



Case study:
Rotkäppchen-Mumm Sektkellerei GmbH
Industry:
Beverages / Spirits



Our customer:

Rotkäppchen-Mumm Sektkellerei GmbH
www.rotkaeppchen.de

Project / Order:

- Replacement and extension of the existing plants after the conversion of different production areas.
- Conversion of the heat exchanger from hot water into steam.
- Further order in February 2016

Solution:

CERTUSS steam generators offer the greatest savings potential. They are environmentally friendly and energy efficient. The choice of the appropriate size, proper operation and regular maintenance guarantee ecological and financial advantages.

Equipment:

- 02/2015: 1 x Universal 850 TC natural gas with the CVE supply unit
- 09/2015: 2 x Universal 850 TC natural gas with the CVE supply unit
- 02/2016: Junior 300 TC with the CVE supply unit

Application:

- Sterilization of tankers
- Water heating
- Short-term heating system for Mix-Drinks



CERTUSS Junior 300 SC with CVE supply unit

CERTUSS steam for the little Extra.

Since 1837, the Prosecco company Matheus Müller has been producing in Eltville, "the city of wine, Prosecco and roses". MM Extra, the sparkling wine with the little Extra, is one of the oldest brands in Germany. The Eltville site has been expanding steadily. In order to cope with the growing demand, multiple production areas have been technically upgraded and supplemented.

In February 2015, the first CERTUSS 850 TC natural gas with the CVE-supply unit started operating. The downstream Krones heat exchanger system helps to increase the performance. The requested process temperature of 98°C is now being provided by steam instead of heat water. The complete system with the heat exchanger is used for the sterilization and the CiP areas.



CERTUSS Universal 850 TC, natural gas, with CVE supply unit

CiP-systems are dedicated to clean the process plants or plant parts without having to disassemble them. Depending on the means, the cleaning is carried out in several aisles with different cleaning agents (water/lye/acid).

In September 2015, a CERTUSS dual plant with each a steam capacity of 850 kg/h and a supply unit-CVE was installed in the new extension.

The double system with a total of 1700 kg/h is used for the sterilization of 27 stainless steel tanks 52.000 litres each. In addition, a 290 KW heat exchanger supplies hot water for different production processes, for example the de-alcoholisation plant.



CERTUSS dual plant 2 x Universal 850 TC with CVE

In February 2016, another CERTUSS steam plant has been installed. A Junior 300 with CVE-supply unit operates a short-term heating system. It has been specially purchased for the Mumm Mix drinks, whose market demand is rising sharply among consumers.