



Japanese macaques flee cold mountain air to warm up in hot springs. A whim of nature. A link between icy cold and boiling hot. They feel reborn. Sustainability is being creative in applications. Changing from raw materials state into residual products, into new raw materials. From water, into ice, into water.

BRONSWERK[®]

HEAT TRANSFER

Dynamic Heat Exchange Solutions

Sustainability

Assessing the relation between Society and Industry



“ Bronswerk ponders with you! ”

Mr. W. Stam – Former Director for Rotary Machines at Shell Global

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Bronswerk solves heat transfer and fluid-flow problems. We optimise existing processes and develop innovative products. This allows us to offer our clients the most efficient and advantageous solutions. Guaranteed to be sustainable and energy-efficient.

Bronswerk is to be found in the midst of global action. Both literally and figuratively. Our location in Nijkerk is ideally situated. Easily accessible by car and public transport. Our office breathes innovation. A high-tech creative environment, both for you and for ourselves. An inspiring environment that produces the best possible solutions.

Society cannot survive without industry. Industry cannot survive without society. It's a necessary connection between two elements. Unknown is often unloved. For many, it remains unclear what underground gas storage or a new chemical factory really provides. The connection between society and industry is therefore crucial. And in order to strengthen that connection, it is essential to reduce noise, decimate energy consumption and reduce (CO₂) emissions. We have strongly endeavoured for years to optimise processes and devise sustainable, innovative solutions. Solutions that are ready for a cleaner future. That creates space for everything we need. That connection is not impossible. Bronswerk is that connection.

Experiencing sound in silence. Understanding the power of being conservative with energy. Product optimisation and simultaneous reduction of CO₂ emissions. Earning money, thinking green. Connecting people with industry. That works.



**your Processes made Sustainable
especially with Bronswerk Equipment**

Working with Sustainability Designers



- **Compact Header Design**
Headers from solid material. Resistant to 1000 bar. Small in size, saving 50% in weight, easy maintenance and a reduction of the risks.
- **EM Baffle HEX**
Heat exchanger in which the turbulated medium flows parallel to pipes. Optimum heat transfer. No vibrations. No stagnant zones, so no fouling.
- **Whizz-Wheel® systems**
High efficiency cooling. 4 to 6 dB(A) lower. Many times quieter than conventional fans. The most sustainable fan systems due to the lowest energy consumption.
- **Radiax®**
High-tech, cavitation-free menu-driven pump. In a single stage from 1 to 20 bar. > 50% more compact and lighter than conventional pumps.

Corporate Social Responsibility. Yesterday they were just three words. Now, and tomorrow, CSR is essential. We share your sustainability ambitions. Our process optimisations and energy-efficient equipment can help you achieve them. Total cost of ownership can be drastically reduced. With Bronswerk, green business doesn't cost you anything. It makes you earn money.

Sustainability objectives within reach

Every day we think about how things can be improved even more. How to make things more efficient, quieter, safer and lighter. How we can achieve more with less raw material. And we have answers, too. Every single day. Our way of working enables you to achieve your objectives. Save 40% on annual energy consumption? With Bronswerk, this is within reach.

Space for industrial development

Our sustainable inventions are spectacular. Not for everyone to grasp. Or that society might understand that industry, sustainability and nature can go hand in hand. Working together to transform the social scepticism into trust. Transforming 'not in my backyard' into providing space for sustainable industrial development. That connection is our ambition.

“ Society forces industry to show its energy-efficient face. To deserve the image of being economical with our planet is becoming more and more important. Bronswerk has all the solutions to let this happen. ”

Bram Marcus – Sales Manager Bronswerk