

## PROFIL Versions

Contact Welded Tube Pros LLC for information on a 30 day trial. [budg@bright.net](mailto:budg@bright.net) / Tel 330-408-3447

- PROFIL Free Demo Version**  
 For trying and evaluating. For all WINDOWS platforms.
- PROFIL LT**  
 For the design of simple, rectangular profiles. With calculation of spring back, statics and stress of band edge. With roll tool design, parts list and NC-program. Without CAD-interface. For all WINDOWS platforms.
- PROFIL Full Version**  
 Full system, for the design of all kind of profiles, especially much complicated and tubes. With CAD-interface for reading contours from CAD and for generating drawings in CAD. With Shaped Tubes Calibration and Trapezoidal Profile Forming. With PSA - Profile Stress Analysis. For all WINDOWS platforms.
- PROFIL Full Version with Database**  
 For the design of all kind of profiles and for saving the roll tools into a database. To find suited rolls for re-use, the roll stock management is provided. For getting information about earlier design projects the Profile Catalogue is provided. For all WINDOWS platforms.
- PROFIL Full Version with FEA Interface**  
 For the design of all kind of profiles and for simulating the roll forming process to validate and optimize rollform design. Needs the FEA system **LS-DYNA** from [Livermore Software Corp. USA](http://www.livermore.com) or **ABAQUS/Explicit** from [SIMULIA Dassault Systèmes](http://www.simulia.com). For all WINDOWS platforms.

Property	Free Demo Version	LT Version	Full Version	Full Version with Database	Full Version with FEA Simulation
Max. count of profile elements	15	15	199	199	199
Max. count of passes	99	99	99	99	99
Profile design	•	•	•	•	•
Tube design	•	•	•	•	•
Flower design	•	•	•	•	•
Spring back	•	•	•	•	•

Statics	•	•	•	•	•
Stress of band edge	•	•	•	•	•
Multi Axles Roll Design	•	•	•	•	•
Dimensioning	•	•	•	•	•
Print	•	•	•	•	•
Roll assembly plan	•	•	•	•	•
Parts list	•	•	•	•	•
Profile Explorer	•	•	•	•	•
Open project	•	•	•	•	•
Save project		•	•	•	•
Import/export profile lists		•	•	•	•
NC output		•	•	•	•
CAD input/output			•	•	•
STEP file output for 3D models			•	•	•
ActiveX interface to AutoCAD			•	•	•
ActiveX interface to SolidWorks			•	•	•
ActiveX interface to SolidEdge			•	•	•
ActiveX interface to BricsCAD			•	•	•
ActiveX interface to MS-Excel			•	•	•
Shaped Tubes Calibration			•	•	•
Trapezoidal Profile Forming			•	•	•
PSA - Profile Stress Analysis	•		•	•	•
Development Table	•		•	•	•
Automatic Flower Creation	•		•	•	•

Roll stock management				•	
Profile Catalogue				•	
Interface to LS-DYNA and ABAQUS/Explicit					•