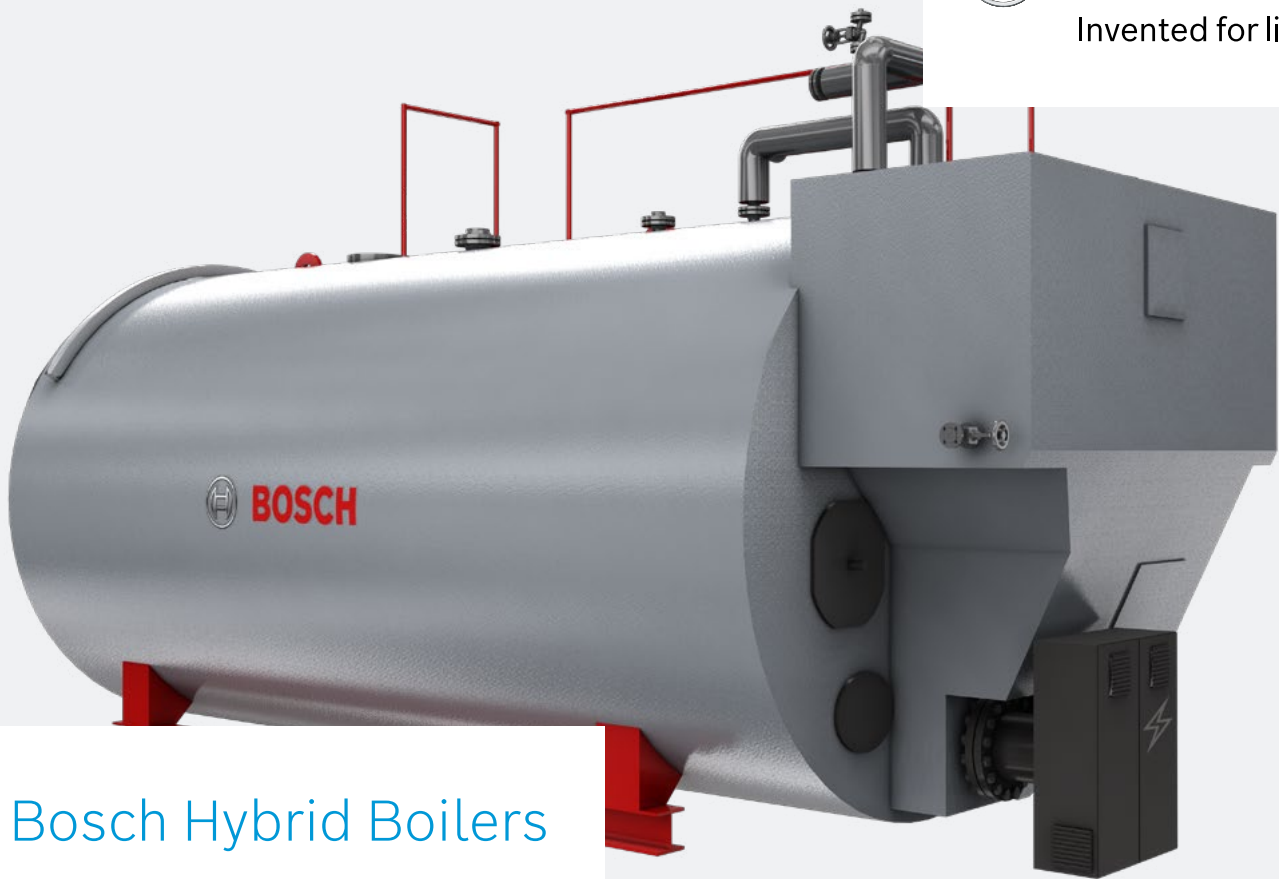


**BOSCH**

Invented for life



Bosch Hybrid Boilers

www.bosch-industrial.com

with electric
auxiliary heating
up to 5 MW

A customised solution for your project

Reduce your CO₂ emissions by using green electric power instead of fossil fuels already with a Bosch hybrid boiler or be ready for the future use of it by choosing a Bosch hybrid-ready boiler. Our hybrid boilers can be used purely for keep-warm function or for steam/hot water generation.

Technical data		
	Steam generation (with UL-S/ZFR)	Hot water generation (with UT-H/-HZ)
Max. electr. power	up to 5 MW	up to 5 MW
Voltage	400/690	400/690
Max. pressure stage	up to 16 bar	up to 16 bar

- ▶ Use of surplus electricity (e.g. CHP, turbine, PV) or to stabilise the power grid
- ▶ Very wide modulation range, ideal for fluctuating heat demand
- ▶ Amortisation of additional investment costs possible through surplus or free electricity
- ▶ Fast availability reduces burner switching cycles during boiler startup, partial load, and keep-warm periods
- ▶ Some energy suppliers offer favorable rates or free electricity if the electric auxiliary heating can be switched on by the supplier in the event of an electricity oversupply

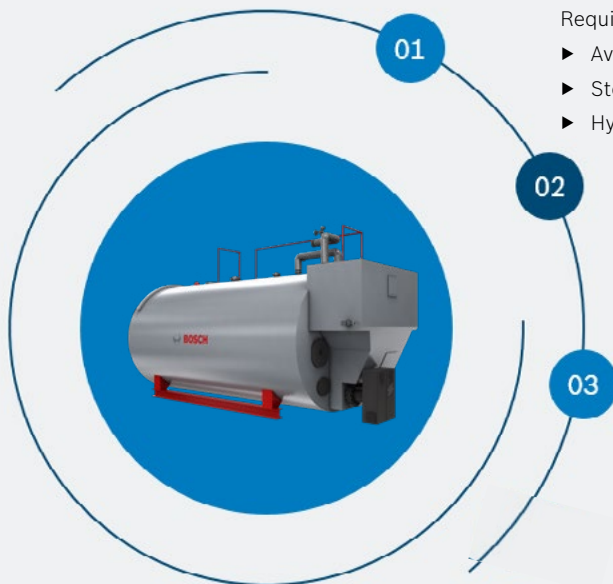
Complete system control from one hand

- ▶ Comprehensive system control as well as optional connectivity to your control technology
- ▶ Completely wired and pre-tested ex works
- ▶ All safety equipment and control devices installed
- ▶ User-friendly interface operated via touch panel
- ▶ Commissioning and training are part of the scope of delivery
- ▶ BCO included in the scope of delivery
- ▶ Optional: control cabinet air conditioning available

Connecting cables between terminal box (power heating bundle) and power cabinets are generally not included in the scope



Steps to your Bosch Hybrid Boiler



Requirements to be clarified by you

- ▶ Availability of green electricity
- ▶ Steam/hot water heat output or keep-warm function
- ▶ Hybrid ready or hybrid boiler

02

Individual system design for overall efficiency and low flue gas temperature

- ▶ Hybrid ready/fully hybrid equipped/comparison to separate fully electric boiler
- ▶ Very high efficiency for all output ratings from 1,250 to 28,000 kg/h for low running costs and emissions
- ▶ Required space in the boiler house
- ▶ Checking of electrical connection/output

03

Project evaluation by Bosch Industrial Boiler headquarters

- ▶ Feasibility check
- ▶ Project calculation
- ▶ Individual offer

Regional availability is checked on a project basis according to locally applicable regulations

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** max. EUR 0.10/min from Austrian landline

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