



JOHN THOMPSON OVERVIEW



ACTOM

JOHN THOMPSON OVERVIEW

John Thompson is the Power 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.

Boiler Plant

We are South Africa's leading supplier of industrial boilers and design, manufacture, construct, maintain and retrofit watertube and firetube types with steam outputs of up to 320 t/h, for process steam and power generation applications.

We also manufacture, construct, maintains, retrofit, service and repair utility boilers and associated auxiliary plant and environmental (gas-cleaning) systems in the power generation market. In addition we design, manufacture and install related products incorporating heat transfer technology.

Watertube boiler designs include:

- Coal-fired boilers with travelling grate and CAD spreader stokers;
- Biomass-fired boilers with CAD spreader stokers for dual-fuel firing as well as pinhole and dump grates;
- Circulating fluidised bed boilers (CFB);
- Industrial oil/gas-fired boilers; and
- Waste-heat boilers.

Firetube boiler designs include:

- Coal-fired boilers with chaingrate stokers;
- Wood-fired boilers with fixed grates;
- Oil/gas-fired boilers;

- Biomass-fired boilers; and
- Custom designed waste-heat boilers

Environmental Plant

We supply plant for the reduction of undesired emissions resulting from the firing of fuels or other processes and specialise in the design, manufacture, installation, retrofit and maintenance of fabric filter plant for use with coal-fired utility and industrial boilers. Other environmental plant designs, such as sulphur injection plants, are provided by technology partners.

Plant supplied includes:

- Wet and dry electrostatic precipitators;
- Pulse jet fabric filters;
- Cyclones and scrubbers;
- De-sulphurisation (SO_x reduction) and nitric oxide reduction plants (NO_x reduction);
- Advanced electronic control systems for the above equipment.

Quality

As part of our on-going quality program, John Thompson 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 our expertise and stringent quality assurance requirements associated with the manufacture of boiler plant and pressure vessels, we also manufacture

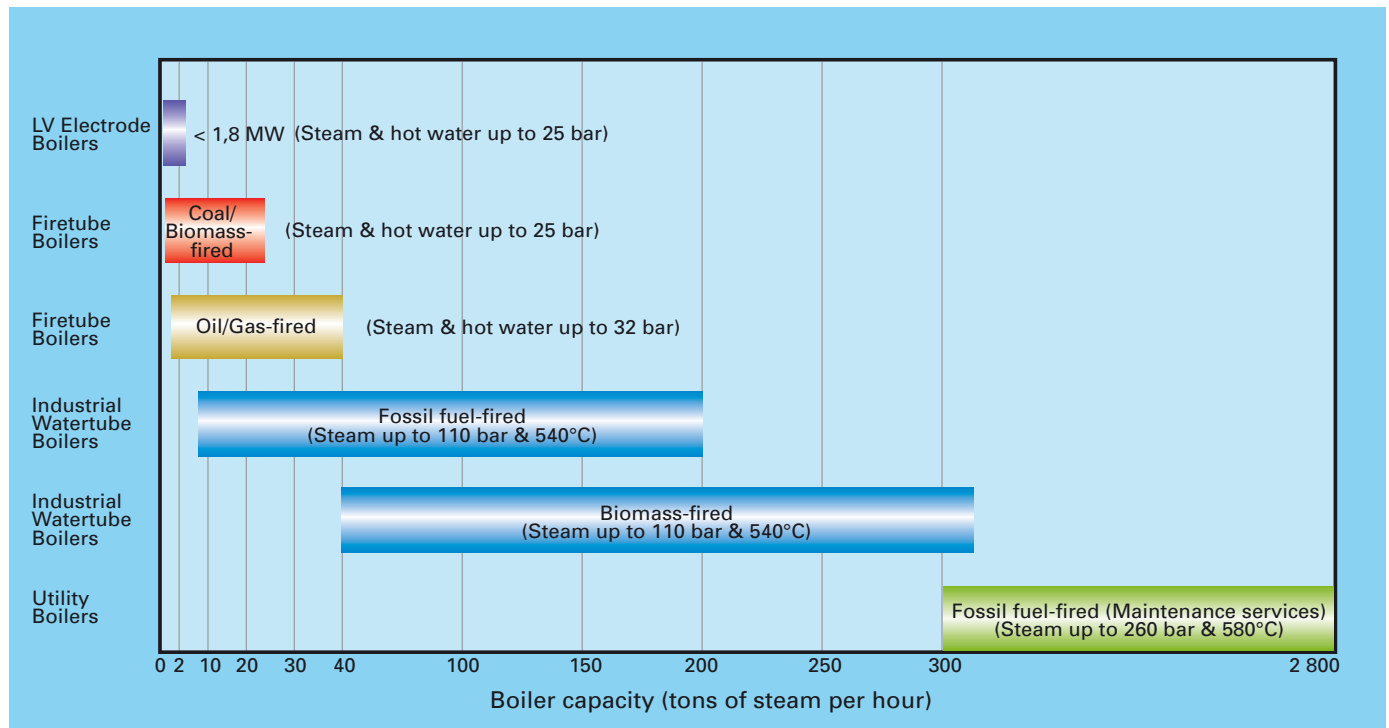
high integrity heavy fabrications for the utility, petrochemical, sugar, pulp and paper industries amongst others.

John Thompson has been serving the South African industry for over 80 years, staying abreast of technological development and playing an innovative role in the engineering field. We have established an international reputation with exports to the African continent and its associated islands, Europe, USA, South America, the Middle East, Asia and Australia.

Services

- Design
- Manufacture
- Technical support
- Steam out-sourcing
- Energy management
- High technology NDT
- Turnkey boiler & power island installation
- Repairs & refurbishment
- Metallurgical inspection
- Boilerplant management
- Commissioning & testing
- After sales service & spares
- Operator & supervisor training
- Coal/Oil/Gas/Biomass conversions

Boiler Designs and Capacities



JOHN THOMPSON a division of ACTOM (Pty) Ltd.

Cape Town Head Office PO Box 129, Bellville, 7535, RSA
Johannesburg Office PO Box 8382, Edenglen, 1613, RSA
Durban Office PO Box 32292, Moleni, 4060, RSA
e-mail: info@johnthompson.co.za

Tel: +27 (0)21 959-8400 Fax: +27 (0)21 959-8545
Tel: +27 (0)11 392-0900 Fax: +27 (0)11 392-0938
Tel: +27 (0)31 408-9700 Fax: +27 (0)31 408-9722

www.johnthompson.co.za