



Steam boilers

Low pressure saturated steam

High pressure saturated steam

High pressure superheated steam

Outputs from 175 to 55000 kg/h

With four different types of shell boilers in the UNIVERSAL series, either as single-flame tube or double-flame tube boiler, we offer you a complete product range for every steam requirement. An optional integrated fourth smoke tube pass facilitates the waste heat recovery from upstream processes.



Hot water boilers

Low pressure hot water

High pressure hot water

Outputs from 650 to 38000 kW

Warm and hot water for energy-saving heating systems for industrial buildings, offices and residential complexes. For base load and peak load of local and district heat generating plants. For commercial and industrial process heat generation. An optional integrated fourth smoke tube pass facilitates the waste heat recovery from upstream processes.



Boiler house components

Modules for steam boilers

Modules for hot water boilers

Modules for supplies to the boiler

Boiler house components in modular technology, as ready-to-install function units, round off the product range. Planning, installation and commissioning of the entire system is considerably simplified. The high manufacturing quality guarantees long, reliable and efficient boiler operation.

Order our informative product brochures.

Online at www.bosch-industrial.com

Customer login

We offer our customers an exclusive, password-protected access area for individual information and easier collaboration. Quick, simple and free – register now at www.bosch-industrial.com

Technical reports

Technical information from specialists at first hand. You will also find an overview on our website.

Production facilities:

Factory 1 Gunzenhausen
Bosch Industriekessel GmbH
Nürnberger Straße 73
91710 Gunzenhausen
Germany

Factory 2 Schlungenhof
Bosch Industriekessel GmbH
Ansbacher Straße 44
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Bosch Industriekessel
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New! Condition
Monitoring basic



**Act preemptively –
reduce costs**



BOSCH
Invented for life



1st level: Start page with the new button "Condition Monitoring"



2nd level: Selection menu with four areas: operation monitor, function values, consumption values and measurement values



3rd level: Detailed view with new optical display in form of "traffic light function"

Condition Monitoring basic

CM_{basic} is a new and innovation function for the BCO Boiler Control. It can be used for all heating, hot water and steam boiler plants from Bosch.

CM_{basic} offers customers the opportunity to monitor the efficiency and proper operation of their plant. It analyses and evaluates system data and displays it in a transparent way using the traffic light model. The calculation algorithms are targeted to produce significant forecasts. Negative modes of operation can lead to inefficiency, increase wear and cause unplanned downtime. Problems should therefore be uncovered and prevented as early as possible. CM_{basic} promotes a consistently high level of system efficiency and availability of the plants.

Functional intelligence:

- ▶ Displays operating hours, starting frequency, number of cold starts over the course of time
- ▶ Recognises unfavourable start-up conditions
- ▶ Recognises water and waste gas contamination or undesired condensation
- ▶ Generates maintenance reports on request
- ▶ Displays energy losses incurred in desalination and blowing down*
- ▶ Displays fuel and water consumption over the course of time*
- ▶ Displays steam volume over the course of time*
- ▶ Displays boiler load profile over the course of time*

*Boiler systems can be configured to customer requirements. Depending on the measurement and regulation systems used, some functions may be limited or unavailable.

Benefits at a glance:

- ▶ Transparency in terms of system efficiency
- ▶ Enables service measures to be planned according to requirements
- ▶ Consistently high level of availability
- ▶ Simpler and more targeted diagnostics in case of errors
- ▶ Quick support from manufacturer's teleservice
- ▶ Saves energy and costs
- ▶ Reduces emissions
- ▶ Intuitive interface

Act preemptively – reduce costs...