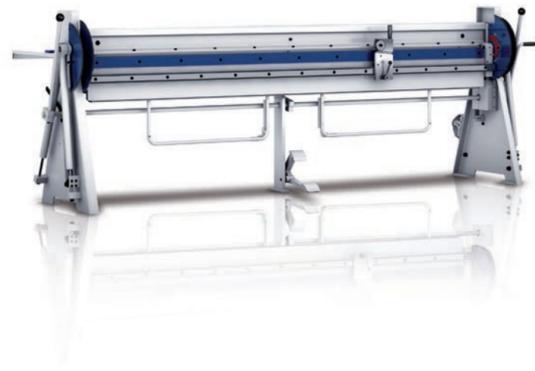


# AK – the classic workshop machine

The manual folding machine type AK is the classic workshop machine for the daily use in small and mid-sized enterprises – simply indestructible and easy to operate.



New: ergonomic working height 930 mm and optimized pedal position



The sheet support table incl. back gauge with its displaceable and removable supporting rails provides for highly variable working options.

The hand-operated folding machine AK is the perfection for everyday needs in small and medium enterprises. The manual folding machine from Schröder has been employed by plumbing, roofing, and sheet metal working firms at home and abroad for decades now.

The technically perfect and proven machine design stands for flexibility and profitability and, thanks to its maintenance and wear-free guides and machine elements, the AK is virtually indestructible in daily use.

With the extensive standard equipment, the Schröder AK is ideal for tackling any jobs that may come up.

## Basic design

- The folding beam made of universal mill plate is rigidly welded to a bending profile over the whole length.
- The clamping and bottom beams made of the S 54 special profile are break-proof and of high strength.
- The clamping beam slides on a special plastic covering, which ensures precise vertical and almost effortless operation by hand lever or pedal.
- The folding beam weight is telescopically balanced or compensated over the whole bending range.

Standard equipment AK	
Tinsmith blade 22,5°, directly screwed	
Folding blades 10 and 25 mm (for AK 3000: 15 and 25 mm)	
Bottom beam blade	
Bottom beam blade 10 mm for finger gauge	
Adjustable angle gauge	
Tool set	
Working height 930 mm	
Pedal to operate the clamping beam	

Special equipment AK	
Back gauge 10 – 500 mm or 10 – 750 mm	
Sheet support table incl. back gauge 10 – 500 mm or 10 – 750 mm	
Radius blade R2/3/4/5	
Folding blade 10 mm and 15 mm	
Cutting device incl. guide rail for max. sheet thickness 0,8 mm St37	
Profiling- and flattening device	
Pneumatic bending support	
Adjustable beading device without beading rod and twist clamp	
Beading rod 14/16/18/20 or 22 mm	
Set twist clamps	



Always tidy: Use our practical tool cart for blades, rails, and segmented tools as optional equipment.



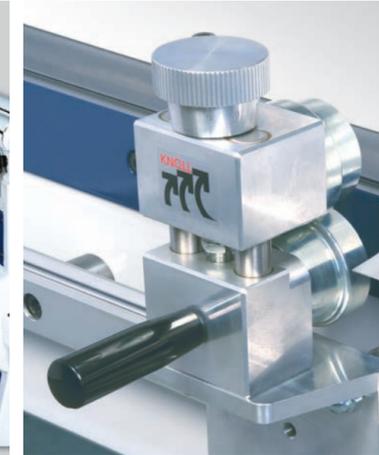
The pneumatic bending support is controlled by a finger lever on the folding beam handle. The pneumatic cylinder assists the operator in bending the piece. You only need a compressed air supply.

# Equipment options for the AK

The folding machine AK is able to fold up to 1,5 mm thick sheet metal easily by hand. Moreover this machine offers the operator various equipment options.



Adjustable beading device without beading rod and twist clamp



The profiling and flattening wheels are used to give the piece the required shape.

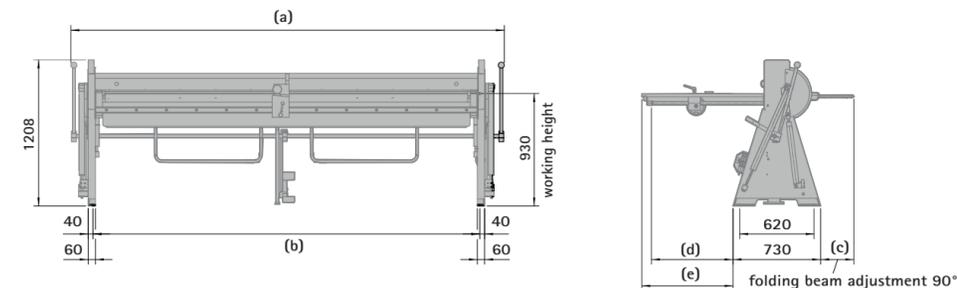
## Further basic design functions

- Angle scale for folding beam with movable angle gauge for series bends.
- Pedal with integrated center bearing for opening and closing the clamping beam. The center bearing gives additional stability to the bottom beam for hems.
- Eccentric drive for fast opening and closing and safe clamping of the parts.
- Clamping range shifted via two precision eccentric bushes integrated into the lateral frame and the center bearing.
- The clamping beam tools and bottom beam rails are fixed by guide bushings and are easy to exchange.
- The machine body is of modular design – assembly and disassembly without any problems.
- All guides and machine elements are maintenance-free and resistant to wear.

## Technical data and dimensions

AK	2,000 x 1.0	2,000 x 1.5	2,500 x 1.0	3,000 x 1.0
Working length mm	2,020	2,020	2,520	3,020
Sheet thickness (400 N/mm <sup>2</sup> )	1.0	1.5	1.0	1.0
Weight basic machine (ca.)	715 kg	840 kg	945 kg	1,060 kg
Outer dimensions				
(a)	2,610		3,110	3,610
(b)	2,222		2,722	3,222
(c)	225	275		
Back gauge without sheet support table 500 mm (d)			440	
Back gauge without sheet support table 750 mm (d)			690	
Back gauge with sheet support table 500 mm (e)			515	
Back gauge with sheet support table 750 mm (e)			765	

The cutting device is used for safe and easy cutting of the sheet.



All dimension in mm

Standard colours: RAL 7035 light grey, RAL 5003 sapphire blue. Special painting at an extra charge.

All specifications are considered as guidelines and may be subject to changes at any time.



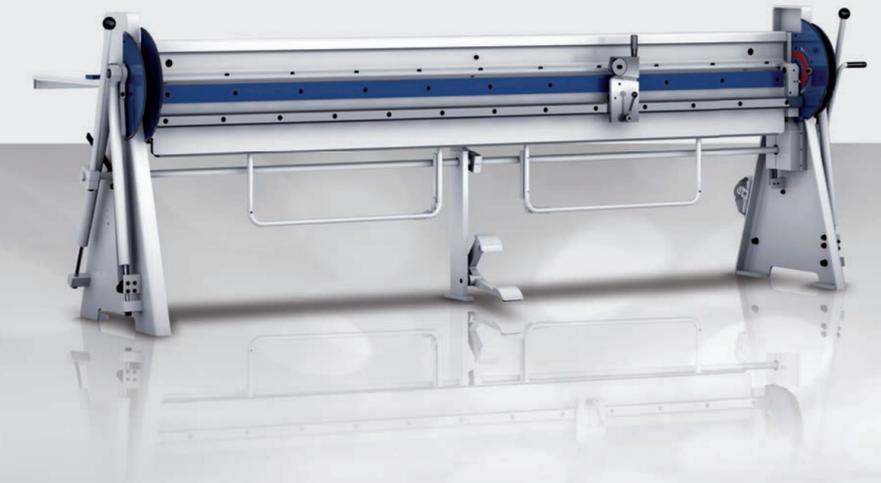
## Schröder Group

The Schröder Group consists of Hans Schröder Maschinenbau GmbH, which is located in Wessobrunn, Germany, and SCHRÖDER-FASTI Technologie GmbH, which is located in Wermelskirchen, Germany.

Founded in 1949, Hans Schröder Maschinenbau GmbH unifies traditional and modern approaches in machine building: Successfully managed as a quality and customer-oriented, family-owned company, Hans Schröder Maschinenbau is specialized in the development of modern machine concepts for

bending and cutting sheet metal.

The successful integration of the Fasti Company in 2006 and its worldwide presence make the Schröder Group one of today's leading providers of machines for bending, cutting, beading, flanging, and circular bending all types of sheet metal. The company's precision machines range from proven solutions for craftsmen to innovative, high-performance machines for automatic industrial production processes. Overall, the Schröder Group currently employs more than 240 people at various locations at home and abroad.



All information provided as a guide only  
and subject to change at all times.  
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**SCHRÖDER**  
GROUP

MANUAL FOLDING MACHINE

**AK**