



**Case Study:**  
**TS Clean. Tank- und Siloreinigung Neumann**

**Industry:**  
**Tank cleaning**



**Customer:**

TS Clean  
Tank- und Siloreinigung Neumann, Fahrbinde  
www.tsclean.de.

**Project / Order:**

- Follow-up order.
- Steam for eight steam connections.
- Complete system with water supply.



**The Solution:**

CERTUSS steam generators are characterized by their high efficiency. The short heat-up after a maximum of five minutes saves energy and thus costs.

**Equipment:**

2008: CERTUSS Junior 600 SC with CVE (CERTUSS ready-to-use unit), steam output 600 kg/h, oil-fired.

**Application:**

Steam for water heating and high pressure silo cleaning.

**CERTUSS steam for high performance silos cleaning.**

In 2005 Jan Neumann, the owner of Firma TS Clean, built its first silo cleaning plant in Fahrbinde. One **CERTUSS Junior 600 SC** gas-fired **steam generator** was provided and installed by a facility builder. The CERTUSS steam was afterwards again chosen for the second plant in Kavelstorf.

**The solution**

One **CERTUSS Junior 600 SC** with the Pre-Packaged Plant CERTUSS **CVE** supplies steam for the **water heating** and feed eight steam installations for the **high pressure silo cleaning**.

**Complete with water supply unit**

**The ready-to-use water supply unit CVE** contains all supply and **water treatment** components for the steam generator as a complete unit.

The water treatment, the feed water preheating, condensate recirculation, steam dryer and the blow down are included. Additional components can be added upon request.

**The compact water supply unit** completes the CERTUSS steam generator in a whole steam plant. It provides **maximum quality** with **minimum footprint** and **maximum efficiency** at the **lowest installation-cost**.

**The savings**

The **high efficiency**, thanks to the 3-fold air insulation with simultaneous preheating of combustion air, makes CERTUSS steam generators **very economical**.

**Immediate output adjustment** to the respective steam requirements **saves energy and thus costs**. Another cost saving is the significantly **reduced installation time** with the CERTUSS CVE supply unit.

**Jan Neumann, the owner of TS Clean Tank- und Siloreinigung:**

„In 2005 I was already **very satisfied** with the core of the plant in Fahrbinde, the CERTUSS Junior 600 SC gas-fired steam generator. In Kevelstorf I chose the **proven** CERTUSS **quality** again. The installation has been running well since 2008.“