

PRESTIGE THERMAL EQUIPMENT (PTY)LTD
Global Leaders in Thermal Processing Technology



PRESTIGE THERMAL

**DESIGN, MANUFACTURE AND
SUPPLIERS OF ALL
THERMAL PROCESSING EQUIPMENT**

PRESTIGE THERMAL EQUIPMENT

Global Leaders in Thermal Processing Technology

Prestige Thermal Equipment PTY (Ltd) has been building the most dependable furnaces the global industry has to offer, and in partnership with our international agents, is driving positive and sustainable change on every continent. Prestige Thermal is the world's leading manufacturer of thermal processing equipment, for every facet of the industry including manufacture, industrial, mining and general engineering.

DESIGN, SUPPLY, INSTALLATION & COMMISSIONING OF
EQUIPMENT FOR ALL PROCESSES.

EQUIPMENT

Continuous:

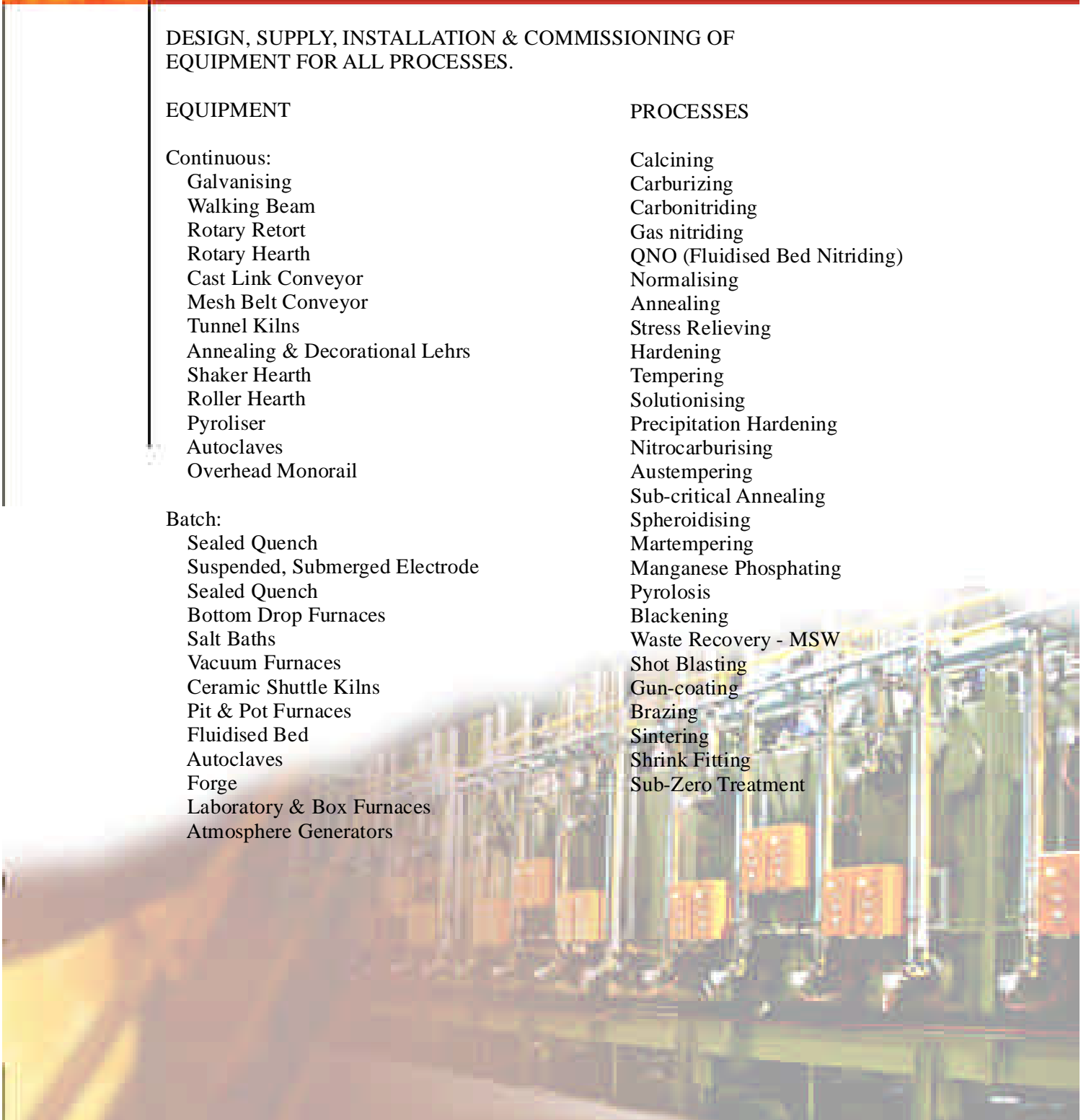
- Galvanising
- Walking Beam
- Rotary Retort
- Rotary Hearth
- Cast Link Conveyor
- Mesh Belt Conveyor
- Tunnel Kilns
- Annealing & Decorational Lehrs
- Shaker Hearth
- Roller Hearth
- Pyroliser
- Autoclaves
- Overhead Monorail

Batch:

- Sealed Quench
- Suspended, Submerged Electrode
- Sealed Quench
- Bottom Drop Furnaces
- Salt Baths
- Vacuum Furnaces
- Ceramic Shuttle Kilns
- Pit & Pot Furnaces
- Fluidised Bed
- Autoclaves
- Forge
- Laboratory & Box Furnaces
- Atmosphere Generators

PROCESSES

- Calcining
- Carburizing
- Carbonitriding
- Gas nitriding
- QNO (Fluidised Bed Nitriding)
- Normalising
- Annealing
- Stress Relieving
- Hardening
- Tempering
- Solutionising
- Precipitation Hardening
- Nitrocarburising
- Austempering
- Sub-critical Annealing
- Spheroidising
- Martempering
- Manganese Phosphating
- Pyrolysis
- Blackening
- Waste Recovery - MSW
- Shot Blasting
- Gun-coating
- Brazing
- Sintering
- Shrink Fitting
- Sub-Zero Treatment



DESIGN & MANUFACTURE NEW FURNACES

Test after test by the global industry has proven PTE furnaces exceed all others for consistent quality, reliability and other performance factors.

We have thermal processing equipment for just about every process requiring heating from gas systems to electricity.

- * mesh belt furnaces
- * rotary retorts
- * rotary hearth
- * walking beams
- * Lehrs
- * pusher furnaces
- * conveyor
- * batch furnaces
- * sealed quench
- * vacuum furnaces



DESIGN, SUPPLY OF NEW TECHNOLOGY SYSTEMS

Our wide range of thermal expertise has provided Prestige Thermal the opportunity to explore and develop state of the art technologically advanced thermal processing equipment. .

- * MSW waste to energy
- * Pyrolysis Equipment
- * Power generation Plants
- * Waste recovery Plants
- * Many other applications



DESIGN, MANUFACTURE & SUPPLY INDUCTION EQUIPMENT

Prestige Thermal (Vulcan) Induction is your source for induction solutions. Our expertise is a compilation of over 4 decades of experience offering a full range of equipment and supplies for your processing needs, with just about every kind of induction equipment imaginable.

- * Induction Melting
- * Induction Brazing
- * End Heating
- * Induction Soldering
- * Many other applications



SUPPLY AND INSTALLATION OF INSULATION

Our well trained installation staff can take care of all your insulation requirements from fibre blanket, end stack modules, carbon graphite insulation to various types of hard refractory,

- * Castable
- * Fibre Modules
- * Fibre
- * Refractory Bricks



SUPPLIER OF ALL SPARES AND REPAIRS

Trained sales and technical staff can assist with all your spares and repair requirements. Most standard items in stock, specialty items can be fabricated or ordered quickly for your convenience.

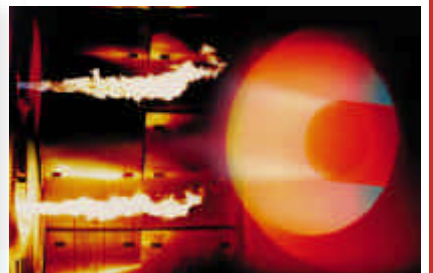
- * All Furnace spares
- * All major and minor furnace repairs
- * Importers and suppliers of thermocouples, controllers etc.



DESIGN, MANUFACTURE & SUPPLIERS OF BURNER EQUIPMENT

Prestige Thermal supplies a wide range of combustion equipment including burners, gas trains, valves and all associated equipment. We are agents for the world leading combustion company Hotwork UK offering our clients unsurpassed quality.

- * HV Burners
- * Regenerative Burners
- * Recuperators
- * All Valves
- * Electric to gas conversions



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FOR MORE INFORMATION

For more information or for a competitive quote, please contact our sales team on:

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FAX: +27 827 0652

E-Mail:

Mark Potgieter: mark@pfe-online.co.za (Capital Equipment)

Paul Bingham: paul@pfe-online.co.za (Spares and Repairs)

The information contained in this presentation is indicative of some of our applications for other thermal processing requirements not viewed in this short form brochure please contact: richard@pfe-online.co.za

BUILDING THE FUTURE OF THERMAL EQUIPMENT

- * Design, manufacture and installation of new furnaces**
- * Design and supplier of all Induction Equipment**
- * Designer of high technology thermal processing equipment**
- * Supplier of all furnace spares and repairs**
- * Importer and supplier of thermal insulation products**
- * Importers and suppliers of burner and burner equipment**
- * Importers and suppliers of Industrial supplies**