

**SCHRÖDER**  
GROUP



UNFOLD SOFTWARE  
**SCHRÖDER Unfold**

# SCHRÖDER UNFOLD

The unfold software "SCHRÖDER Unfold"



Software control of a folding machine

## The new unfold software "SCHRÖDER Unfold"

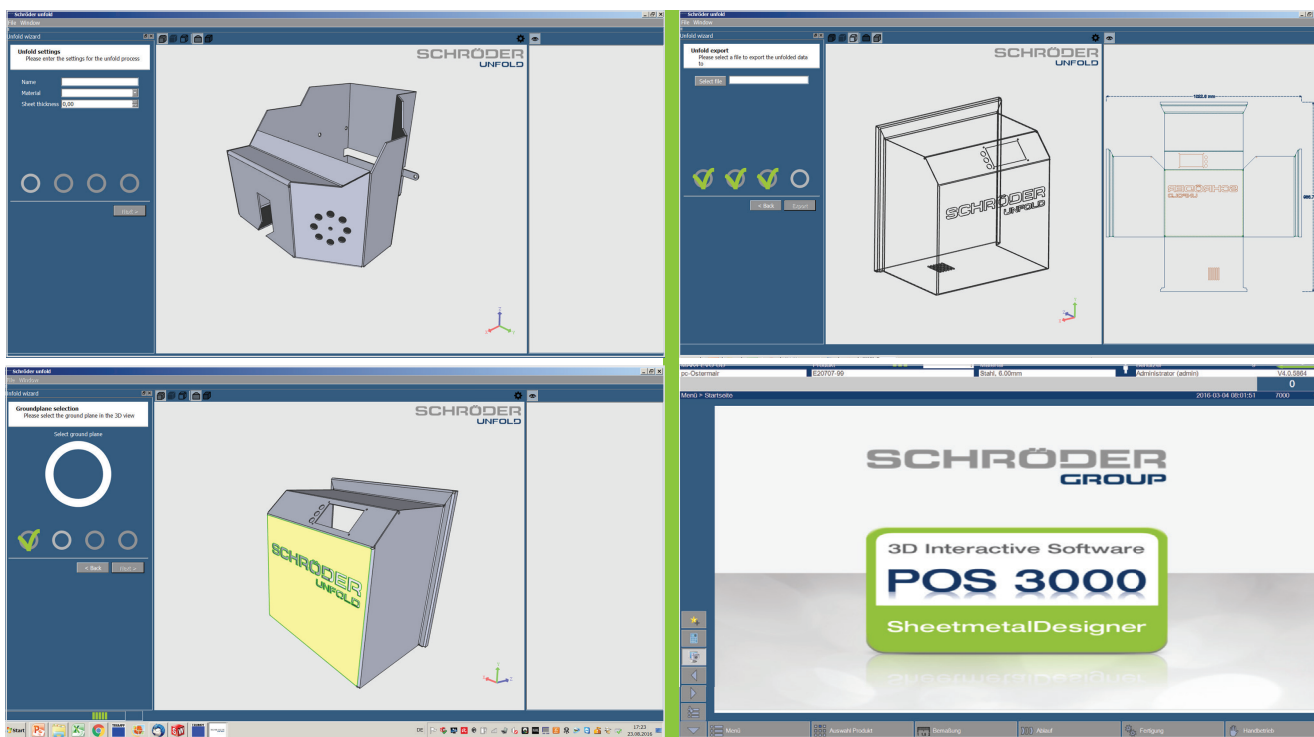
Modern folding machines are only able to achieve maximum efficiency and productivity when software and hardware form a single, seamless unit. It is for this reason Schröder Maschinenbau developed the unfold software "SCHRÖDER Unfold".

### Uncomplicated and simple – the new unfold software "SCHRÖDER Unfold"

In order to coordinate hardware and software perfectly, Schröder Maschinenbau developed an unfold software to calculate the blank size and program with effortless precision. Step-files are imported into Schröder unfold, they are unfolded to create the flat pattern, calculating cut size, notch development, and internal geometry placement. The most efficient bending sequence is then calculated and the machine program created. The last step is the creation of the flat profile in a DXF format that can be exported for use in the blank creation process.

### Procedure Step-Import "SCHRÖDER Unfold"

1. Import of step-file
2. Start of unfold assistant with selection of
  - product name
  - material thickness
  - material type
  - machine type with tools
3. Different bending solutions are proposed
4. Cycle times are calculated
5. Creation of program file and DXF file for export



User interface of "SCHRÖDER Unfold" software – clear and easy user guidance

Working with the unfold software is extremely comfortable:

Functions of "SCHRÖDER Unfold" – From 3D-graphics to exacting flat pattern:

- An unfold assistant guides the user through the process step by step.
- No previous knowledge or experience in CAD applications is necessary.
- The flat pattern is developed using the bending calculations from the Schröder folder ensuring accurate results.

System requirements:

- Windows XP or later
- Memory: 4GB RAM or greater
- Hard disk: 1 GB or greater
- Processor: i5 or faster
- Format:
  - Import of step-Files (.STEP und .STP)
  - Export of DXF-Files (.DXF)





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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