

TUBULAR HEAT EXCHANGERS

MEDIUM AND HIGH PRESSURE



Approved for food production
- Hygienic design - CIP (Clean in Place) - High quality

About Wila

Wila develops and manufactures technical solutions for the food and beverage industry. We are well known for our solutions, all of which have been developed for specific cases and requirements. We always apply best practice and advanced expertise, and our standards are very high. Our strength is to enter into partnerships with our customers to ensure the most unique, innovative and optimum solutions.



We are experts in the field of membrane housings, tubular heat exchangers, tanks and complete units. We supply these products for major parts of the food industry, and we develop solutions for some of the most advanced lines of business. We use state-of-the-art techniques and technologies in our production and are at the cutting edge of innovation and new thinking in terms of the market as well as in terms of our knowledge of products. We live up to these things because we have some great facilities at our disposal, and we can match your technical and quality-related requirements when it comes to hygiene and production safety.

Ready to work with your production line

We have the facilities, the know-how and the quality assurance systems to develop and manufacture stainless steel products, equipment's and plants that meet your requirements. And we have the right people to handle the job for you from its implementation to the finished delivery.

Our series of products and components have been tested and are ready to be incorporated into your production. We will be pleased to assist you with your specifications, adjustments and project design.



Tubular heat exchangers

Tubular heat exchangers are highly used in the food and beverage industry and in connection with many applications such as CIP units. In the food and beverage industry tubular heat exchangers are often used in systems to reduce or eliminate microbials to make products safe for consumption and to extend their shelf life. A tubular heat exchanger may also be used to heat or cool products prior to filling, drying, concentration or other processes.

Wila's focus on our customers' needs and on optimisation has resulted in a range of heat exchangers in two shell diameters and two pressure ratings under a main category named "THE" (Tubular Heat Exchanger). These heat exchangers are the optimum ones for most projects, but other types of exchangers and exchangers in other sizes are available from us as well.

Wila tubular heat exchangers benefits:

- Top quality and hygienic design
- Flexible customer-specific designs available

The choice of tubular heat exchanger relates to the particular product for which it is going to be used, and this may revolve around particle size or viscosity. Complex and demanding products require tubular heat exchangers with a complex design to achieve the correct heat transfer. Our engineering team are ready to support you with your requirements.

Base shell size data

Shell	Max pressure	Max flow	Max effect	Service connections	Product connections
Ø129	40 bar(g)	80 m ³ /h	800 kW	From 1.5" to DN50	From 2.5" to DN125
Ø209	40 bar(g)	200 m ³ /h	2000 kW	From 1.5" to DN50	From 4" to DN150
Ø133	60 bar(g)	70 m ³ /h	750 kW	From 1.5" to DN50	From 2.5" to DN100
Ø209	60 bar(g)	140 m ³ /h	1400 kW	From 1.5" to DN50	From 3" to DN100

Connections are as standard for heavy duty SSH clamp rings or stronger, though other types and sizes are available as well.

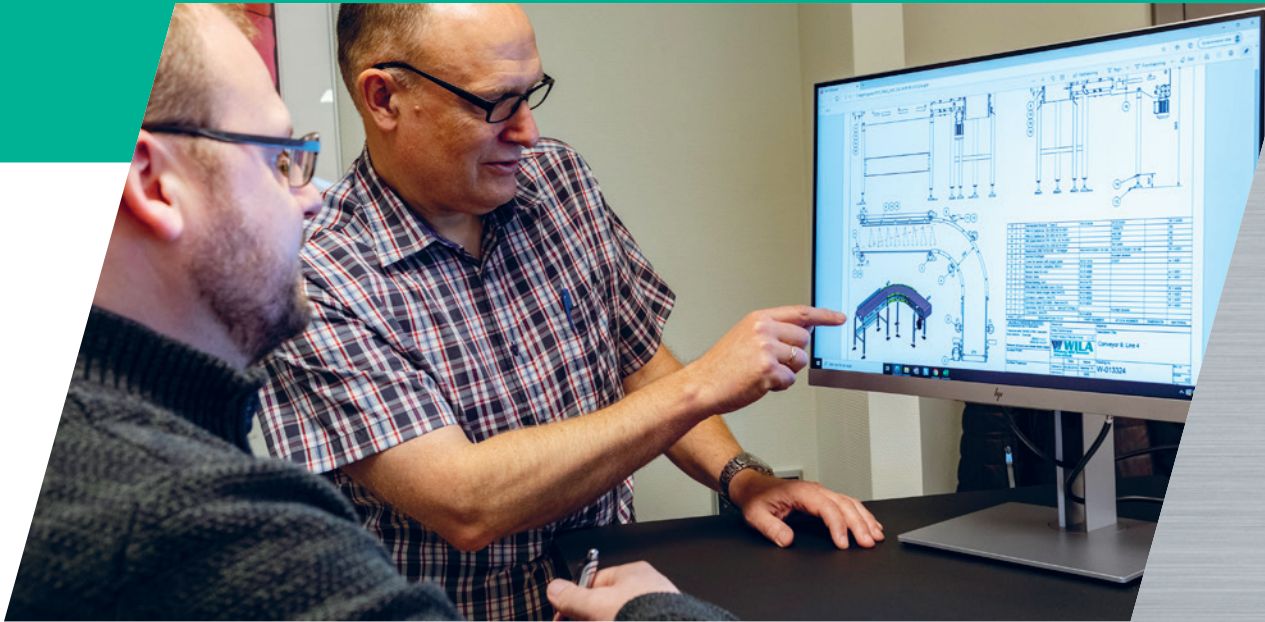
The following constitutes the various main types:

- THE Concentric product connections with dairy surface finish
- THEA Concentric product connections with 3A-compliant surface finish
- THEX Eccentric product connections with dairy surface finish
- THEXA Eccentric product connections with 3A-compliant surface finish



Wila's capabilities

Wila's design and engineering services range from complete projects to assisting our customers in achieving their goals. In the last 20 plus years we have been successful in working closely with food manufacturers and leading suppliers of process equipment for the very demanding food industry, which has resulted in highly competitive quality products and solutions with added value for our customers. Our extensive in-house expertise includes innovative manufacturing processes and design deeply rooted in solid engineering.



If you involve us early on in your process, we will act as a focused, innovative and solution-oriented sounding board for your ideas. Through a systematic and analytical approach, we will make a value-adding contribution to your project.

WILA

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