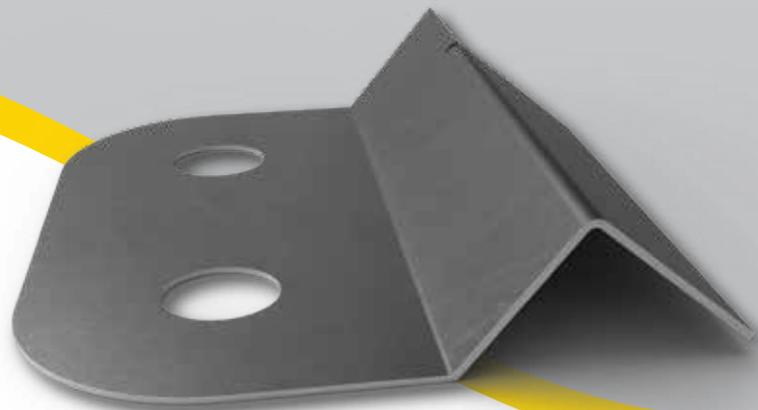


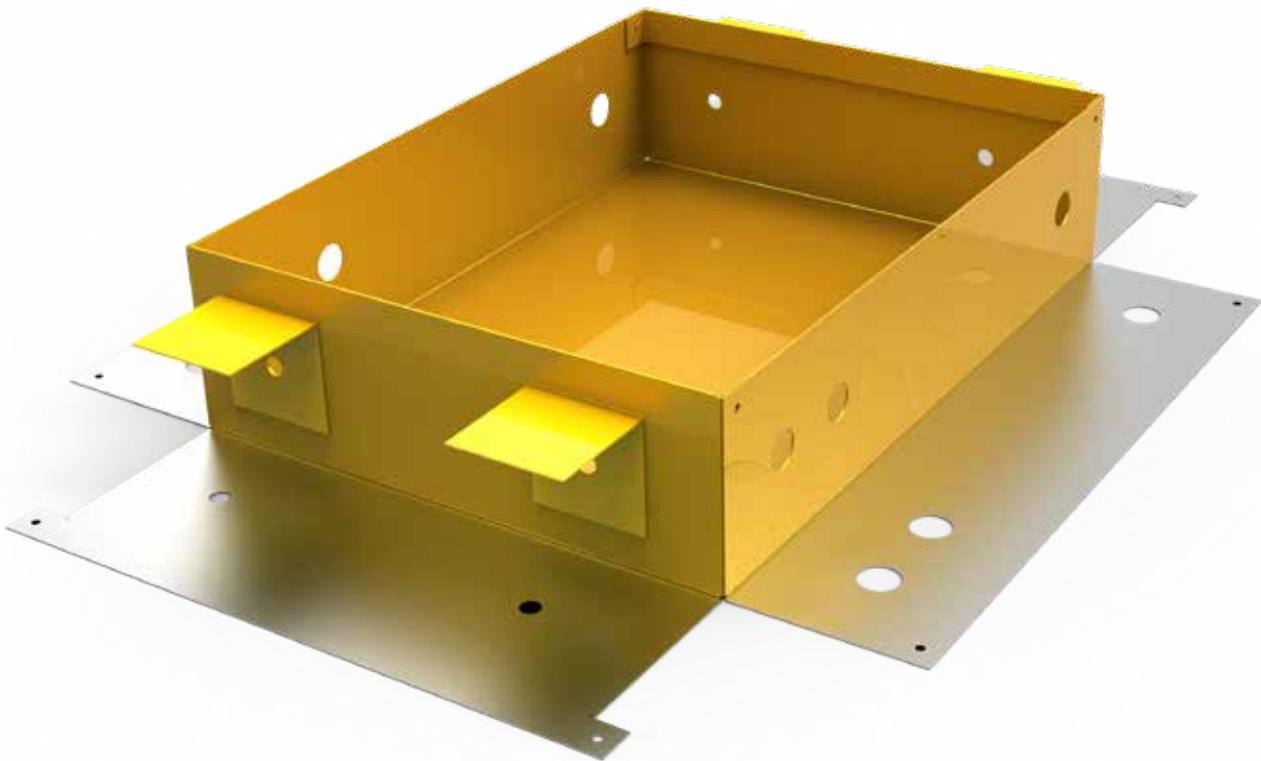
PRO*first* 3D STEP-UNFOLD



SOFTWARE

3DSTEPUNFOLD

STEP and IGES unfolder



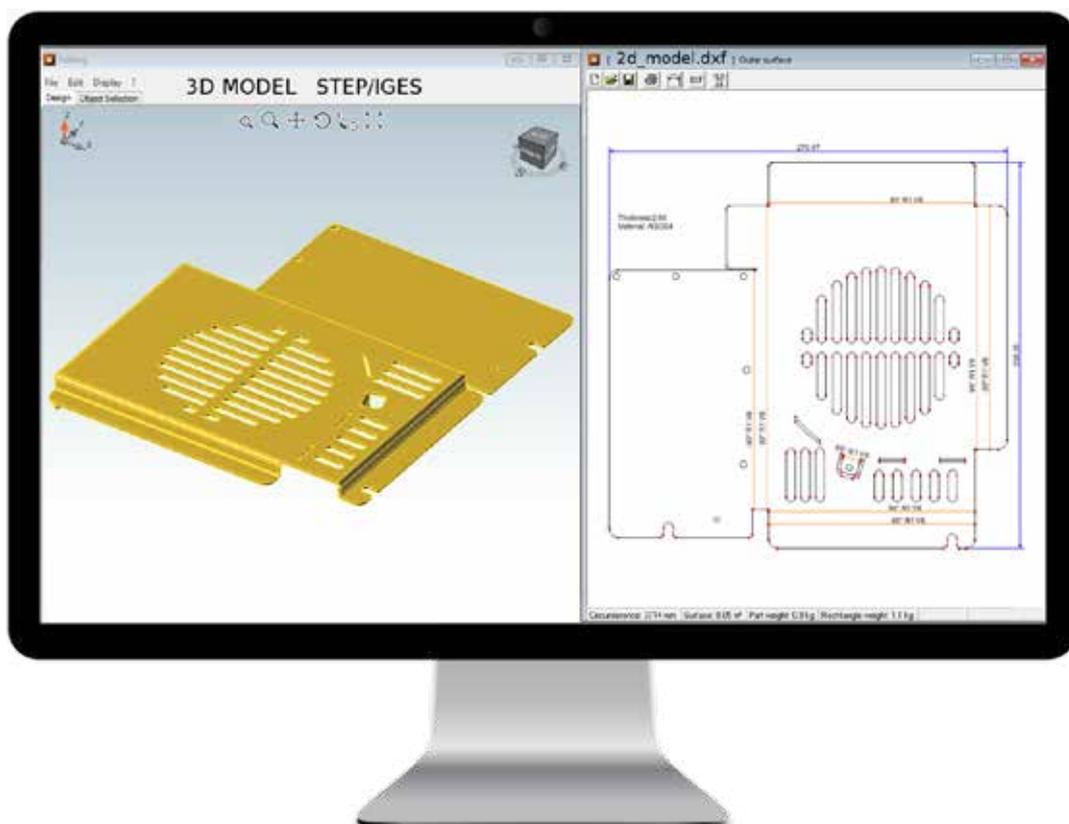
PROFIRST 3D STEP-UNFOLD
FAST - EASY TO USE - PRECISE



Import and unfold

3D STEP-UNFOLD imports 3D files and unfolds to DXF:

- imports and displays STEP/IGES files of single parts or complete assemblies
- unfolds and exports in DXF format with bend lines and angles
- corrects the radius of the step model to match your available bending tools
- calculates the unfolded flat pattern according to your own adjustable bending table resulting in very accurate 3D folded parts.
- manual or automatic selection of bending tool from the available tooling
- bends with a large radius are split into several bends with small radius
- details of weight, cutting length and complete dimensions
- automatic creation of bending drawing with 4 views and isometry
- use drag&drop to automatically unfold several parts or assemblies



Unfold a 3D file in 3 simple steps

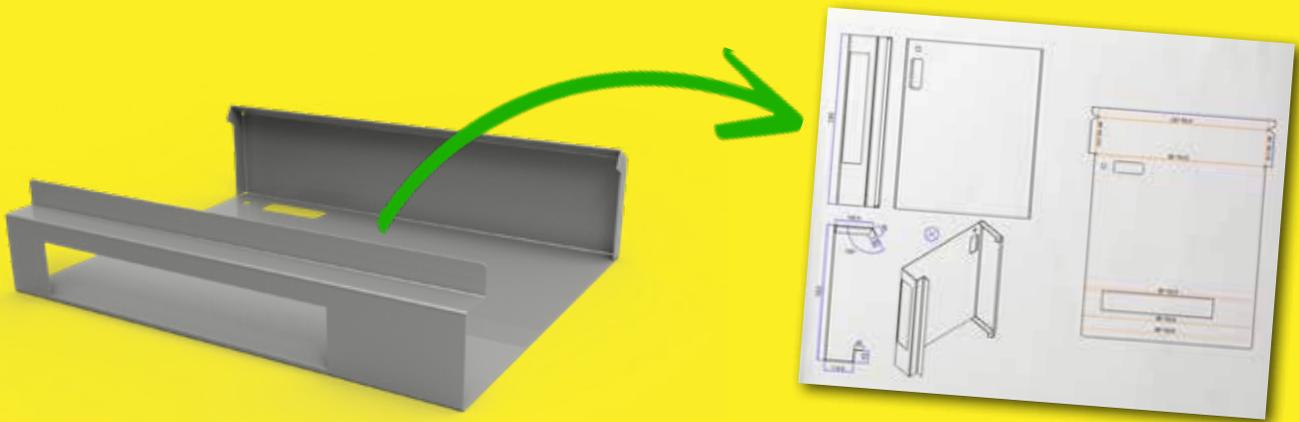
Make precise unfolding with your own bending factors in less than a minute:

- open the 3D STEP/IGES file and select one or all components of the assembly
- automatically adapt the radius of the bends to that of your tooling
- click on unfold to export an unfolded DXF with bend lines and 4 views of the part

Quick and easy!

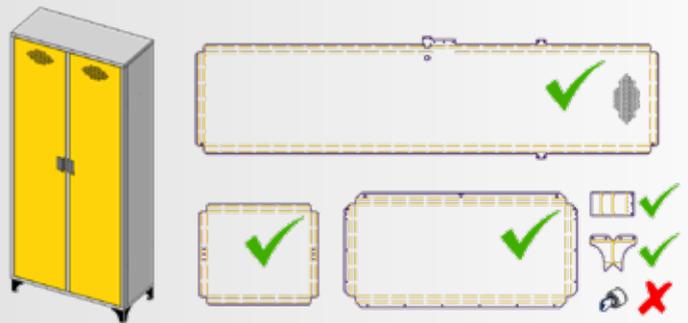
Unfold 3D customer files in seconds

all you need to unfold your customer files and make precise sheet metal parts



Automatically unfold STEP assemblies

- Displays and unfolds complete 3D assemblies
- Automatically ignores non sheet metal parts like bolts and rivets
- automatically adapts bending radius on all parts to match available bending tools
- saves single DXF files containing thickness and material type ready for cutting
- Makes bending drawing with 4 views of each part



Unfolds based on your bending tools

You can adjust the bending correction for any of your tools according to tool , thickness and material. This results in flat patterns that exactly match your tooling and very precise 3D sheet metal parts.



EASY TO LEARN no training required

Calculating the development of 3D parts with a traditional CAD is often a long and complex process needing weeks of training. 3D-STEP-Unfolder is a tool to automatically unfold sheet metal parts, and simply does what you need!



CALCULATE PRICES AND QUOTATIONS

on your own without waiting for the drafting dept. to unfold the STEP files

- PROfirst 3D-Unfolder exports all sheet metal parts of an assembly as single DXF files
- You have all the information you need to make your quotation without waiting on someone else.
- Using PROfirst quotation software you can import the dxfs. Bending is automatically recognised and calculated according to part weight, size and number of bends.
- Parts are nested to calculate a precise material usage. Jobs such as bending drilling tapping etc are recognised automatically and all other jobs can be added before a quotation is printed

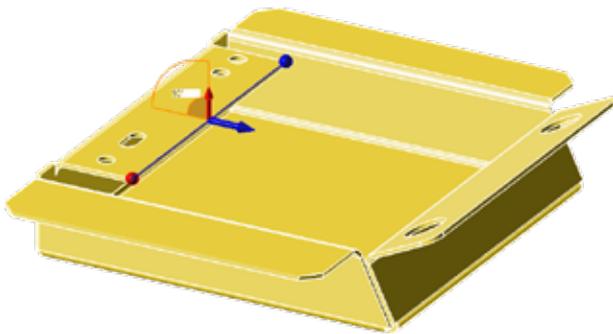


3D-CAD for sheet metal

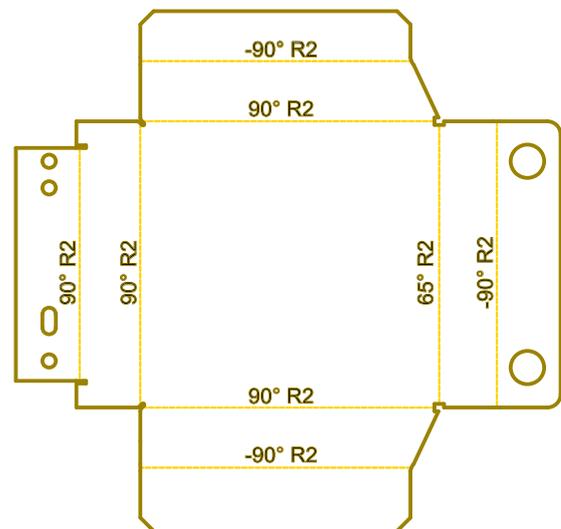
3D STEP-UNFOLD also allows you to design sheet metal parts:

- start with the base and pull up sides at any angle to design your part.
- create profiles starting with a 2D sketch
- choice of bend dimensions (internal / external)
- choice of how corners are formed with or without notches or overlaps
- insert holes, oblongs, notches, fillets and bevels as required.
- import DXF files with non-standard contours and artistic parts
- export a DXF containing the unfolding and 4 views of the part
- export the part in STEP or IGES format
- At long last a 3D-CAD for simple sheet metal parts that doesn't need days of expensive and time consuming training

EASY DESIGN



With the drag function it is easy to design a part like this by simply dragging the edge of the part to the required position and angle.



EASY UNFOLD

3D STEP-UNFOLD is available as an option in PROfirst CAD/CAM/COSTING or in LOGITRACE. Its ease of use makes it the ideal tool to unfold parts before making prices and quotations. Even if you are already equipped with 3D-CAD you can let the 3D-CAD specialists concentrate on design work while doing most of what you need using PROfirst 3D-STEP-Unfold almost completely without training.

PROfirst

SOFTWARE FOR SHEET METAL

www.profirst-group.com