

Heating and hot water systems



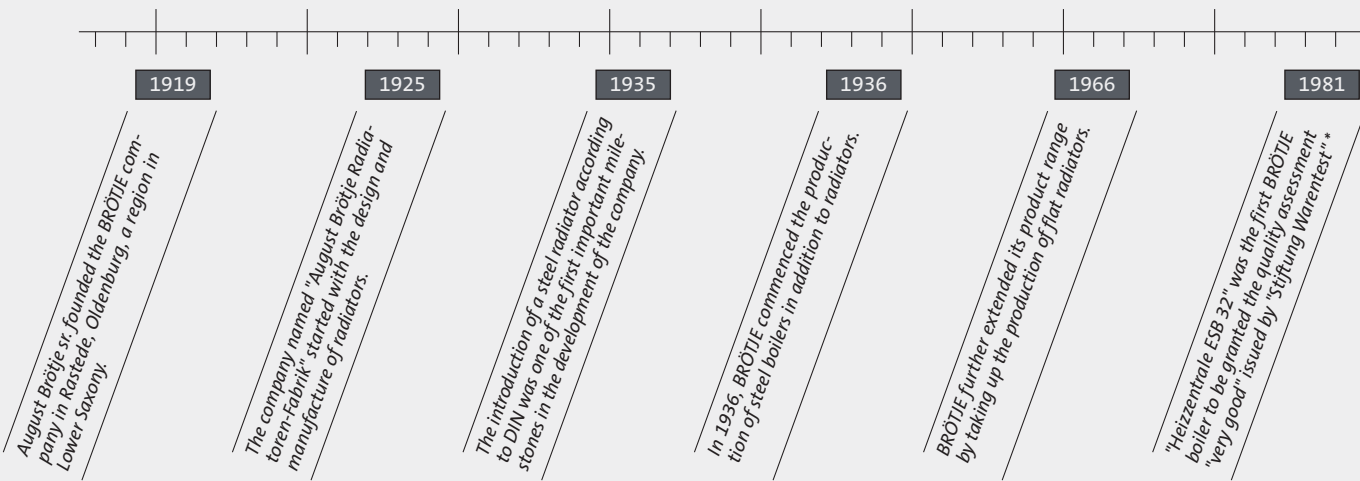
FASCINATION BY PROGRESS

...besser mit Brötje

August Brötje

THE HISTORY OF QUALITY AND SUCCESS

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Heating technology based on experience

BRÖTJE has gathered as much as 85 years experience in the field of heating technology. A company history characterised by innovative high-quality products, based on extensive know-how and high efficiency in the field of heating technology. In the course of its history BRÖTJE has developed a large number of new technologies and heating system products using gas, oil or solids. With these future-orientated developments – especially in the field of condensing technology – we have set new standards and achieved great success. As a member of BAXI Group Ltd., one of the most important and renowned company groups involved in innovative heating technology in Europe, we are among the European leaders in the supply of heating systems.

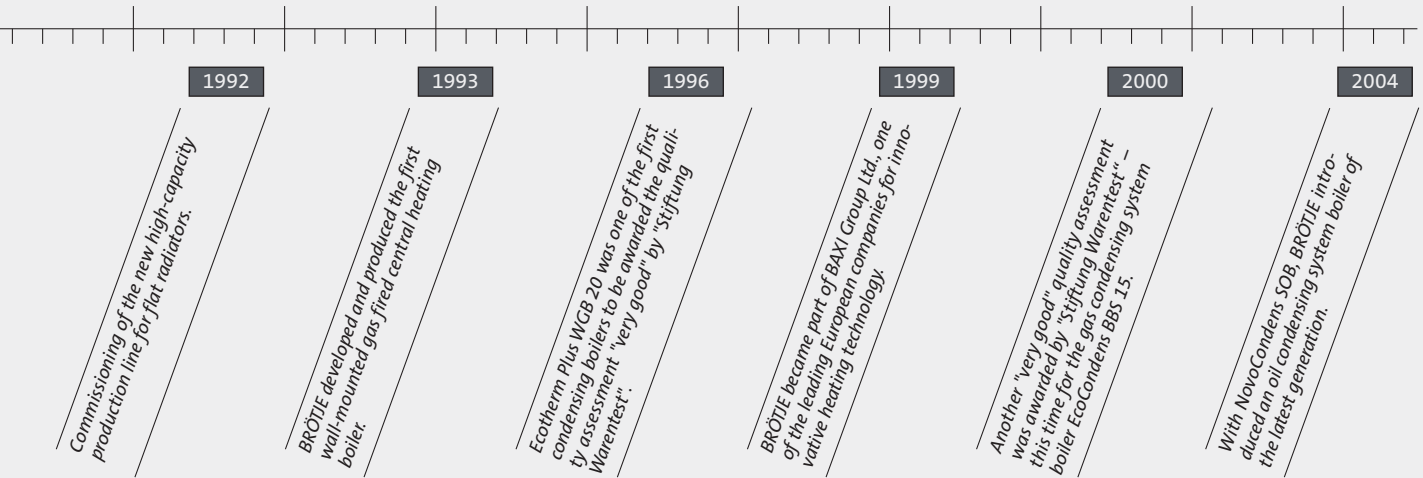
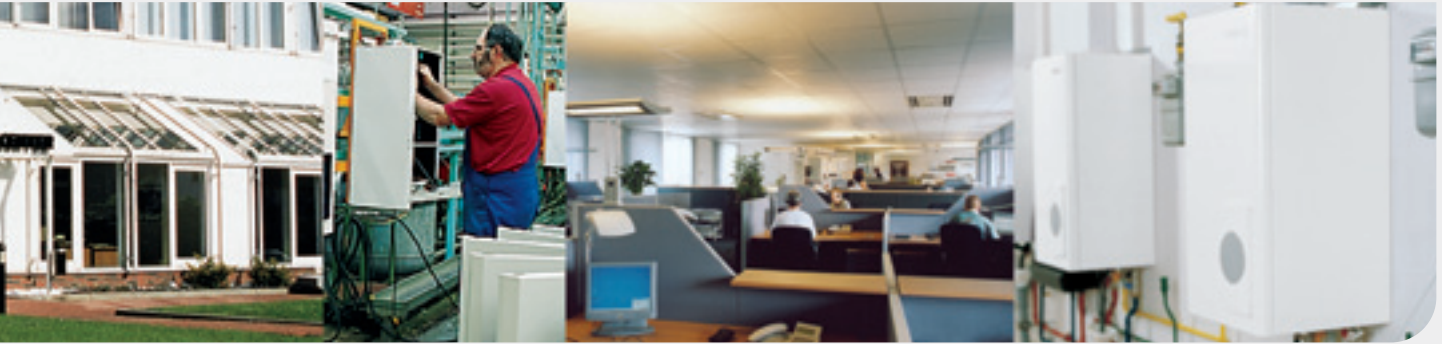
Well-proven and tested quality

Quality is achieved not only through testing: At BRÖTJE, each member of staff, no matter what his or her tasks are, is committed to excellence. In order to comply with customer requirements, for planning, execution, monitoring and improvement of all quality related activities and to enhance customer satisfaction, BRÖTJE has introduced a quality and environment management system to DIN EN ISO 9001:2000 and DIN EN ISO 14001 which is adhered to throughout the company. The directives relating to quality, environment and work safety management are compulsory for all staff. Each product leaving our premises is subject to stringent control. Apart from the general assembly, all functions are checked "live" – because we want you and not our products to come back to us.



* Organization for the Comparative Testing of Consumer Goods

Milestones in a company history



An excellent product portfolio

The large product portfolio of BRÖTJE comprises numerous components in the field of heating technology to suit a wide range of demands: compact wall-mounted or floor-mounted heating systems for gas and oil, advanced condensing boiler systems, efficient automatic control, solar systems, low-consumption hot-water tanks and various types of flat radiators as well as radiators for bathrooms and specially designed radiators. This is an excellent portfolio – supplied by a manufacturer who has achieved the quality assessment "very good" for heat generators on three separate occasions.



Wall-mounted condensing gas boilers and heating systems

EFFICIENCY AND COMFORT REQUIRING LITTLE SPACE

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EcoTherm Plus WGB with a capacity of between 3.5 and 70 kW



EcoCondens BBS – the efficient centre for heating and hot water



Cost effective and compact – EcoTherm W gas boilers

Ease and comfort thanks to the most advanced technology

Condensing gas boilers and heating systems made by BRÖTJE are highly efficient systems with a low fuel consumption. The economical BRÖTJE condensing gas boiler product lines EcoTherm and EcoCondens are good examples. They offer advanced condensing gas technology, have a compact design and achieve maximum utilisation ratios. EcoTherm Plus WGB for example yields an efficiency of up to 109%. This helps to reduce heating costs by between 10% and 14%. As compared with old systems, up to 30% savings are possible. The EcoTherm Plus and EcoCondens condensing gas boilers are also available as a "Pro" variant. BRÖTJE is the only manufacturer to fit the boilers with a permanent magnet motor pump which reduces the cost of operating the heating circuit pump by up to 70% as compared with a standard pump. The enhanced modulation range of the "Pro" versions extends from 17% to 100%. The same efficiency is achieved by BRÖTJE gas heating systems which meet many demands with respect to comfort and installation possibilities. With BRÖTJE gas heating systems you will save much more than just space.



Oil-fired condensing boilers and low-temperature boilers

TAILOR-MADE EFFICIENCY



LogoBloc Unit with a capacity from 17 to 40 kW, with floor-mounted EAS system tank



LogoBloc L with floor-mounted EAS system tank



The oil-fired condensing boiler NovoCondens SOB – excellent energy utilisation along with an efficiency of up to 103%

More warmth, less heating oil

BRÖTJE offers sophisticated heating technology to meet any demand when using oil. No matter whether for new buildings or renovations: With the oil-fired condensing boiler NovoCondens SOB using low-sulphur oil and even EL heating oil, you will benefit from all the advantages that advanced condensing technology has to offer. The low-temperature LogoBloc system with its optimally coordinated boiler and condensing technique ensures maximum efficiency. This system is available either with a separate hot-water tank or with an integral charge pump tank. What is common to all BRÖTJE oil-fired heating systems is the high degree of energy utilisation, silent operation and a long service life. These are features that distinguish all heating systems made by BRÖTJE.



Solar systems

USE THE SUN AS YOUR PARTNER

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Environmentally friendly solar energy for heating water and for supporting the central heating system



Recommended system for new buildings: The IK 25 E solar collector for in-roof installation



A tank full of solar power: The SBH multi-layer tank

A decision that pays off

The W and WH solar systems made by BRÖTJE help to use solar energy efficiently for water heating and for supporting central heating systems. They are environmentally friendly forms of energy supply that cover up to 60% of the annual energy required for hot water preparation (W system). The new WH solar system uses solar energy also for supporting central heating systems in transition periods and thus provides further energy savings. Depending on the relative need for hot water and warmth, up to 30% heating energy may be saved. Furthermore, the use of solar energy benefits the environment by reducing CO₂ emissions and by saving primary energy resources. In addition to their highly efficient utilisation of energy, BRÖTJE solar systems are characterised by their high quality: all modules are designed for a long service life and perfectly adapted to each other. Both solar systems can be integrated into existing heating systems. Attractive government support programmes make a decision for solar energy even easier. It is a good decision for the benefit of the environment.

Flat radiators and radiators for the bathroom

WHEN ELEGANCE AND FUNCTION ARE COMBINED



EuroPlan flat radiators are available in the "Kompakt" and "Excellent" (with valve) versions



The clear-cut elegant profile of EuroProfil



exclusiv kombi – possibility of connection to a floor heating system

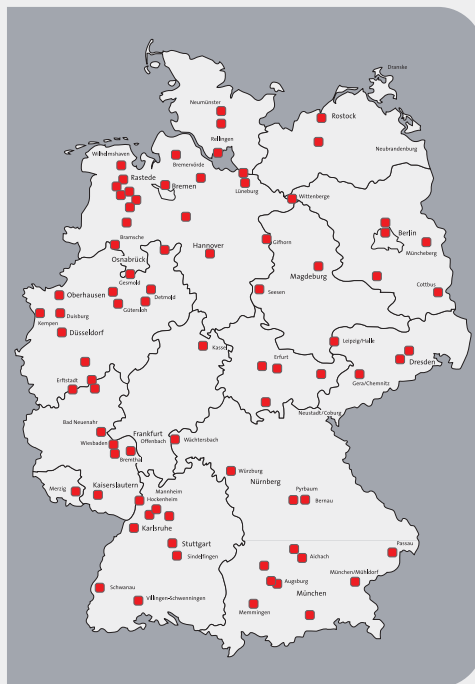
Warmth can be so attractive

Radiators should not only offer optimum heat radiation but also, as the visible part of a heating system, have a pleasing appearance. The low temperature flat radiators EuroProfil and EuroPlan made by BRÖTJE combine perfect design and an optimum relationship between radiation and convection. With their clear-cut design they are suitable for both public buildings and private homes. The exclusive radiators for bathrooms made by BRÖTJE feature the same optimum properties as the flat radiators. They impress by their elegant design, ideal heat radiation and perfect functionality. The BRÖTJE exclusiv kombi series of radiators for bathrooms offers a unique feature: it can be connected to a floor heating system. All thermostats and screw fittings required for connecting the radiator to the floor heating system are available as standard parts. This allows central control of all heating elements. All connections are installed in the wall behind the radiator and thus are not visible. This is an exemplary, remarkable heating solution.

A PARTNER WHO IS ALWAYS CLOSE TO YOU

Always at your disposal

As one of the leading companies in the field of heating technology, it goes without saying that BRÖTJE has an extensive service network. We are always available in your area – whether it is for commissioning, maintenance or troubleshooting. BRÖTJE service staff are always available to help their customers in the specialized trade and may be contacted by phone or fax or on the internet. You can rely on us, we will assist and support you with expert advice on all technical issues and any problems that may occur.



People generating warmth

It is the people working at and for BRÖTJE who are behind the innovative technologies and the modern, market-orientated BRÖTJE products – the experience and know-how of a committed staff of more than 420. They are the basis for the quality and dependability of our products and for a successful portfolio which meets market demands and offers our customers optimum heating comfort and maximum efficiency. These are the people who bring warmth to your home.

Success through a strong union

Since 1999, BRÖTJE has been working closely with BAXI Group Ltd., one of the most important high-capacity groups of companies associated with heating technology in Europe. It is a partnership that pays off: BRÖTJE benefits from all the expertise of one of the leading European manufacturers of heat generators and from an exchange of experience spread across 28 sites in 10 countries. This is an advantage that ensures that innovative products at highest technical level will continue to be produced in the future.

BAXI GROUP

