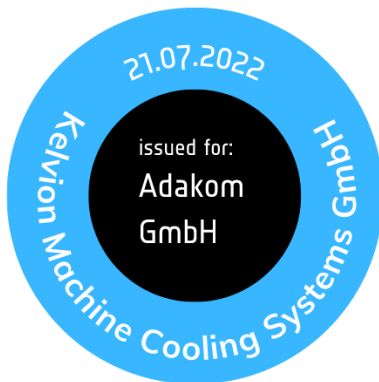


Project reference



Description

Kelvion Configurator for double tube safety (DTS) heat exchanger

Development of a configurator

Customer

Kelvion Machine Cooling Systems GmbH, Monzingen

Sector

Mechanical engineering

Locations

Europe

Topic

Integrated GUI interface for thermodynamics, strength calculation, integrated related product structure, cost calculation, creation of dimensional sketch/technical documents for the product DTS

userdefined unit components, HTRI REST interface, strength calculation, weight and volume calculation, integrate tool for material calculation and manufacturing time calculation, offer price calculation, technical printouts

In different steps, the desired DTS product is calculated for the quotation and order.

1. Step: Select desired application via filter and input the required process parameter.
2. Step: Initial thermal calculation.
3. Step: Strength calculation für the unit components
4. Step: Finalise and optimised the construction
5. Step: Price calculation
6. Step: Generate documents

Top-Competences

- Requirements management
- Project execution
- Project organization
- Project complexity

Subject-Competences

- Standardisation of processes
- Digitalization of processes
- Interdisciplinary technical coordination

Feedback on the work of Adakom

"Kaluion offers DTS as customized solutions for several applications. The configurator solution developed enables the complex configuration process to be executed in a standardized manner for predefined application types. The processing time for offers and offer revisions has been significantly reduced. The developed solution makes it possible to greatly simplify the sales process for standard applications and to roll it out to additional locations."

Fabian Huwer

Application Engineer and Product owner DTS, Kaluion Machine Cooling Systems GmbH