TubeWorks

What is TubeWorks

A software application that allows SOLIDWORKS users to extract key manufacturing information such as Tube Specifications and CNC bending data, from both native SOLIDWORKS models and common CAD file formats such as STEP, IGES, and ParaSolid. Furthermore, it creates a Flat configuration of the bent tube for Tube Laser.

Key Features

- Extract Tube Specification
- Automated Centreline Creation
- Fully Searchable Tooling Log
- Tooling Recommendation
- Automated XYZ Creation
- Automated LRA (YBC) Creation
- Centreline Total Length Calculator
- Automated 2D Drawing Generation
- Un-Bend Tube Configuration
- Automated Length Deduction
- Create Tube from XYZ and LRA
- XYZ to LRA and LRA to XYZ
- Springback Calculations

Advantages

- Fast Response to Customer Enquiries
- Full Access to SOLIDWORKS Design Capabilities
- Minimised Development Time
- Inherently Intuitive and Easy-To-Use
- Works in Millimetres and Inches

Our Customers Say...

The addition of TubeWorks has drastically improved the efficiency of our quotation and production processes. The ease at which data can be transferred to a drawing has saved countless valuable hours. The majority of CAD files received can be analysed for their dimensions and coordinates, and sent to a bend machine within seconds…

Nigel Groom
TBF International

TubeWorks has been a wonderful tool to develop and manufacture an assortment of tubes at Zeman MFG. It's quick and easy to pick up on , it has cut the design development stage literally in half. There are so many things I can say about how well this software works with SolidWorks and just makes everything a much simpler process. I love the fact you can change angles of bent tube to show under bent and over bent results by plugging the numbers into the CREATE TUBE feature, hands down this saves me a load of time on case studies. Thanks to all the personal in developing this add-on for SolidWorks. GREAT JOB!!

Jeremiah Sloan
ZEMAN Manufacturing

Some of our customers…