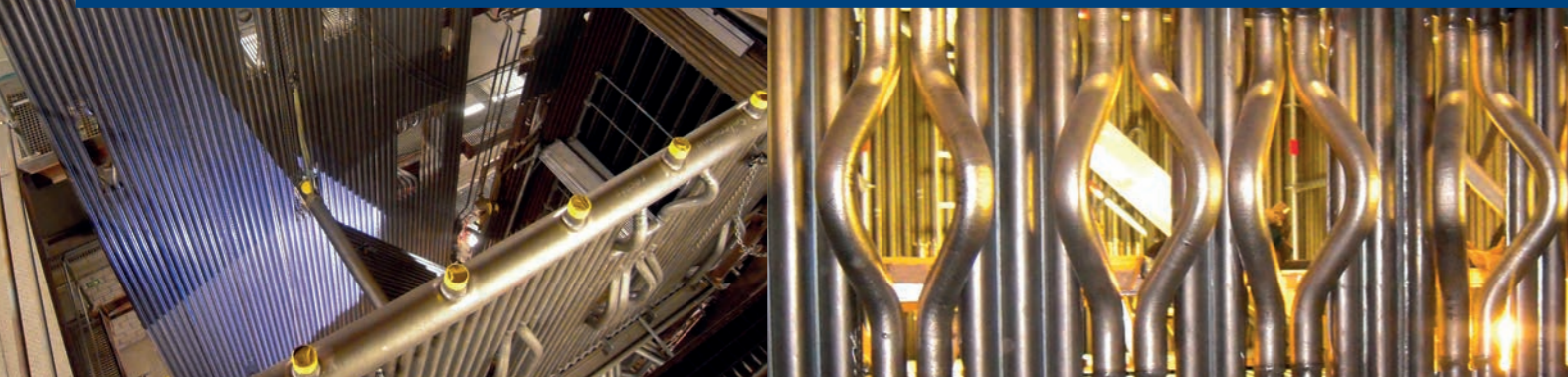


Hitachi Zosen
KRB

For boilers and firing systems

Manufacture, installation and servicing
- one stop solution for your plant





Innovative, high-quality, flexible, customer-oriented and unique

Hitachi Zosen KRB - Boiler and Pipe Construction
- Your partner for inspections and products for thermal waste treatment.

We are your qualified partner for services in all aspects of boiler systems and firing-system components since 1997. Our many years of customer relations and partnerships based on professionalism and trust are our unique selling point. Our experienced workforce and the high-quality products are the basis of our success.



We create added value for your business

We offer you solutions for servicing, reducing inspection times, enhancing performance, prolonging service life and modernisation with tailor-made concepts, matched to your needs.

We develop extremely high-quality components because we manufacture all parts ourselves by using high-quality materials.

Our broad specialist knowledge, innovative approach and efficient mode of working are what make our staff stand out from the crowd.



Quality is our utmost concern

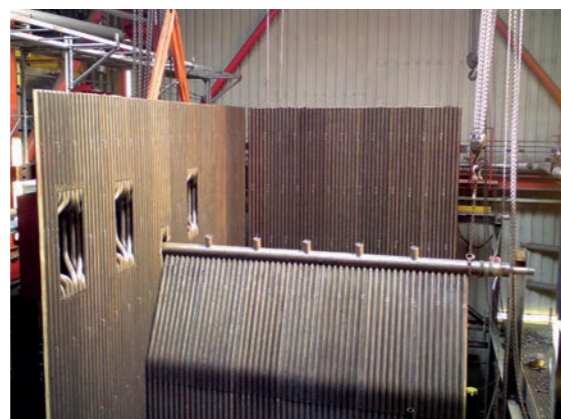
Ongoing further-training of our highly qualified workforce in the manufacturing and installation sectors and our high safety standards guarantee that your projects are implemented in accordance with applicable standards and legislation. Our company and our welders have been granted the required Swiss Technical Inspection Authority (TÜV) and Swiss Technical Inspection Association (SVTI) permits. Certified inspection and measuring personnel and our own welding expert complete our high-performance team.

Permits and certificates

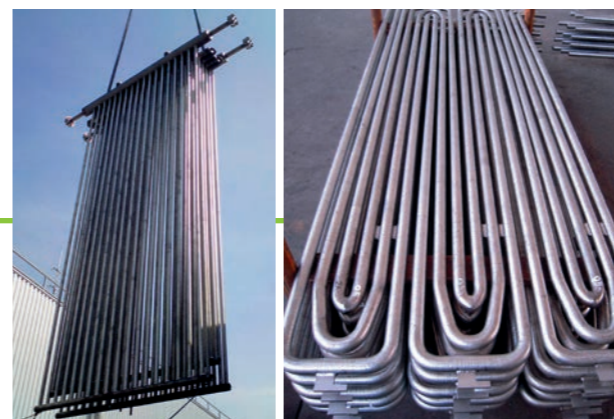
- Quality Management System ISO 9001
- Environmental Management System ISO 14001
- Occupational Health and Safety Management System OHSAS 18001
- Quality requirements for the fusion welding of metallic materials ISO 3834-2
- Certificate for Manufacturer according to the Pressure Equipment Directive 2014/68/EU (97/23/EC) Annex I, § 3.1 and the Swiss Ordinance on the safety of pressure equipment SR 819.121 for the workshop
- Certificate for Transfer of Markings according to the Pressure Equipment Directive 2014/68/EU (97/23/EC) Annex I, § 3.1.5 and the Swiss Ordinance on the safety of pressure equipment SR 819.121 for the workshop
- TÜV Certificate for Manufacturer according to AD 2000-Merkblatt HP 0, EN 12952-5 and EN ISO 3834-2
- TÜV Certificate for steelwork according to EN 1090-1 and EN 1090-2



Bridge breakers

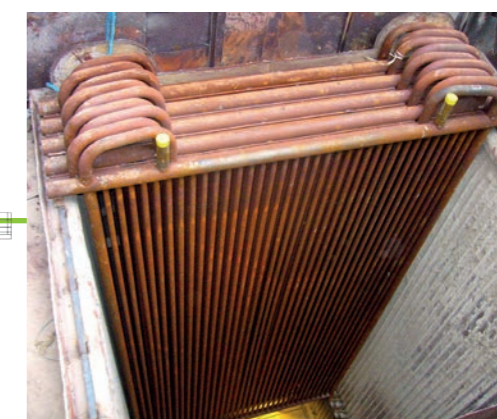


Membrane walls



Preheaters

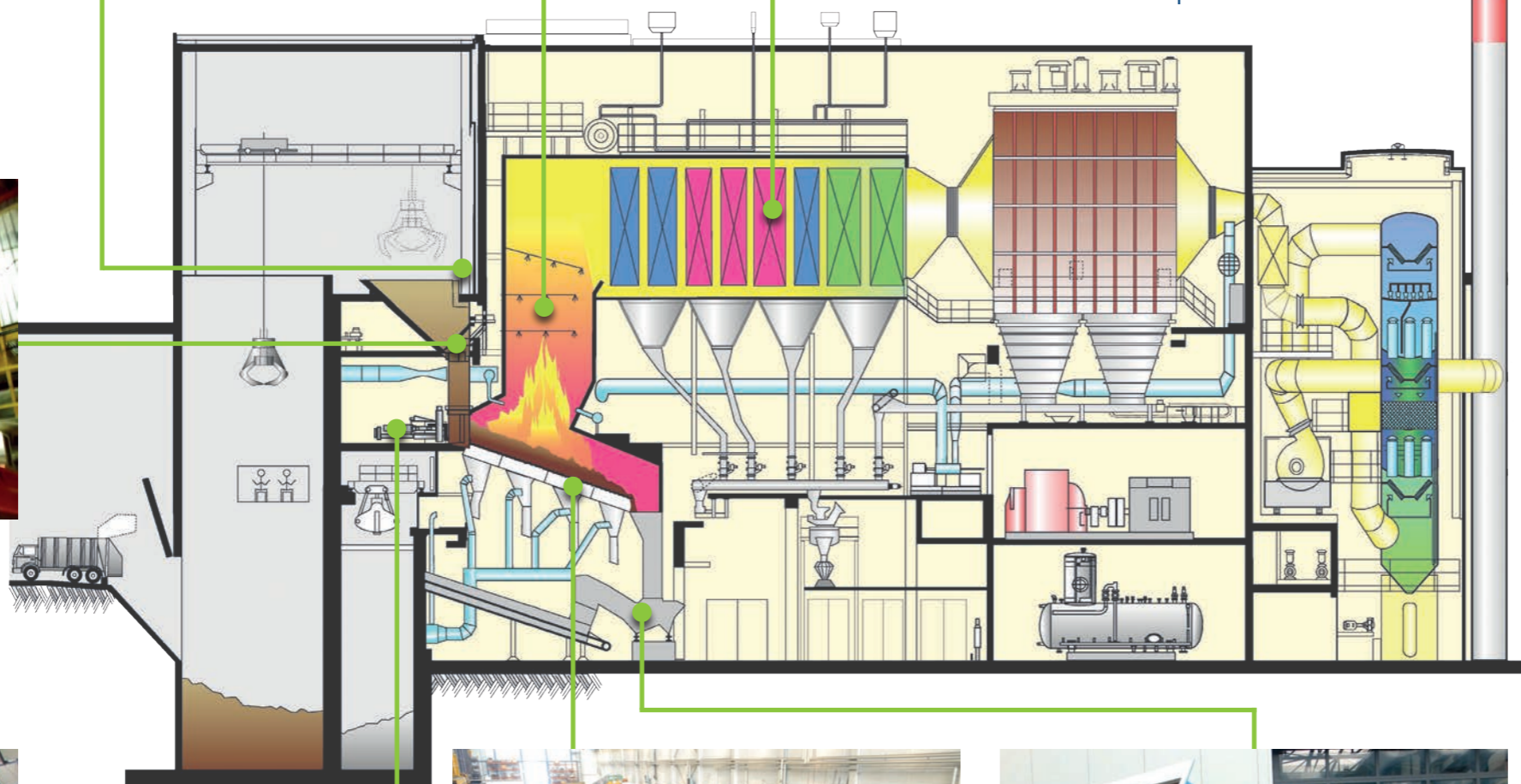
Superheaters



Economisers



Filler shafts



Ram feeders



Combustion gratings



Ram bottom and chain ash extractors

Manufacturing for steam generators and firing systems

Our specialist field is manufacture of pressure components for boilers, such as membrane wall components, serpentine or harp superheaters, evaporators and economisers - black or with 1-2 mm cladding using the CMT (Cold Metal Transfer) process.

Firing-system and mechanical-engineering components such as filling hoppers, ram feeders, combustion gratings, ash and slag hoppers, ram bottom and chain ash extractors and all types of spare parts are also manufactured at our Swiss production plant.

They are manufactured in accordance with prescribed design drawings or design drawings which we ourselves elaborate (Inventor, AutoCAD). Our performance spectrum also covers extensive design calculations for boilers and components.



Repairs and inspections

We carry out maintenance, servicing, conversion, optimisation and repair work on boilers, gratings, slag removers and system components of all manufacturers efficiently, with high-quality and on schedule.

We organise qualified personnel, permits, special transport operations, mobile crane and tools regardless of whether dealing with annual inspections, short-term operation or extensive installation work involving multi-shift operation. We perform planning, implementation and Swiss Technical Inspection Authority (TÜV) acceptance testing for your project conscientiously and with experience.

Clear documentation (complying with the Swiss Technical Inspection Authority (TÜV) and Swiss Technical Inspection Association (SVTI) requirements), including inspection report, describes the work performed, lists the replacement parts and parts subject to wear which have been fitted, together with their installation locations, and provides recommendations for future inspections.

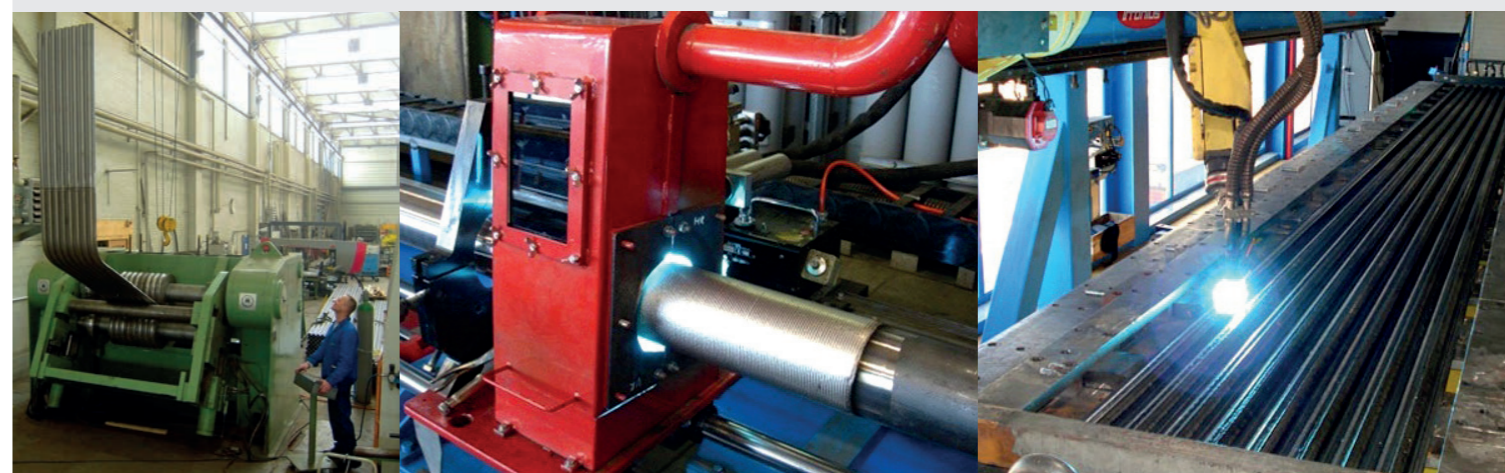
Together with our affiliated company Hitachi Zosen Inova Kraftwerkstechnik in Germany, we have a large pool of installation personnel with many years of experience in the sector of boiler construction. This enables us to handle even large projects in-house.

Expertise in combination with a state-of-the-art machine fleet

These guarantee us reliable and competent handling of your orders on schedule. All components are manufactured in our generous workshop, equipped with state-of-the-art production facilities.

Our machine fleet comprises:

- Two welding robots with 6 m and 11.5 m welding length for coating in downhand position which results in a smooth and neat surface of high quality
- Three automatic pipe weld-on machines with a welding length of up to 8 m
- UP machine for manufacturing membrane walls
- Bending machines for membrane walls and single pipes with and without cladding
- Fully automatic pipe sandblasting and grinding system
- Continuous-pass sandblasting system
- Trimming and straightening presses
- CO₂ laser, 5,000 W, 3,000 x 1,500 mm for mild steel (up to 25 mm), stainless steel (up to 20 mm) and aluminium (up to 12 mm)



«Hitachi Zosen KRB is small and agile. This means fast response times and both flexible and customer-focussed services.»

KMU Forum magazine

Quality inspection

Using regular boiler inspections, wall thickness measurements, coating thickness measurements and Fe measurements, we inspect and document the condition of boiler systems by means of measurement reports and diagrams.

Remedying faults quickly

In the event of a fault, you can call our round-the-clock standby service any time (even on Sundays and public holidays) and they will be on site within a few hours.



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