



Worldwide supplier of

Boilers & accessories for horticulture



Boilers | Flue gas condensers | Fittings
Storage tanks | **Service & repair**

Welcome to BKC

Boeters Ketel Constructie

Founded more than 80 years ago, we are a successful specialist in horticultural boilers and accessories, and supply our products worldwide. We offer boilers, condensers, steam heaters, fittings and all kinds of related products. If you require service and maintenance, we are also the place to come. With our wide range of products and services, we look forward to providing the solution you seek.

Boilers

Hot water and low-pressure steam



We are a leading specialist in the field of horticultural boilers, hot-water boilers and low-pressure steam boilers. Our modern single-pass boilers type BBK are known for their very low NO_x emissions due to the use of a large diameter fire chamber. We also offer a robust three-pass boiler type WND with a large heated surface. This model has been used all over the world for many years and has an excellent track record.



BBK

The modern single pass boiler

- The boiler has a generously sized fire tube, making 35-40 mg NO_x realistically achievable.
- Low-noise combustion due to the single pass principle.
- Very low resistance: an excellent solution for high-altitude areas.
- The BBK is a highly efficient single pass boiler with a large heated surface.
- Up to the 8 Mcal model and without insulation, it can be transported in a "40ft HC OT" container.
- No separate shunt pump required.
- The condenser is pre-assembled, so it does not need to be transported and installed separately.
- The boiler operates at a ΔT of 25°C.



WND

The three-pass boiler

- The WND boiler is characterised by a water-cooled reversing chamber and front, ample water content and low NO_x emissions.
- NO_x emissions of 50-60 mg at 3% O₂ are achievable.
- The WND is a highly efficient three-pass boiler with a large heated surface.
- Compact design and therefore easy to apply.
- A condenser can be added easily.



Steam

Steam boilers and steam dryers

BKC also supplies and manufactures low-pressure steam boilers and steam dryers. Our low-pressure steam boilers are designed with a very large steam header and generously sized fire chamber to ensure that the steam boiler's NO_x emissions comply with all legislation and allow CO₂ dosing for the crop.

The steam dryer is designed to heat/dry the steam from the low-pressure steam boiler to achieve better steam quality. When supplying boilers for new-build situations, we supply the steam dryer as a cassette in the boiler's second pass. In existing situations, we supply a separate unit.



Flue gas condensers



Freestanding and attached flue gas condensers

Efficiency is of course very important in heating, so we supply not only the boiler but also the flue gas condenser. This unit is mounted behind the boiler. Lamella tubes bring the temperature of the flue gases down from +/- 180°C to 35-60°C, depending on the return temperature. At a temperature below 60°C, the flue gases can be used for CO₂ fertilisation to stimulate crop growth.

Fittings

Butterfly, mixing and check valves



We also offer a wide range of products and options for controlling your water-side system. For example, our range includes butterfly valves with lever/worm gear or actuator operation, mixing valves with actuator operation, check valves and spring-loaded safety valves. Our experts are always happy to advise you. Due to our large stock and extensive experience, we can always offer a suitable solution.





Storage tanks

Horizontal and vertical tanks



In collaboration with our partner GROVO Tuinbouw, we can also quote for suitable horizontal and/or vertical tanks for heat or cold storage.

In horticulture, using sustainable energy with maximum efficiency has become an important issue in recent years. A heat storage tank is designed to increase the efficiency of your heating/cooling system. Previously generated heat/cold is stored in the tank for later use.

www.grovotuinbouw.nl

Service & repairs



Your expert partner for service, maintenance and repairs

We offer you not only the best products, but also the best service. For example, we pre-install the motors on our valves, so that our customers only need to fit them in the field. That is the added value BKC aims to provide.

Repairs and burner tube renewal

Although most people are aware that products need maintenance, this is sometimes overlooked. Furthermore, equipment also needs to be repaired after years of use.

We are your expert partner for repairs and burner tube renewal for existing boilers. This service is not limited to our own boilers; we also repair boilers from other manufacturers.

Feel free to contact us for details.



Contact

A short chat is often the clearest form of communication. So please call if you have a question, would like a quote or want to discuss what we can achieve for you with our products. We will also be happy to explain how we work.

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