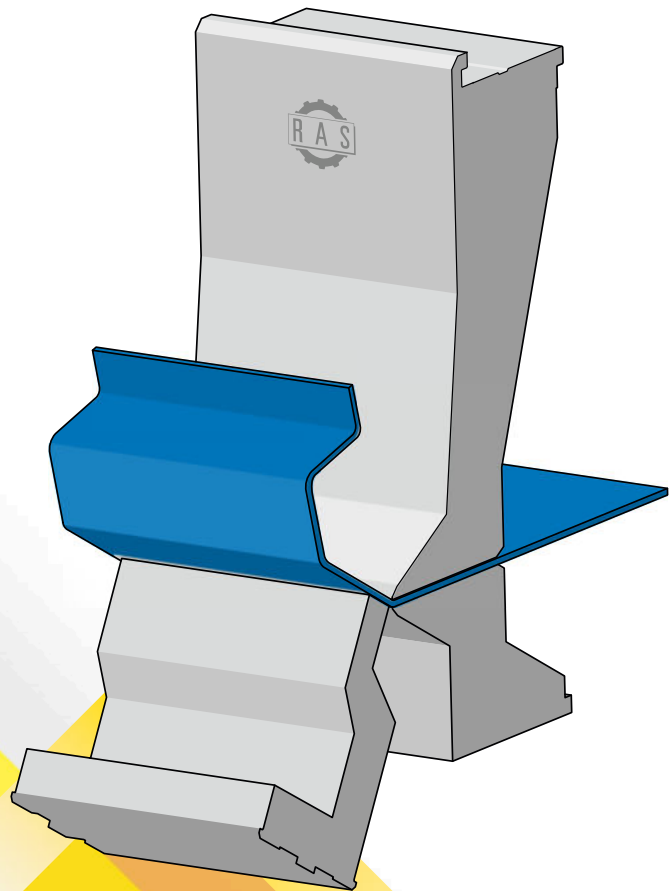
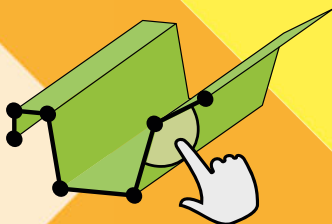
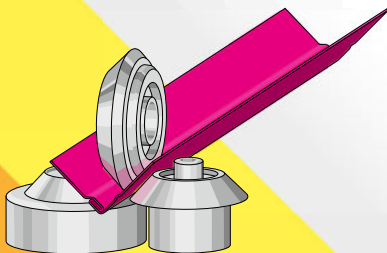
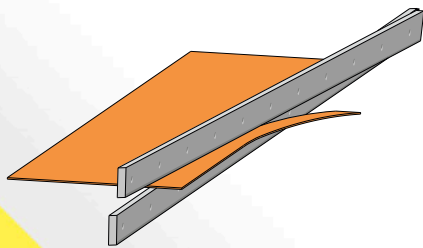


INNOVATION  
MADE IN GERMANY



RAS REINHARDT MASCHINENBAU GMBH

# Production Program



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

## Bending

### BENDING CENTERS

# UpDownCenter-2



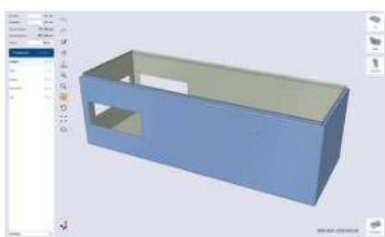
The RAS UpDownCenter-2 bends sheets up to 4 mm thick, up to 4060 mm bending length and a max. tool height of up to 600 mm.

The one-click part programming software, the automatic tool changer, the UpDownTools in the folding beam and a extremely flexible suction cup plate positioning system adds maximum efficiency.

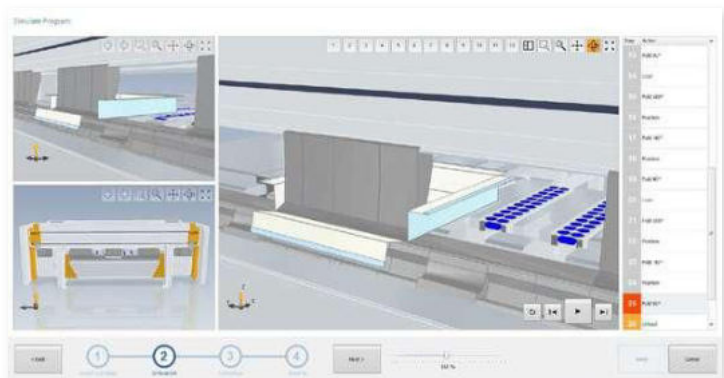
Folding technology innovations  
that result in precision parts



Upper beam tools as tall as 600 mm



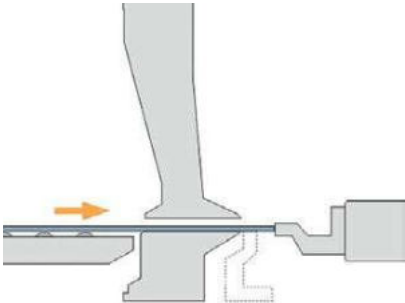
STEP file import of a part



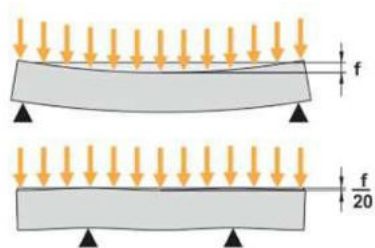
The 3D simulation shows the folding sequence and possible collisions. New products can be evaluated during the design process.



The automatic tool changer for quick tool set-ups extends production times.



Extended flexibility, as the folding beam can be used as a gauging stop.



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



Folded UpDownTools for sectional bending.



Only one set of upper cheek tools with heel to squeeze envelopes for great design flexibility. Bending of high four-sided parts.



Upper beam tools for boxes up to 600 mm tall.



Suction cups for small parts allow safe positioning of small workpieces.



High flexibility in handling due to front suction cups and small part suction cups.



UpDownCenter-2	RAS 78.33-2/30-2	RAS 78.43-2/40-2
BENDING LENGTH MAX.	3200 mm	4060 mm
SHEET THICKNESS MAX.	4.0 mm	3.0 mm
BOX HEIGHT MAX.	600 mm	600 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