

Datasheet: LFM Modeller



LFM Modeller allows users to rapidly create 3D models at an unsurpassed rate without compromise. Pipe-elbow-pipe branches and structural components can be fitted confidently in less than four mouse clicks. LFM Modeller allows for the simple transition of intelligent models into a range of CAD systems. With LFM Modeller there is no trade-off between speed, accuracy and efficiency.

Key features

Overview

- Intuitive interface
- Rapidly produce CAD models from as-built data
- Extensive CAD manipulation and editing facilities
- Discipline driven modelling
- Component prediction tools
- All the functionality of LFM Register

BubbleView™ Modelling

- Rapid Creation of pipe branches
- Rapid modelling of structure

Standards

- Distance and Diameter measurements within the *BubbleView™*
- Rapid Tie point creation and export

Intelligent Export

- AutoPlant
- CADWorx
- As-designed or as-built export options

BubbleView™ Modelling allows a pipe-elbow-pipe branch to be modelled in less than four clicks of the mouse

Creating as-built CAD models with *BubbleView™* modelling is incredibly fast, exceptionally intuitive and very easy to learn. It is very clear from the *BubbleView™* what exists in the scanned environment and what still remains to be modelled. It is a very rapid process to fit beams, columns, channels, angles and box sections within the *BubbleView™*. Plinths can be rapidly created, moved and rotated into position.

Component Prediction tools reduce the time spent searching for the required component

When modelling a pipe branch, LFM Modeller will intelligently present components from the standard library that are compatible to the previously modelled object. This reduces the time spent searching for the required component. Component Prediction is one of the many features in LFM Modeller that greatly increases the efficacy on the 3D modelling process.

Accurately model a wide range of components

A large range of standards are included in the standard library.

Smooth, intelligent export of as-built models into CAD

Translation between different CAD packages presents a major challenge. Both packages need to 'speak the same language'. LFM Modeller overcomes this issue allowing the customer to export directly to AutoPlant and CADWorx supporting .PXF and .PCF formats. It can also export .SAT, .DGN and .MAC files. If required the export process can also realign the modelled components to produce an as-designed as-built model.