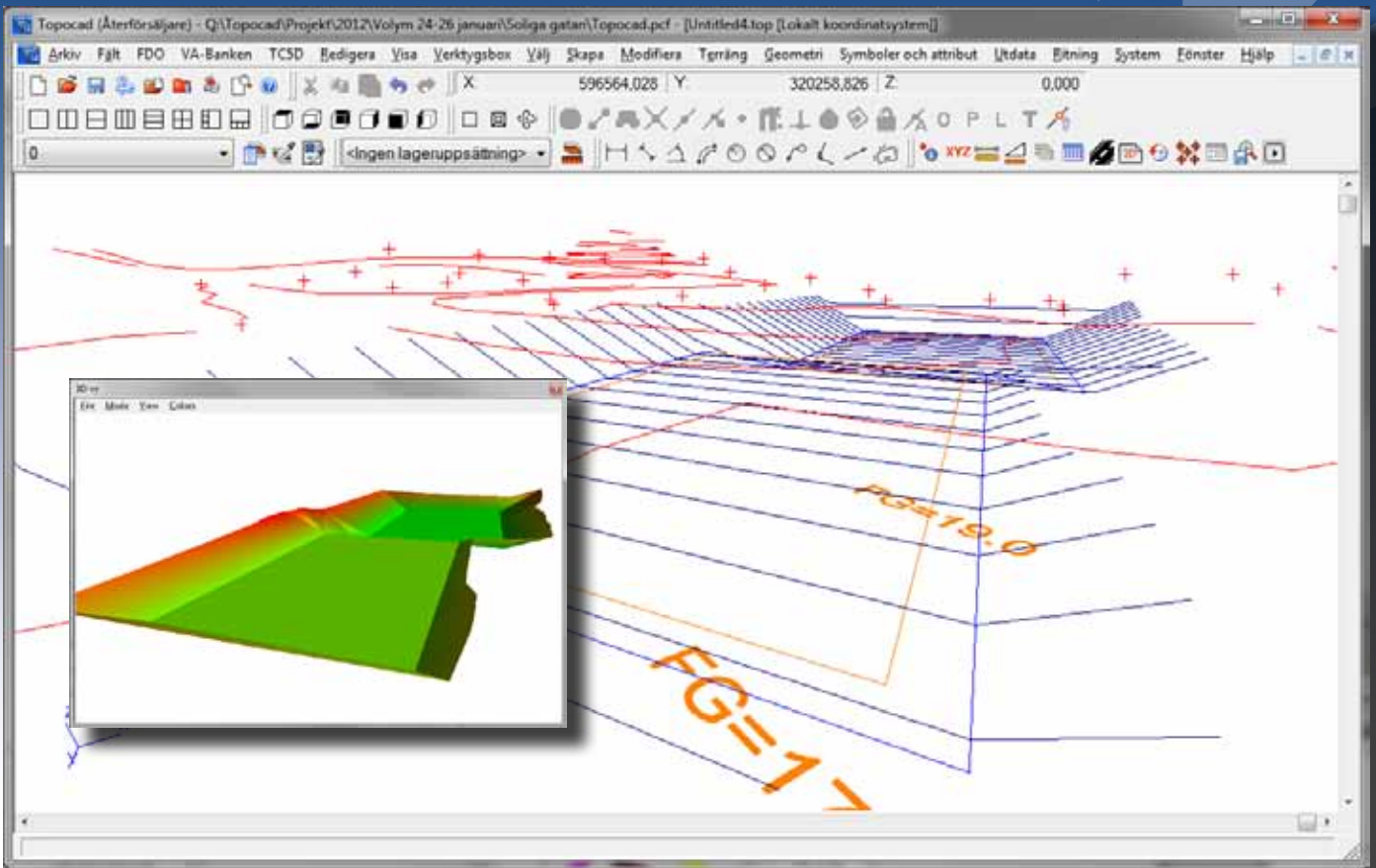


Calculate your excavation volumes fast and smooth with Topocad Volume Model



Topocad Volume Model

Calculate your excavation volumes fast and smooth using Topocad Volume Model. The Topocad module Volume Model calculates volume from terrain models and a plane, from two terrain models or from one excavation ground with automatic slopes and two terrain models. The module has three types of calculations:

Automatic slopes

This calculation reports the volumes from one or two terrain models and the excavation ground in the shape of one or more closed polylines. You create your terrain models for soil and eventually rock and then you submit the excavation grounds that you want to use for the calculation. It is very simple and results in a report containing all the surface areas and volumes for soil excavation, rock excavation and fill.

Two models

The calculation will result in the volume from two terrain models, no matter how they look. You can also calculate the volume from one terrain model and a pre-set level. The command is quick and besides a detailed report you can also view the result as difference level curves or as thermal colored level curves and areas.

Sections

If you have two terrain models this calculation will result in calculated sections from the two terrain models and also the calculated volume between the two. The result is reported as sections. If you have the Point Cloud Module you can use it for calculating sections as well as for calculating the volume difference between two terrain models.

Topocad Volume Model

- » Calculate volumes from excavation grounds and terrain models
- » Calculate volumes from two terrain models
- » Calculate volumes from two terrain models and report them as sections
- » If you have a Point Cloud Module it can be used for calculating volumes from two point clouds or from one point cloud and a terrain model

