



BOSCH
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Natural medicine with steam from Bosch

Reference Report Bosch Industrial

Modular compact boiler for Cefak



When it came to the subject of steam, Bosch was there right from the start to help the planning company HKS-Tec and the plant engineering company Gassner with the technical equipment for Cefak's new pharmaceutical production. The particular challenges in the project were restricted placement possibilities and a limited installation altitude as well as high demands for safety, sterility and precision in the pharmaceutical production.

A modular U-MB steam boiler system delivers 600 kg/h of particularly high-quality steam. Thanks to the exceptionally compact construction, waste heat can be harnessed with heat exchangers for flue gas, condensation and demineralisation sludge. The automation of desalting and blow-down reduces the need for supervision and saves a large amount of energy thanks to demand-based control.

Pre-assembled modules allowed a smooth installation of the boiler system. Thanks to the piping diagrams supplied as standard by Bosch, the pipe work on-site only had to be connected. The cabling with plug-in connectors was even easier. All the functions of the electronic control were tested on the virtual system prior to delivery. This ensured rapid commissioning by the Bosch Customer Service.

Intelligent control features such as automatic cold-start, efficiency prognosis and automatic boiler water control reduce losses and make the operation much easier for the boiler operator. Integrated protection devices prevent operating errors and ensure a long service life and a constantly efficient operation.

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