

## CERTUSS powers steam to the Kern winery

The Kern winery in Kernen-Rommelshausen is a regionally based winery with its own grape producing.

There are two gas-fired CERTUSS Junior SC steam generators, with each a steam output up to 500 kg/h, operating in the winery. The low-energy and efficient steam generation fits perfectly in the Kern winery's concept. Switched in cascade with peak-load control, the CERTUSS system adapts to the respective production processes in a very short time. Thanks to that, the Kern winery can produce high-quality products while reducing its fuel consumption.



The steam generators are used for the gentle production of white wine, red wine and sparkling wine. With a peak load of 1000 kg/h steam, the two steam generators provide energy to the mash heating, 2 flash pasteurization plants, desulphurization, hot water thermostat batteries, and also direct steam for the sterilization of filling machines.

The independent CERTUSS installation team was involved in the planning from the very beginning and completed the steam and condensate network in high-quality stainless steel as well as the connections and the commissioning within a short construction period.



2 x CERTUSS Junior 500 SC with CVE

### Project data:

#### Industry:

Wineries, beverage industry

#### Project/Order:

Steam production up to 1000 kg/h, compatible with flexible production processes, more economical fuel use

#### Customer:

Wilhelm Kern GmbH, 71394 Kernen-Rommelshausen  
[www.kern-weine.de](http://www.kern-weine.de)

### Application / Use / Consumer:

- Mash heating
- Desulphurization
- Plate heat exchanger
- Bottling
- Hot water thermostat batteries

### Systems:

2 x CERTUSS Junior 500 SC, natural gas, steam output 500 kg/h / 328 KW with CVE in cascade with peak-load control.

**CERTUSS**  
Steam Generators

[www.certuss.com](http://www.certuss.com)

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