

**Clean Steam Generators**



**Steam Plant Construction**  
Advice • Planning • Sales • Service



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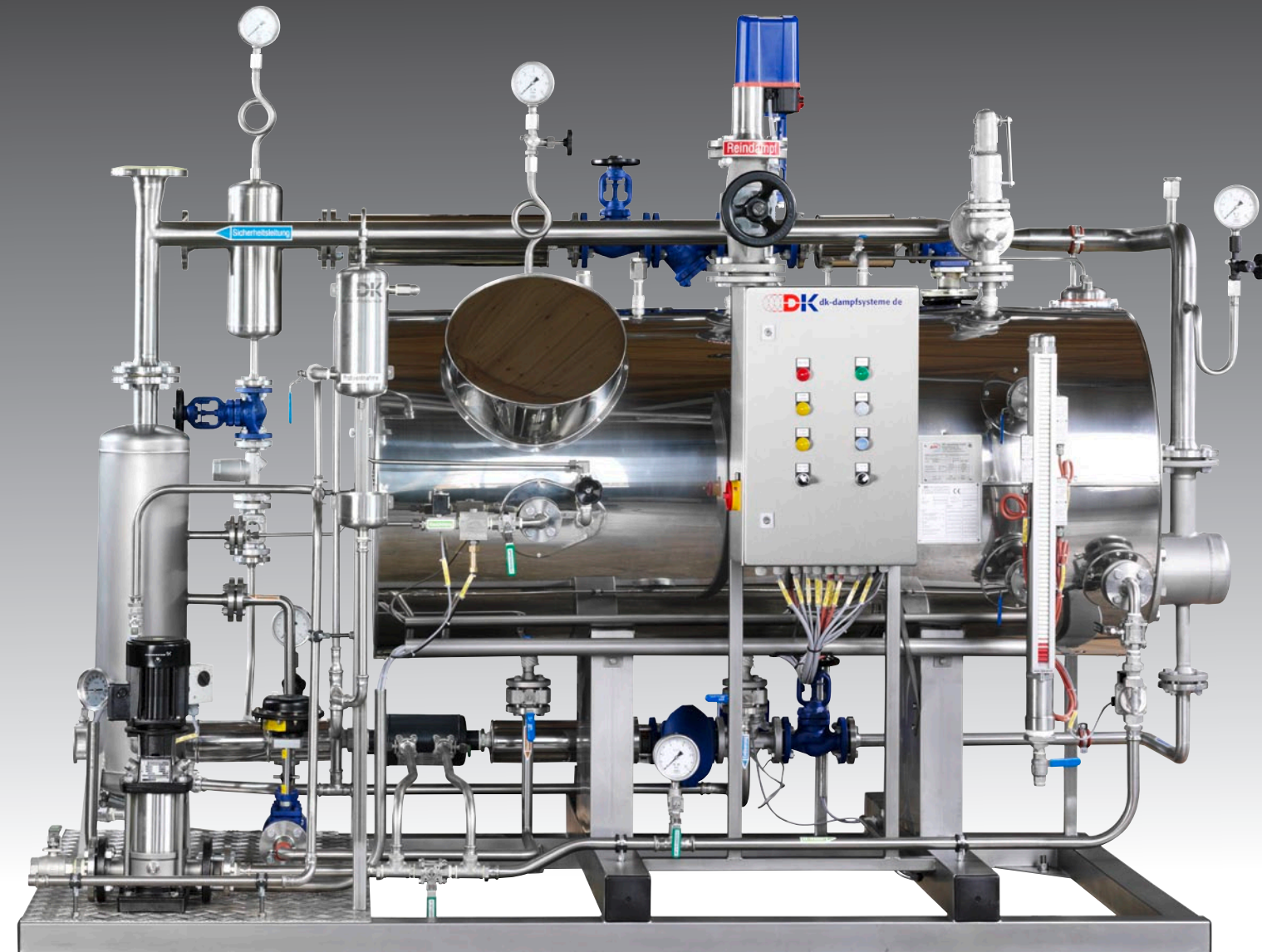
## Clean Steam Generators

The combination of technical know-how, experience from high-run production and a quality-based selection of materials means a high level of function and operational safety. The operation requires a clean steam generator, osmosis water and a heating medium. Saturated steam is the standard means used to heat a clean steam generator. Other heating methods can also be used.

DK pressure vessels are designed, manufactured and tested according to both EU Pressure Vessel Directive 97/23/EG and to the regulations in the AD Data Sheets. Pressure vessels in Categories I, II, III and IV are marked with the CE label. Pressure vessels not corresponding to Categories I to IV are built in accordance with good engineering practice and fitted with a manufacturer's declaration.

If required by a customer, a CE certification for the entire compact system can be issued. DK clean steam generators are used mainly in the beverages and dairy industries, commercial laundries, hospitals and in the pharmaceutical and health industries. Prototypes and specially-built models can also be ordered at all times if required by customers and are already being successfully operated. Because we adapt our customers' requirements to our construction methods, continued technical development and technical improvement, we are able to rely on a continually growing customer base.

Performance: from 10 to 5,000 kg/h  
Heating media: saturated steam, thermal oil, hot water, electricity  
Operating pressure: usually approx. 1–5 bar(Ü)



Switching cabinet



Level control with magnetic valve indicator



Pressure booster system and liquid waste removal filter



Steam pressure controlled system with safety device



Drainage plant

### Other Features

- entire systems in almost all sizes
- individual planning and production
- user-friendly operation
- only a few connections required
- if required, manufacturer will install and commission
- steel switching cabinet, hard-burnt lacquered, with all necessary components and attachments (safety guard, clips, relays, switches, signal lamps [Siemens, Möller] etc.); optional extra: SPS(PLC) control and touch-screen for easy commissioning and operation
- if required by customer, water treatment equipment for treating osmosis water can be designed for each function of the clean steam generator