

The JUMAG among  
the electric steam boilers

## **EDI ELECTRIC STEAM BOILER**



## **COMPACT INFORMATION**

**ELECTRIC STEAM BOILER**

# JUMAG STEAM BOILER

## EDI – the convincing electric steam boiler!

- Boiler and components\* made of stainless steel
- High-purity steam quality possible
- Innovative technology based on more than 35 years of experience
- Simple operation and simple maintenance

### THE STEAM BOILER

#### High steam quality

- Vertical evaporation system construction in high-quality stainless steel 1.4571 (for instance to produce steam in a high-purity quality).
- Innovative design for large water surface leads to dry steam
- Optionally with feed water pre-heating for partial degassing or pressure degassing
- Immediate load adjustment by electric power control
- Operating pressure up to 12.5 bar, operating pressure easy adjustable between 3 to 11 bar.

#### Robust

- Use of high-temperature resilient heating rods with low surface strain
  - Modulating balancing control of the heating rods minimises heating rod strain and extends the service life of the electrical components
- Option: All parts in connection to steam or water made of high-quality stainless steel 1.4571.
- No current collection peaks due to symmetrical mains load



\* Option: All parts in connection to steam or water made of high-quality stainless steel 1.4571.

# UNMATCHED QUALITY AND INNOVATION

## Operator-friendly

- Simple operation by self-explanatory full-text touchscreen control in many languages
- Approval- and monitoring-free in many countries
- Approved according to the European standard for electric steam boilers
- Can be controlled manually, time-controlled or via control centres
- Well accessible for maintenance purposes due to horizontal flange-connected radiators
- Integrated feed water tank
- Optionally with automatic blow-down or desalination
- Our customer service is available 365 days of the year, 24h a day

## Flexible and simple

- Perfectly placed media connections on the top
- Air-vent and drain lines are combined on one connection
- Blow-down, drain and emptying line combined on one connection
- Full use of the JUMAG accessories range is possible
- Low space requirements due to compact build
- Rolls for simple transport or frequent relocation
- Optionally also available as compact steam boiler incl. blow-down unit and water preparation

## Specifications

Designation	Steam output	Thermal output	Dimensions WxDxH	Protection
Edi 20	26,5kg/h	20kW	659×1207×1423	35 A
Edi 40	53kg/h	40kW	659×1207×1423	63 A
Edi 53	70kg/h	53kW	659×1207×1423	80 A
Edi 80	106kg/h	80kW	659×1207×1423	125 A

Operating pressure up to 12.5 bar, operating pressure easy adjustable between 3 to 11 bar. The data indicated apply in connection with a feed water temperature of 6 bar working pressure.

## MULTIPLE STEAM SYSTEMS

- For high steam demands
- Also in combination with oil- or gas-powered JUMAG steam boiler
- Demand-dependent activation and deactivation of individual steam boilers



## IDEAL FOR

Applications/industries
Food/beverage producers
Lab technology
Hospitals
Medical/pharmaceutics industry
Applications with high-purity steam demand
Applications with low steam demand
Automotive OEMs and supplier

## OIL OR GAS FIRED STEAM BOILERS BY JUMAG

- Highly efficient oil or gas fired JUMAG steam boilers
- No pipe coil or piston pump
- Standing water room boiler



INNOVATIVE FOR YOU  
– FOR MORE THAN 30 YEARS

## ACCESSORIES

- Automatic blow-down device
- Ethernet connection (e.g. for control centre)
- GSM alarm modem
- External pressure specification
- Blow-down tank (with or without heat recovery)
- Water treatment
- Feed water preheating
- Pressure reduction stations
- Heat exchanger
- Etc.

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