



## High-Quality Components

For the Chemical Industry and Pharmaceuticals & Life Science

Hinke Tankbau has been actively involved in tank construction for more than 50 years. Over the past 15 year tank and vessel fabrication for the chemical and pharmaceutical & life science industries have increasingly become a core business of the company. GMP-compliant models designed according to various national regulatory guidelines and codes make Hinke Tankbau a professional and reliable partner for both design engineers and end users.

Other important areas of activity are the supply of vessels to customers in the Food & Beverage industries, including fruit juice manufacturers and brewers.



## Components for the Chemical Industry

Hinke Tankbau supplies:

- Reactors with multiple heat exchangers for duties from  $-30\text{ }^{\circ}\text{C}$  to  $240\text{ }^{\circ}\text{C}$
- Installation of various pipe work elements in accordance with process technology specifications
- Special fittings for gas distribution, phase separation with floor drains etc., according to customer's specifications

Hinke Tankbau offers high flexibility thanks to internal manufacture of tank bottoms with a production range from 1,000 to 4,000 mm diameter with wall thicknesses from 4 to 12 mm.



## Components for Pharmaceuticals & Life Science

The standard range of Hinke tanks and vessels suits applications with a pressure range from -1 to 12 bar excess pressure and diameters between 1,000 and 4,500 mm. In addition, Hinke Tankbau can also provide customised solutions for special needs.

Hinke Tankbau offers high flexibility with surface roughnesses down to  $Ra = 0.5 \mu\text{m}$  thanks to the use of cylinder and bottom grinding machines.

### GMP-compliant design:

with minimised clearance volume

### Internal surfaces:

- Mechanically polished to  $Ra = 0.5 \mu\text{m}$
- Electrochemically polished to  $Ra = 0.4 \mu\text{m}$

### External surfaces:

- Ground, welded insulation, suitable for cleanroom operation



Hinke Tankbau supplies tanks and vessels for the Chemical Industry and Pharmaceuticals & Life Science for the following applications:

- Reactors, dissolving tanks, crystallisers, precipitation reactors
- Stirring tanks, blending tanks, liquor tanks
- Stirring tank evaporators
- Fermenters
- Ion exchangers
- Solvent tanks
- Vertical and horizontal storage tanks
- Buffer containers
- Recipients
- CIP tanks
- WFI tanks

Hinke Tankbau regularly works with materials such as 1.4301, 1.4404, 1.4435, 1.4571 and 1.4539 with the corresponding welding procedures and qualified personnel.

Hinke Tankbau carries the following certifications:

- ÖNORM (Austrian standard) M 7812 / Austrian Tech. Inspect. Authority
- DIN EN 729-2 Bavaria
- HPO-Certificate
- ISCIR – Romania
- Section 19 I WHG (Accred. Business Cert.)
- ISO 9001
- SVTI Switzerland



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