

# Tanks and Silos

For perfect processing



# For your process requirements

Ziemann Holvrieka designs, manufactures and installs high quality tanks for solid and fluid products and complete stainless steel and aluminum turnkey plants for the chemical, pharmaceutical and life science industry:

- Storage and process tanks
- Pressure and vacuum tanks
- Reactors
- Fermenters
- Explosion proof tanks and tanks with individual heating/cooling and insulation
- Silo plants
- Homogenizing and blending silos with degasification units
- Drying and cooling silos
- Compressor units

Customized solutions according to customer specifications enable flexibility and safety during all steps of the production process.

# Creating quality

Ziemann Holvrieka meets all the relevant national and international standards for the chemical, pharmaceutical and life science industry to include:

- ISO 9001:2000, ISO 9001:2008,
- ISO 14001:2004
- ASME/U STAMP, GHOST-R,
- PED (2014/68/EU)
- AS 2000 Leaflet HP-O
- GB 150
- Approval according to WHG regulations
- Certification according to EN 13350-2
- And many others...

Tanks are welded in accordance with Plasma, WIG, MAG and UP processes. Ziemann Holvrieka processes materials such as stainless steel, duplex steel, nickel steel, Incoloy and Hastelloy as required by the predefined norms and standards.

A key element in the manufacturing of tanks is the quality of the internal tank surface. All welding seams and tank bottoms are polished. All inner surfaces of the cone can, by customer request, also be electro-polished. Initially, surface values lie within a minimum of Ra values. The quality of the welding seams is assessed using state-of-the-art methods and documented in accordance with customer requirements. One piece tanks are inspected and certified by in-house quality control personnel and/or an independent testing institute before delivery.



Grinding plant for tank cones and bottoms



Electropolishing plant

# Construction Site Installation

If it is not possible or is not economically viable to transport a large tank in one piece, Ziemann Holvrieka manufactures tanks in mobile production centers 'on-site' without risking any loss in quality compared to factory production.

The individual parts of the tank are transported to and assembled on the construction site. Ziemann Holvrieka is the expert in the field of 'on-site' construction with numerous renowned references worldwide.



### Experience and innovation.

Ziemann Holvrieka has been building, supplying and assembling tanks and silos for the storage and handling of fluid and solid products since 1852 and 1947 respectively.

# An ideal combination for success

Ziemann Holvrieka was founded in 1852 and is one of the leading global manufacturers of brewery plants. Furthermore, Ziemann Holvrieka develops process technology and produces tanks for the beverage and liquid food industry. Based on many years of experience, global references and innovative solutions Ziemann Holvrieka is your reliable partner for the modernization of plants, the expansion of capacities or new turnkey plants.

## Your advantages at a glance:

- More than 200 years of practical experience
- The competence and infrastructure of experts in stainless steel
- Worldwide references
- State-of-the-art production locations in Europe and China
- Meets all relevant quality standards and norms
- Design, construction and transportation to include assembly and disassembly
- Large, one piece tanks or 'on-site' construction

Benefit from years of experience, innovation and the infrastructure of globally operating experts.

Our engineers stand for customized engineering and design even for largest projects.



Thank you for your time.

For all enquiries, please contact one of our sales team at a Ziemann Holvrieka office near you.

Scan the QR code or visit [www.ziemann-holvrieka.com](http://www.ziemann-holvrieka.com)

