SuCri®

The plugin for efficient planning in AutoCAD® Plant 3D™ and Advance Steel™ – developed for planners in plant engineering and steel construction

Designed by engineers, for engineers

SuCri

SuCri® is a innovative plugin for AutoCAD® Plant 3D™ and Advance Steel™, that supports engineers and planners in plant construction, e.g. in the wastewater management, chemical industry or process industry, and makes planning significantly more efficient.

The focus is on the significantly simplified planning of pipe supports as well as primary and secondary steel structures.

> Thanks to integrated manufacturer-based component catalogs and automatic placement, SuCri® enables efficient and precise planning.

> The very time-consuming manual selection of suitable bracket combinations and insertion of components is no longer necessary - **the time required for the planner is reduced by a factor of 10.**

> In Advance Steel™, SuCri® provides seamless integration to optimize steel construction planning.

The Concept of **SuCri**®

SuCri® complements the functions of Plant3D™ and Advance Steel™ and integrates seamlessly into the programs. The intuitive user interface allows planners to work in their familiar environment.

SuCri® currently consists of four modules that can be combined into bundles.

Module 1

forms the basic module with the **manufacturer catalogs** and features such as connection check, component selection assistance or dynamic clamping systems.

Module 2

offers extended functionality in Plant 3D™ , in particular the **automatic placement of brackets** and suitable clamping systems, as well as their automatic replacement if necessary.

Module 3

was developed for use in Advance Steel™. It allows the **precise finalization of steel construction**, both for new and existing buildings.

Module 4

is an extension to Plant 3D™ for secondary steel construction for **drawing derivation**. It enables the generation of parts lists, production documents and drawings directly from Plant 3D™.

With SuCri®, plant engineers work efficiently:

- **Use manufacturer catalogs**
- **Place pipe supports automatically**
- **Derive drawings**
- **Create parts lists**
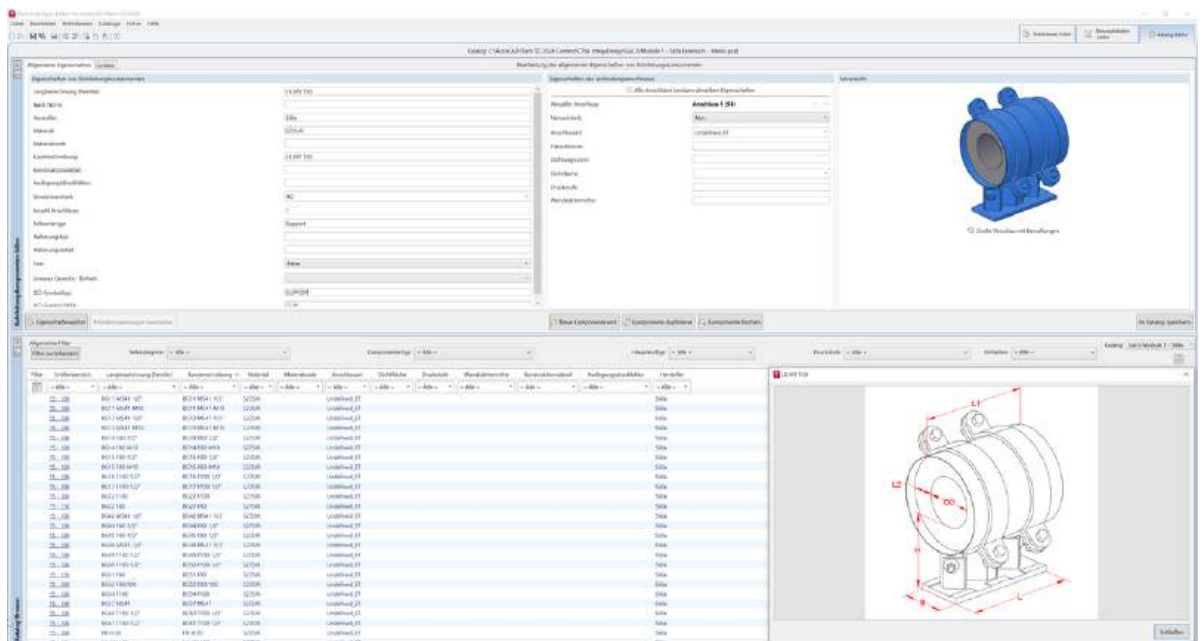
SuCri® The Modules

Module 1

The basic module contains manufacturer-based component catalogs for pipe support systems. It offers the following options, among others:

- Adding intelligent clamping systems
- Rotating the clamps at any angle
- Adding insert bands
- Adjusting the threaded rod on a normal pipe clamp
- Adjusting the height on adjustable pipe shoes
- Easy replacement of the bracket type without repositioning
- Option to integrate different materials
- Color indication in case of incorrect placement
- Extensions for the following manufacturers are available: Sikla®, Hilti®, Bernecker, MPSS.
- Module 1 is currently compatible with Plant 3D™ versions 2022-2025.

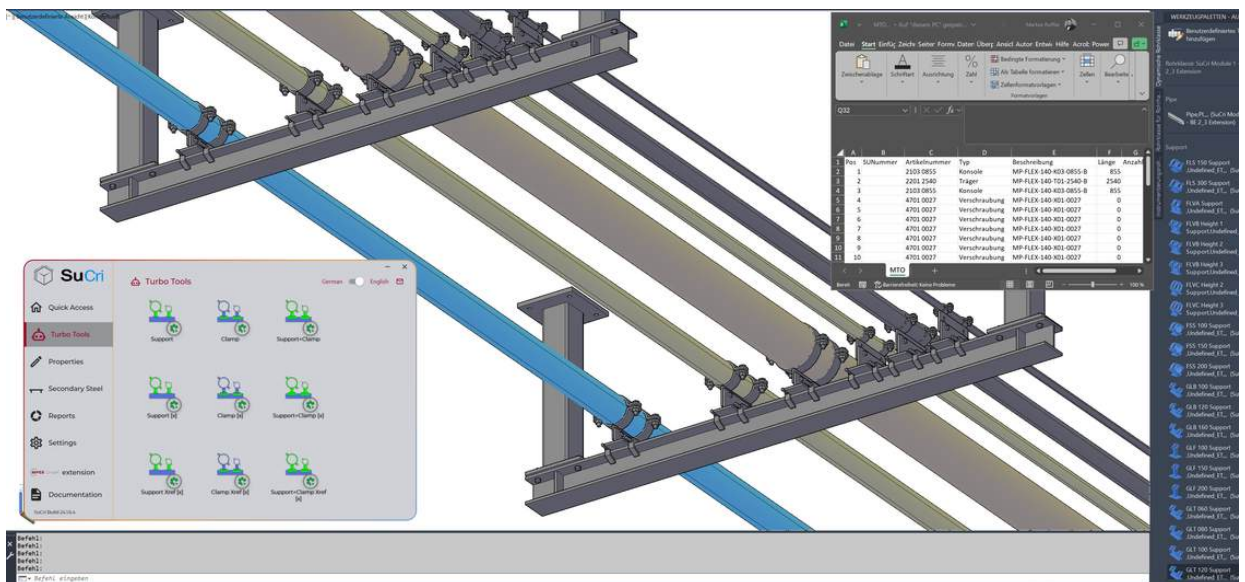You can request a demo of the functions or trial licenses here.

Screenshot Module 1

Module 2

Module 2 offers extended functionality to Module 1:

- Automatic placement of pipe-enclosing components and clamping systems
- Automatic adjustment of component properties
- Selection aid for the required components
- Parts list creation
- Extensions for the following manufacturers are available: Sikla®, Hilti®, Bernecker, MPSS. There is also an extension that enables the Module 2 functionalities with the standard brackets from Plant 3D®.
- Module 2 requires Module 1 as a basic license.
- Module 2 can currently be run with the Plant 3D™ versions 2022-2025.
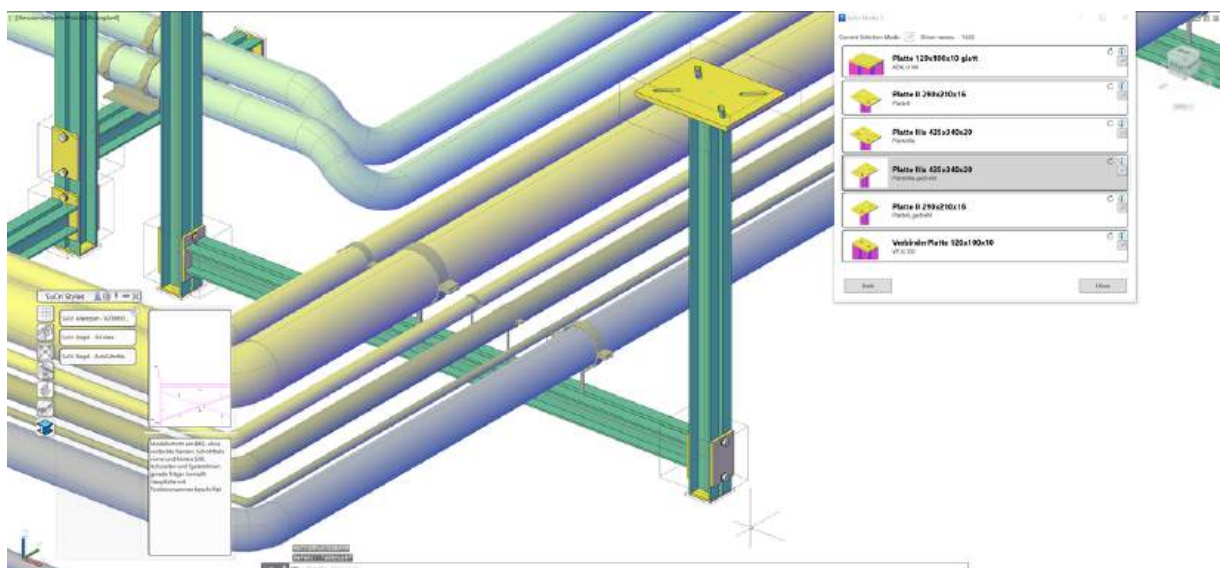

Screenshot Module 2

Module 3

Module 3 is aimed at users of Advance Steel™.

It enables

- the precise planning of connections within the secondary steel structure including connection to existing steel structure,
- pipe supports and steel profiles from Plant 3D® can be seamlessly imported into Advance Steel™,
- the addition of your projects, finalization and almost automated derivation of manufacturing documents.
- Extensions for the following manufacturers are available: Sikla®, Hilti.
- Module 3 is currently executable with Advance Steel™ 2022-2025.

Detailed information about the features can be found in the knowledge base.

Screenshot Module 3

Module 4

Module 4 is an extension to Plant 3D™ for secondary steel construction.

- Module 4 makes it possible to create drawings almost automatically.
- Module 4 is the optimal solution for customers who need quick production drawings but still do not want to do without the ortho drawings in Plant 3D™.
- Extensions for the following manufacturers are available: Sikla®, Hilti®, Bernecker, MPSS.
- There is also an extension that enables the Module 4 functionalities with the standard brackets from Plant 3D™.
- Module 4 is currently compatible with the Plant 3D™ 2024 and 2025 version.

Screenshot Module 4

Contact

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Motto

Anyone who stops getting better has stopped being good.
(Philip Rosenthal, 1916 - 2001)

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