

## SolidTube

## laser-guided tube processing with OneSpace Designer

- You work with a 2D laser tube-processing center, e.g. Trumpf Tubematic?
- You don't only process round and rectangular pipes?
- The standard working cases of your NC software are not enough for you?

Use SolidTube to process laser-guided tubular structures with any pipes. SolidTube simulates the laser processing and provides surface drafting, which can be further processed directly by your NC software.

### ***Pipes, laser simulation, surface drafting***

With the 2D laser pipe cutting, the laser beam is always perpendicular to the surface of the pipe, which is turned and shifted in the processing center. Thus, often very complex cutout forms result with the pipes. SolidTube simulates this type of handling and produces true-to-life tubing blending.

This is based on a tubing database that can be extended as desired. SolidTube understands round pipes, rectangular pipes, right-angle pipes, and any other pipes.

SolidTube can assemble the pipes simply and quickly with shifting functions for complete tubular structures. Afterwards, occurs the actual tube handling, the laser processing simulation. SolidTube understands different processing methods:

- Setting
- Laying
- Inserting
- Mitering
- any outline as a tool

After the processing, pipe surface drafting can be automatically carried out and transferred to your tube-processing center.

SolidTube also offers another import function for taking tubular structures from other vendors' systems and performing laser simulation.

