



**CASE STUDY:**

**Textilpflege Klaiber**

**Industry:**

**Laundry, Dry-cleaning**



**Customer:**

Textilpflege Klaiber, Villingen-Schwenningen  
www.textilreinigung-klaiber.de.

**Project / Order:**

Energy-efficient, environmental-friendly steam production. Low operating costs. Complete system. Low maintenance and easy-to-use.

**Solution:**

The CERTUSS steam generators Universal 500 - 1800 TC are characterized by the immediate output adjustment to the respective steam requirements which saves energy and thus costs. Notably simplified operation through self-explanatory touch screen menu navigation.



**Equipment:**

2014: CERTUSS Universal 1500 TC with CVE supply unit, steam output 1500 kg/h, gas-fired.

**Application:**

The steam generator supplies the washing line, washing machines, dryers and ironing tables.

## CERTUSS steam for textile care

Klaiber, the dry-cleaning company located in Villingen-Schwenningen, has been service provider for laundries and textile care industries and especially for laundries in hotels, hospitals and nursing homes for more than 80 years.

One CERTUSS **Universal 1500 TC** with a supply unit **CVE** provides a **Transferon batch washing line**, several **dryers** and **washing machines**, a **dry-cleaning machine Böwe** as well as **wringers** and **ironing tables**.

Until 2014, the assets of the company were operated by an oil-fired 3-Ton water boiler from 1968. The main **reason for the purchase** of one **modern, powerful and efficient steam generator** was the **expensive Start and Heat-up phases**.

**In competition**, there were a new water boiler from **Bosch Industries**, a **multiple steam unit** based on water boiler concept and a **CERTUSS steam generator**. The owner of Klaiber asked for advice from installers and industry colleagues such as for example the laundry Alpirsbacher, which has been using a CERTUSS steam generator for 15 years.

### The solution

The company opted for a CERTUSS **Universal 1500 TC** gas-fired with a **supply unit CVE** and a steam output of 1500 kg/h. The CVE offers a **ready-to-use installation** of all the supplying components. It **guarantees a quick and easy installation** on site.

### The savings

The installer planned the **switch from oil to gas** and the **use of a heat-exchanger**. The energy-savings calculation estimated a saving of **€ 4.500,00** per month. This was exceeded. **Today, the company saves € 5.000,00** per month in energy costs.

### Also interesting!

Thanks to the switch of electricity and gas provider, Klaiber scored another one-saving of 2.500,00 €.

### Thorsten Klaiber, owner of Textilpflege Klaiber

I am **very satisfied** with **the quick implementation** of the project by the plant engineer and CERTUSS. Thanks to the **ready-to-use CVE (CERTUSS supply unit)**, the installation and commissioning could be accomplished over one weekend