



KNOLL Folding Machine
180° — 3.5 m — now available as a stationary model for your workshop.



Bend lengths up to 3.5 m, 180°

The KNOLL 3.5 m 180° folding machine is lightweight, exceptionally sturdy, and crafted from high-strength aluminum—designed for mobile use based on real-world experience. Due to popular demand, this easy-to-use, durable machine with a range of attachments is now available for workshop use as well. Take advantage of all the benefits this precision bending machine has to offer!



**Cutting Size – Bending Size –
Reference Size**
The depth stop makes it easy for a single person to operate the 3.5 m bending machine, with measurements clearly visible on the large, battery-powered display.



Angle Degree Scale
The side angle scale easily folds back for convenient bending of longer sheets.

The KNOLL folding machine – 180° – 3.5 m is now available for your workshop. Crafted from a high-strength aluminum alloy, it's exceptionally lightweight yet incredibly sturdy.

+ Gade Division
 + Profiling Head
 + Cutting Head
 + Lead Corrugator
 + Bead Roller
 + Depth Stop



Technical Specifications

4 C Folding Machine	
Bending and profiling length	3.5 m
Maximum bending angle	180°
Sheet thickness	Aluminum 1.0 mm, Zinc 0.8 mm, Copper 0.8 mm, Steel 0.7 mm (400 N/mm ²)
Weight	320 kg

6 C Folding Machine	
Bending and profiling length	3.5 m
Maximum bending angle	180°
Maximum bending angle	155° with sheet thickness:
Sheet thickness	Aluminum 1.5 mm, Zinc 1.5 mm, Copper 1.0 mm, St 1.0 mm (400 N/mm ²)
Weight	400 kg

Additional Products

- for KNOLL folding machines 4 C and 6 C
- + KNOLL Profiling Head
- + KNOLL Longitudinal Cutting Head
- + KNOLL Lead Roller
- + KNOLL Bead Roller / KNOLL Bead Former
- + KNOLL Seam Closer
- + KNOLL Depth Stop
- + KNOLL Stand

The KNOLL Bending Machine

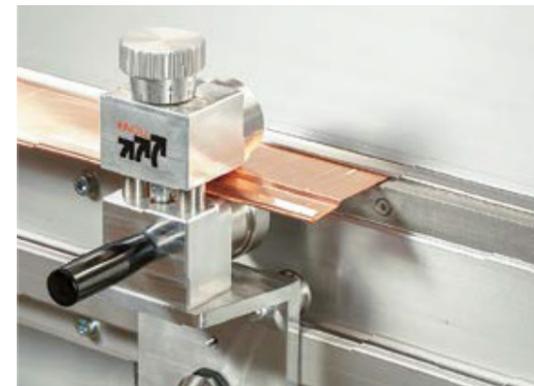


The KNOLL bending machine – tailored to your needs, backed by our expertise!



Bending up to 3.5 m

The **KNOLL Bending Machine** features sturdy C-frames for maximum stability and precision, day after day. Since the sides are open, you can easily work with longer sheets. Tool holders for the cutting and profiling heads are located on both sides of the machine, so you always have your equipment within easy reach!



Profiling – fast and hassle-free

With the patented **KNOLL profiling head**, you can easily and quickly produce flush facade profiles on the bending machine. The sheet metal is set to the seam height with the profiling head. These elegant panels can be made in any width as KNOLL snap-lock seams or as KNOLL double hook seams for installation on both sides. This opens up a world of design possibilities.



Bending up to 180°

The cleverly engineered joints on the bending beam, paired with the flat stainless steel rail on the top beam, **allow bends up to 180°**. Hollow seams, like water folds, can be finished in one step without extra pressing. This saves you time and delivers impressive consistency—crucial when producing facade panels.



Lead corrugation

Creating single-sided corrugated lead is a breeze with the **KNOLL Lead Corrugator** on your bending machine. Just secure the lead in the machine—one side is corrugated, the other stays flat. This lets you neatly fold the smooth side, while the corrugated section presses effortlessly against the tile.



Slitting

The **KNOLL cutting head** comes equipped with ultra-durable rotary blades and double ball bearings for maximum precision and clean, burr-free cuts. Both the blade bearings and guide rollers are maintenance-free. The cutting head glides smoothly on its linear guide and, thanks to its dedicated parking spot on the folding machine, is always within easy reach.



Long beads

Use the **KNOLL Bead Roller** on your bending machine to create long beads. The beads can be straightened or shaped convex or concave with the **KNOLL Bead Former**. The combination of roller and former makes producing straight or curved trim for window sills, wall caps, or baroque gables a whole lot easier.

Two types of folding machines, tailored to your needs

The KNOLL Folding Machine – 180° – 3.5 m comes in two different versions. For sheet metal workers, our four-arm folding machine is the ideal choice, handling Al 1.0 mm, CU 0.8 mm, ZN 0.8 mm, and St 0.7 mm with ease.

For those who need a more powerful machine and

still want to work on the go, the KNOLL Folding Machine 6 C was designed just for you. With reinforced joints, thicker materials, and six C-arms, it can even bend 1.0 mm steel. And of course, both folding machines are also available as workshop models with a foot stand!

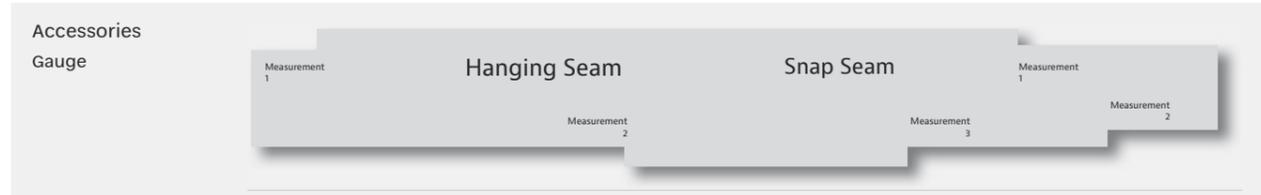


Sealing seams

After bending, press the fold flat with the **KNOLL Seam Closer**. The spindle adjustment lets you set the pressure precisely. Even double folds can be securely closed.



KNOLL Snap Lock Seam



Set measurement 1, bend to 180°

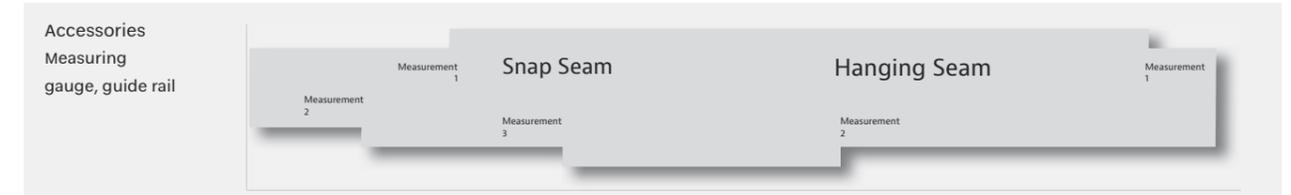
Flip the sheet, set measurement 1, bend to 180°

Position at measurement 2 and form with the KNOLL profiling head

The KNOLL hanging seam is secured with clips. It can be installed with a shadow gap or flipped to create a rib.

KNOLL façade technology – crafted quickly and with ease.

KNOLL Click Lock Seam



Position at measurement 1, bend to 97°

Rotate the sheet, line up at measurement 2, bend to about 145°

Insert the guide rail as a stop and side height limiter, rotate the profile, press the seam shut

Turn the profile, align at measurement 3, shape with the KNOLL profiling head. Increasing measurement 3 creates a shadow gap.

The KNOLL snap seam is fastened with screws or nails.

KNOLL Tools – designed and tested by sheet metal experts!



The Mobile Sheet Metal Shop

The mobile sheet metal workshop, crafted by master tinsmith Peter Knoll, has proven itself on thousands of job sites at home and abroad. Handle your entire project right where you are—and gain a huge competitive edge. Enjoy flexibility and save valuable time by skipping costly trips between the shop and the site. Made in Germany, this ingenious invention is built to last and will bring you satisfaction for years to come.



Kuli

The original transport and unrolling device for your workshop and job site. Available in 1000 mm and 1250 mm sizes.



Kuli with Shears

Cut directly at the Kuli, available with integrated length measurement and a roll holder with tape guide.



Bead Former

Shapes beads into a rounded finish, ideal for wall caps. Works with both convex and concave forms.



Notching Shears

Single cuts up to 100 x 100 mm. For larger sections, simply reposition and cut again. Steel thickness: 1.0 mm.