



STAINLESS STEEL

IN TOP FORM



WE KNOW HOW

Even in the 50th year of our success story, our company has a single goal: to develop and implement the best possible stainless steel solutions. A goal that we have already achieved for and with more than 1,500 customers. Our passion for stainless steel has made us specialists: our focus is filtration technology for growth industries. We provide our customers with individual solutions in this area: developed by our in-house design department, produced with pioneering technology, and subjected to precise and continuous control and testing procedures. With more than 160 employees, we set new standards every day. In advice and development. In made-to-order single-piece production. In the project planning and implementation of whole plants on the basis of individual components that have been patented by us and perfectly complement one another.

Stefan Kuhn

Stefan Kuhn – Managing Director



EXPERTISE, KNOW-HOW & SOLUTIONS FOR THE INDUSTRIES:

- Pharmaceutical
- Food and beverage
- Chemical
- Water

160 EMPLOYEES

We set high standards. For our products, for our processes and for our employees. We provide a lot of opportunities for development and are quick to give our employees responsibility. With success: every single one of our around 160 employees is committed – with their knowledge and experience – to the quality of our products and the satisfaction of our customers. Personally, competently, with a focus on solutions.

50 YEARS OF EXPERTISE

Two men with equal enthusiasm for a single material: Albert Sommer and Rolf Strassburger were fascinated by stainless steel and its possibilities. Together they equipped breweries and wineries with fittings made of this material, which is low-maintenance and durable due to its high degree of purity. It is also ideal for the processing of liquid and solid foodstuffs. The passion of the early years lasted and our customers still include breweries and wineries to this day. In 2018, GESCO SE, Wuppertal, acquired 100 % of the company shares and managed Sommer & Strassburger as an independent company within the group. In 2022, INEX-solutions GmbH bundled the stainless steel specialists Hubl and Sommer & Strassburger under a separate holding company.

13.500m² SPACE FOR INNOVATION

In Bretten, we have space – for ideas and innovations in the field of stainless steel processing. Our location between Karlsruhe and Heilbronn is the perfect point of origin for stainless steel solutions.



SPECIALIST in stainless steel

in terms of quality and efficiency

SERVICE QUALITY

Custom-tailored solutions

Specifying, combining, implementing future-oriented solutions

We know what is important when it comes to the processing of stainless steel – in little components and in large filtration plants. In the case of solid and liquid foodstuffs, or pharmaceutical and chemical products, we take care of every detail.

The optimal material quality is just as important to us as the smooth processing of production and manufacturing plants. Due to our vertical range of manufacture from the design to the implementation, we are the absolute specialist when it comes to filtration.

Stainless steel is our material

We predominantly process the stainless steels 1.4301, 1.4571, 1.4404 and 1.4435. But we can do more: we also have manufacturing and welding approvals for special materials such as duplex (1.4539), super duplex (1.4462) or Hastelloy (2.4602) as well as mixed joints.

Our vertical range of manufacture is our strength

When it comes to guaranteeing the high quality of our components and plants, we leave nothing to chance. We rely on our own production facilities, consisting of CNC machines, 3D milling machines, a 5-axis machining centre, and plasma and orbital welding equipment. Our facilities also include pickling and e-polishing equipment.

Innovative strength is our future

Standing still is not an option for us: We are constantly investing in the expansion of our machinery and our capacities, and in the development of our employees. These are our resources for meeting the high national and international demand.



DID YOU KNOW ? ASME, SELO, CRN, KEA & Co.

From Bretten to the world: our products can be found throughout the world. In addition to our national certifications and approvals, our comprehensive quality management has also won over the authorities in America, Canada, China and Korea.

The ideas and visions, the wishes and demands of our customers are at the focus of our work. We provide advice in the concept phase, develop projects collaboratively until the project launch, and implement and install individual components and complete plants.

Our highly professional and multidisciplinary teams consist of experts in materials and design, technology and manufacturing. We have many years of experience, with which we support our customers right from the start.

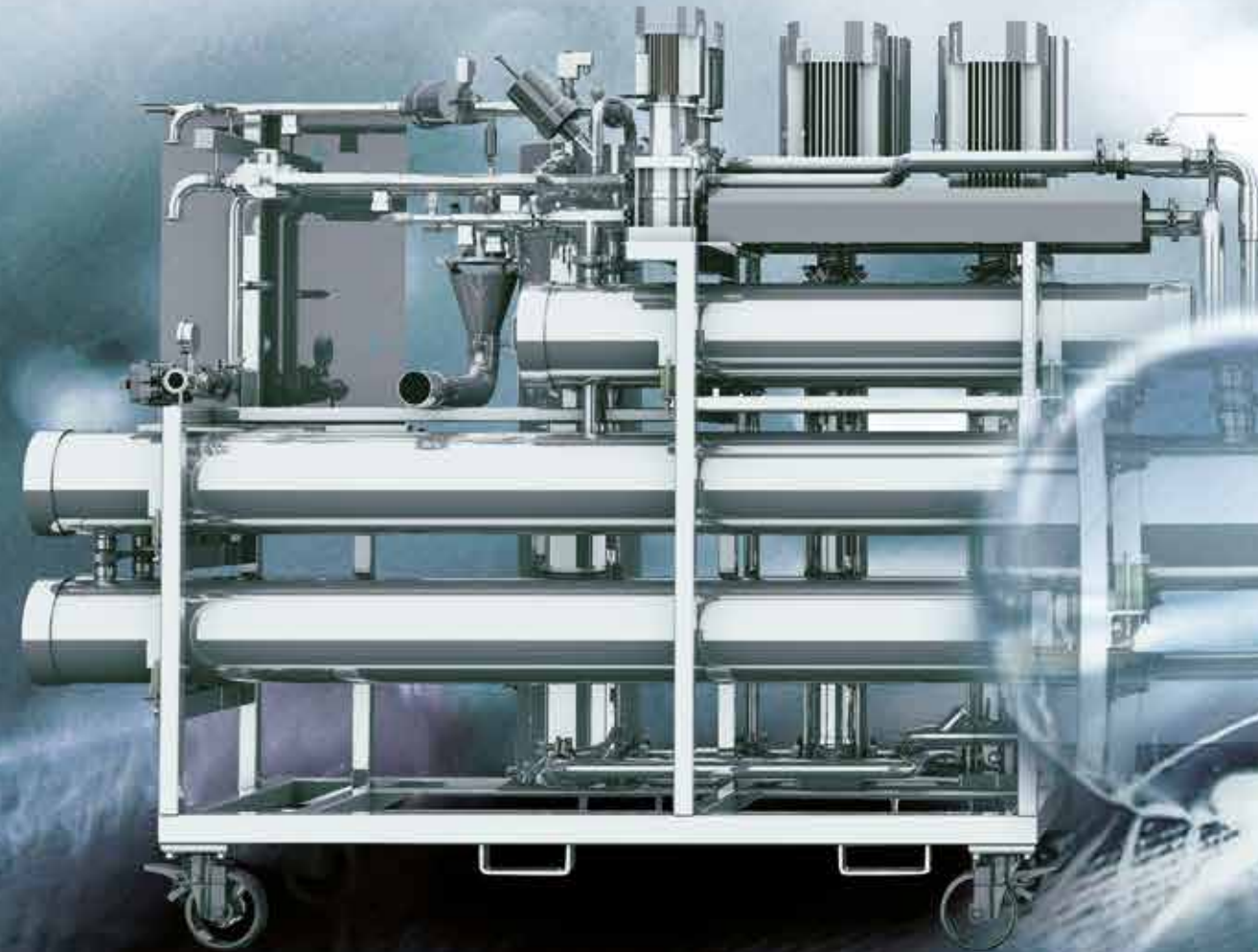


The BIG picture

Plant engineering of the highest quality

Whatever industry you come from, we will construct your plant on the basis of the flow chart, the 3D design or even just a sketch. We are happy to use our tanks, MembraLine® membrane housings or our FiltraLine® filter technology, which enable us to complete whole plants particularly quickly and optimise delivery times.

With our comprehensive high-tech machinery, we employ numerous manufacturing processes, such as sawing, turning, milling, welding and sheet metal processing. Our plant engineering processes enable us to erect structures up to eight metres high. We can also furnish your plants with piping in accordance with one of the most important American standards for pipelines ASME B31.3.



Our 10 POINT SYSTEM

for perfect stainless steel

- Manufacturing of membrane housings, tanks, heat exchangers, filter housings extrusions and plants
- Qualified 3D design according to a flow chart
- Incoming inspection of all materials and supplies
- Frame construction with structural analysis, and seismic load calculation
- Specific tests, such as material mix-ups (XRF spectroscopy), X-rays, dye-penetrant inspections or pressure tests, possible on site
- Endoscopic inspection and documentation by VT inspectors (filming or photography possible)
- Production of components in high-quality materials such as Hastelloy, Duplex, etc.
- Manufacturing in accordance with the technical standard ASME B31.3
- Product solutions custom-tailored to the customers' requirements
- Extensive approvals and certificates

THE INDUSTRIES

Know-how with high quality standards

PHARMACEUTICAL

The high quality standards of components for pharmaceutical production often pose a major challenge. A challenge that we will always accept: whether it's designs with minimal dead space, optimal surface qualities or complex documentation records – we develop solutions for people's health.



WATER

Not all water is the same. Quality makes all the difference – in pharmaceutical water, medicinal water, water for the production of beverages or water for beverage blending. We provide the best filtration on the basis of individual criteria, oriented to your needs.



CHEMICAL

When it comes to handling hazardous liquids and gases, extensive regulations must be observed with regard to the design, manufacturing, acceptance and documentation. We have specialised in this field and support major, globally operating chemical companies with the smooth fulfilment of these requirements. We manufacture our stainless steel components on the basis of national and international certificates and approvals.



FOOD & BEVERAGE

Hygiene is of central importance in the food industry and must meet high quality standards in every area – at all times and without any gaps. Our stainless steel elements, modules and plants are made with a hygienic design and special properties to suit the respective applications.



Details about our products:
www.sus-bretten.de/en/products/

Made TO MEASURE

Individual components and customised special products



FiltraLine®

Whether it's different sizes, a wide variety of connections, innovative functions and features, or special housings according to specific customer requirements – we manufacture tailor-made cartridge filter housings, bag filter housings and modular filter housings that correspond to your pre-defined ideas and requirements in every detail.

MembraLine®

Adapted to accommodate membrane elements from microfiltration to 160 bar high-pressure reverse osmosis, our MembraLine® membrane housings guarantee reliable filtration. We also manufacture stainless steel components to accommodate membranes ranging from 1.8" to 8.3". Our modular system offers the option of configuring suitable housings individually and assembling them from standard parts. The ETFE-coated ResiLine® membrane housing for highly corrosive media is a pioneering innovation in our product range.

Special products

We are aware of the challenges that our customers in the food & beverage, chemical and pharmaceutical industries face – and we have the corresponding customised solutions. We support our customers with efficient components and complete plants. We take care of all the steps from the thermal engineering calculations and the design to the production. We develop series with tank sight glasses with minimal dead space and high-pressure flanges for high process pressures that meet even the demanding standards of the food & beverage and pharmaceutical industries. We manufacture process tanks and pipe extrusions according to your customer specifications or support you in the design and construction.



QUALITY FOR CERTAIN

Quality management, certified according to DIN ISO 9001:2015



Our stainless steel pressure components are designed and calculated according to AD2000 as standard. The set of rules is widely accepted even outside Germany due to its testing and documentation requirements. Our pressure equipment can be delivered with the following acceptance documents or approvals:

DGRL 2014/68/EU Module A to H/H1
ASME Sec. VIII Div. 1 U-Stamp, UM-Stamp and R-Stamp
SELO licence
 (China Special Equipment Licensing Office)
CRN (Canadian Registration)
KEA (Korea Energy Agency)

Contact and service

Our team will be happy to provide you with comprehensive advice!

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We act responsibly.

As one of the leading companies in stainless steel plant engineering, we see it as a matter of course to act sustainably in the areas that are within our control. We also stand for regional production partnerships: together we can make a difference!

We are working to continuously reduce our carbon footprint. Because we are aware of our responsibility.



 A company
in the GESCO Group

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