

Engineering, construction and manufacturing of

- Process plants
- Equipment
- Tanks
- Piping systems
- Airport systems

in Stainless Steel



IST has been supplying process plants, equipment and piping systems in stainless steel for the food, machinery, printing, pharmaceutical and chemical industries since 1975. In addition to this, it has continually equipped water supply systems, municipal facilities and airport infrastructure.

IST provides its clients with comprehensive, innovative and tailor-made products and system-based solutions. Its longstanding know-how and expertise are consistently enlisted to ensure your satisfaction – IST's highest priority. The close coordination between planning, development and production enables it to respond quickly and flexibly to client needs. As a Swiss producer, the company has committed itself to the "Swiss Quality" standard of excellence.

The IST brand stands for the highest in quality

IST's quality management system is based on the stringent requirements of EN ISO 9001 and EN ISO 14001. To ensure the highest quality in all aspects, IST utilises trained and skilled employees and produces exclusively at its facilities in Switzerland.



Our core business:

- Piping systems
- Process plants
- Equipment
- Tanks and containers
- Water supply & waste water treatment plants
- Heat exchanger
- Airport systems
- Customer-specific plants and prototypes

Why stainless steel?

Quality

Stainless steel components are easy to clean, virtually maintenance free and durable.

Safety

Stainless steel is strong, corrosion resistant, wear resistant and resilient.

Design

Stainless steel is aesthetically pleasing.

Environment

Stainless steel has a better energy and resource-use balance and is 100% recyclable.

Costs

Technically and economically, stainless steel is probably the better solution.

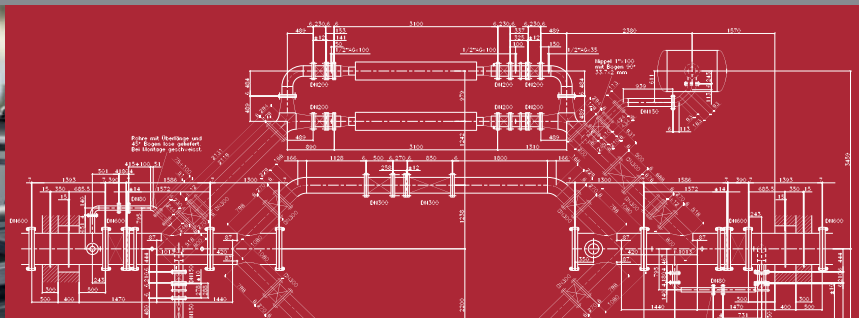
swiss made

Core Business

The professional processing of stainless steel has been a part of IST's core business for over 35 years.

As a general contractor, IST can supply complete system solutions manufactured in stainless steel, including MSR process and measuring control technology – all from a single source. From planning, engineering and manufacturing to installation, IST covers the entire spectrum of process plants, equipment and piping construction.

Its qualified staff, excellent working conditions and modern production environment ensure a long life for its products.



Industries:

- Food and beverage industry
- Chemical and pharmaceutical industry
- Medical technology and Hospitals
- Machine industry
- Recycling and waste disposal industry
- Printing technology
- Paint and varnish industry
- Nuclear and explosives industry
- Watch industry
- Gas industry
- Water supply and waste water treatment plants
- Airports
- Public transport
- Real estate
- Colleges and Universities
- Military



Consulting and Engineering

IST designs your equipment in line with manufacturing capabilities, utilising technologically innovative, user-friendly and economical design practice – all to meet your needs.

Manufacture, Assembly and Installation

IST designs (CAD, 3D), manufactures and installs plants, equipment and piping systems in accordance with your requirements.

MSR/Electrical/Automation

With its in-house electrical department, IST can supply components or systems complete with electric/pneumatic controls, PLC and required programming and startup.

IST as General Contractor

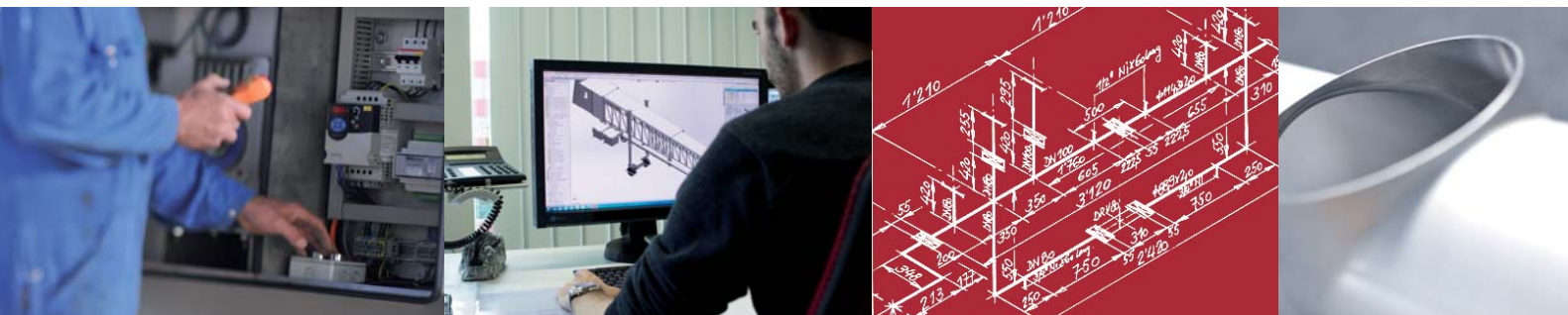
On request, IST can act as a general contractor for integrated projects and assume the responsibility of coordinating all sub-contracts on your behalf.

Job/subcontract production

- Pipe collaring $\varnothing 25-1000$
- Immersion pickling/passivation of Stainless Steel
l/w/h 6600/1150/1000 mm
- Spray pickling of Stainless Steel
l/w/h 20000/5000/4500 mm
- Wet glas/Inox bead blasting for design surface of Stainless Steel
l/w/h 14000/4500/3500 mm
- Pipe bending
- Isometric pipe construction
- Welding: TIG, MIG/MAG, Orbital

Testing methods and equipment

- X-ray
- Photo and video endoscopy
- Ferrite content and oxygen measurement
- Dye / colour penetration



CE compliance

As TÜV-certified CE coordinator, IST can advise and support you in complying with the Machinery Directive 2006/42/EC.

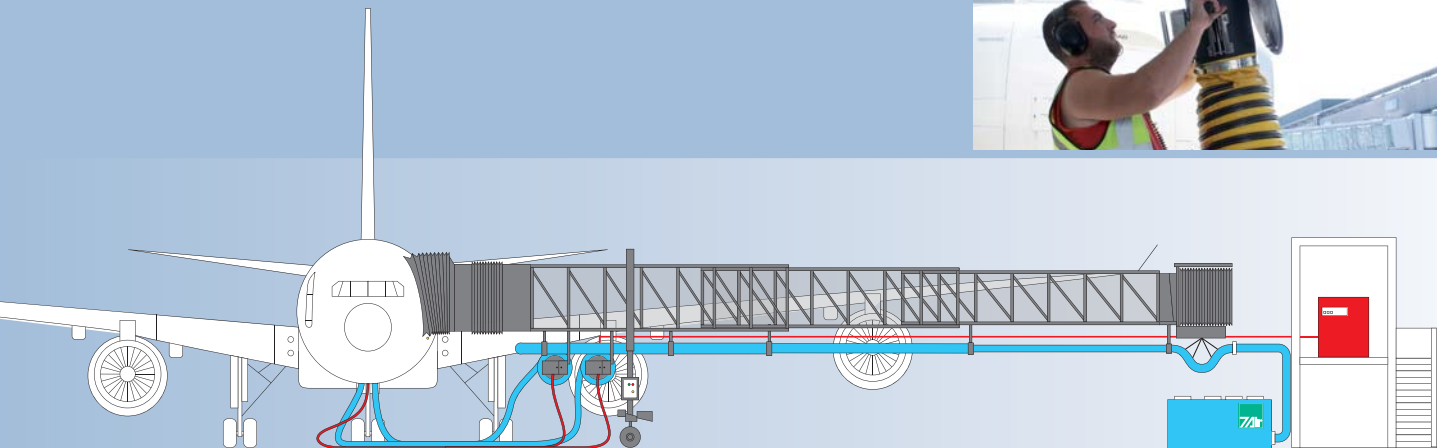
Certification

IST is certified according to the European Pressure Equipment Directive PED 97/23/EC Module A1 and C1 (Swiss TS/SVTI/TÜV). Its products comply with a full range of European Directives (e.g. MD, ATEX, LVD, EMC ...) and the highest internationally recognized standards of quality. All of IST's employees meet the requirements stipulated in EN 287-1 and are qualified in various welding procedures.

Aircraft Ground Energy System – AGES

Based on years of experience, competent expertise and innovative ideas, IST offers the world's first totally integrated system for the supply of electrical power and pre-conditioned air to aircraft on the ground: the Aircraft Ground Energy System AGES.

Stationary Aircraft require (400 Hz) electrical power during their stay on ground. Depending on the ambient environmental conditions, they also require pre-conditioned air (PCA) for the heating and cooling of the cabin. These ground energy needs are traditionally provided by an Auxiliary Power Unit (APU) located at the rear of the aircraft. As a result of the poor efficiency (8-14%), the APU is a major contributor to pollutant emissions and noise at the airport and its environment.



Through the use of stationary systems that provide power and pre-conditioned air, typical fuel savings of up to 90% (excluding grey energy) can be achieved when compared to the fuel used by the APU. The emissions of CO₂ and other pollutants are respectively reduced by 90% while the ramp noise level drops considerably.

Rising fuel prices and a greater need to protect the environment demand a greater awareness and fundamental review of energy efficiency. The implementation of AGES allows airports to invest in the future as well as the environment.





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Certificates

