

# TubeWorks Library



## What is TubeWorks Library:

TubeWorks Library is a powerful Dynamic Link Library (DLL) which provides **automatic** extraction of bend data directly from CAD files.

It is developed by tube bending engineers and is the result of handling tube geometry, first hand, for over a decade.

It is written completely in VB.NET and can be used in VB or C# projects.

Extract bend data automatically from CAD files inside your existing HMI

## Key features

- Automatically extract bend data from CAD files inside your existing HMI
- Extract tube from assembly
- Automatic design validation
- Supports round, square / rectangular and flat sided oval tubes
- Works on bend-on-bend
- Works on end formed geometry

## Advantages

- Can directly send / open CAD files on your existing HMI
- Eliminates human error
- Takes minutes to integrate into your existing HMI software
- Extremely powerful, yet intuitive and easy-to-use

## About 3DCompound

- Company vision: Create powerful yet easy-to-use software solutions to address design and manufacturing challenges and inefficiencies
- Over 20 years of design and manufacturing expertise allows us to understand and meet our client's business demands.
- If you know your industry you will not need training on our solutions
- 100+ happy customers, all over the globe

## Some of our customers



**3D**COMPOUND  
Intelligent Practical Apps