



JOHN THOMPSON OVERVIEW





Boiler and Environmental Solutions

John Thompson (JT) is a division of ACTOM (Pty) Ltd with its principal focus on being the best boiler and environmental solutions company serving the power generation and industrial markets, both locally and internationally, with innovation and enthusiastic response.

Boiler Plant

The company designs (both locally and in association with our international technology partners), manufactures, constructs and maintains utility and industrial water tube boilers with steam outputs up to 2 800 t/h. The company also designs and manufactures related products, incorporating heat transfer technology.

JT's watertube boiler designs include coal-fired boilers with travelling grate and CAD spreader stokers; fibrous fuel-fired boilers with CAD spreader stokers for dual-fuel firing as well as pinhole and dump grates; CFB, industrial oil/gas-fired and waste-heat boilers. Firetube boiler designs include: coal-fired boilers with chaingrate stokers, wood-fired boilers with fixed grates, oil/gas-fired boilers and custom-designed waste-heat boilers.

JT also supply coal milling plant in the form of vertical spindle roller mills and tube mills for harsh coal milling conditions.

Environmental Plant

Recognising the vast and challenging demands of ever tightening environmental regulations, regular interchange of technology with our international partners ensures common access to advanced technology to the benefit of all group companies and their customers.

JT provides equipment for the cleaning up of emissions resulting from the firing of fuels or other processes which results in waste emissions to atmosphere. This includes:

- Wet and Dry Electrostatic Precipitators
- Pulse Jet Fabric Filters
- Reverse Air Fabric Filters
- Cyclones and Scrubbers
- De-sulphurisation and De-nitrification Plants
- Advanced Electronic Control Systems for the above

Quality

As part of JT's on-going quality programme, the company has an SABS ISO 9001 Quality Management Systems listing. The listing includes design, which forms a major part of our business and further ensures that our customers are provided with a quality product.

Coupled with JT's expertise and stringent quality assurance requirements associated

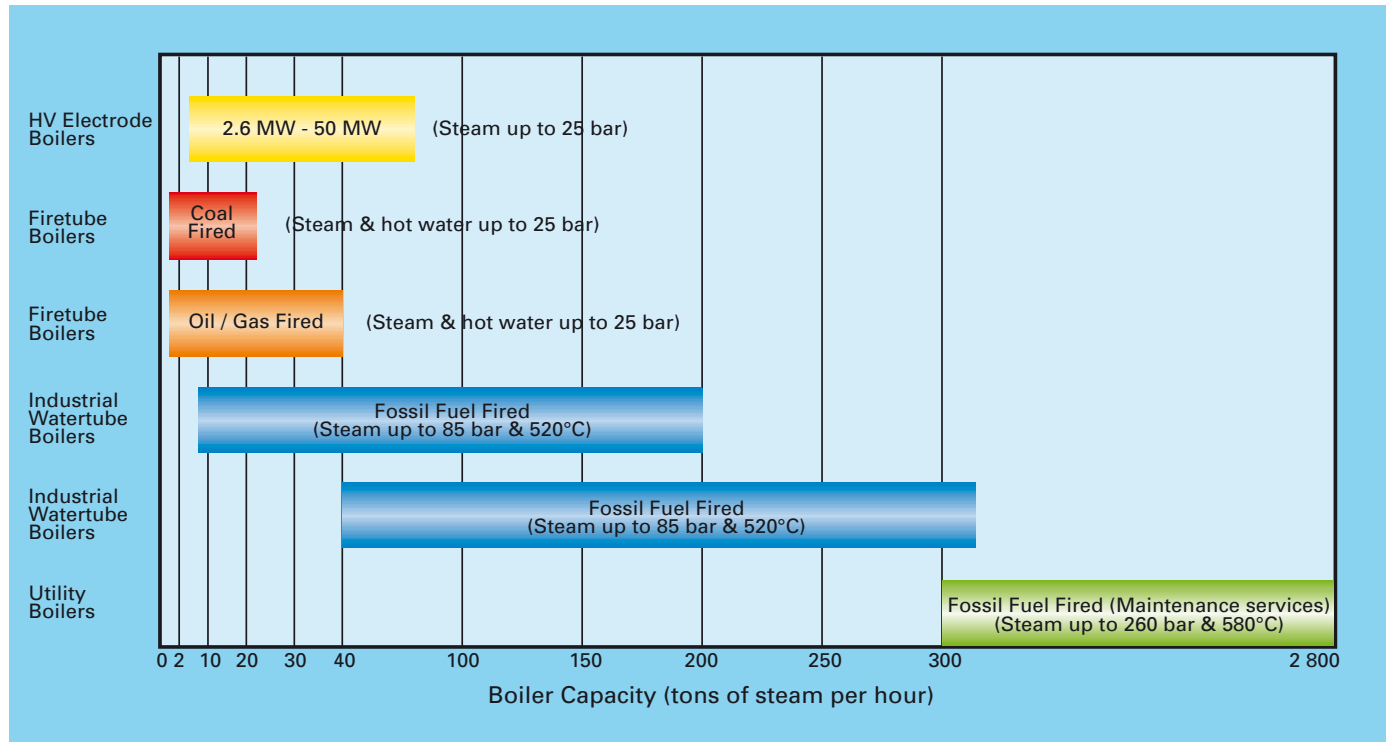
with the manufacture of boilerplant and pressure vessels, the company also manufactures high integrity heavy fabrications for the Utility, Petrochemicals, Sugar, Pulp and Paper Industries and others.

JT has been serving the South African industry for over 55 years, staying abreast of technological development and playing an innovative role in the engineering field. John Thompson has established an international reputation with exports to the African continent and its associated islands, Europe, USA, South America, the Middle East, and Asia.

Services

- Design
- Manufacture
- Turnkey installation
- Commissioning
- After sales service
- Spares support
- Operator training
- Boilerplant management
- Steam out-sourcing
- Metallurgical inspection
- High technology NDT
- Repairs and refurbishment
- Coal/oil/gas conversions

Product Range



JOHN THOMPSON. A division of ACTOM (Pty) Ltd

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