



Furnace Engineering

Leaders in Heat Processing Solutions

Background

- Design and manufacture a broad range of customised heat processing equipment and combustion systems.
- Established 1968, FE is 100% Australian family owned company, based in Melbourne.

Capabilities

- Furnaces for heat treatment and melting of metals.
- Furnaces for carbon fibre and composites.
- Atmosphere and vacuum furnaces.
- Advanced materials furnaces.

Key Customers/Partnerships

- CASG/DoD
- Boeing Australia
- Thales
- Australian Submarine Corporation
- EOS Electro Optics Systems
- Marand
- Albins Transmissions
- Quickstep
- Babcock
- XTEK

Discriminators

- Full design, manufacturing and project management capability.
- Customised solution provider.
- Research and scale-up specialist.
- Supporting Advanced Manufacturing in Australia.
- Experienced exporter.
- Full process simulation with 3D CAD, FEA and CFD simulation capability.
- A trusted partner supporting industry to grow and build capability.
- Established track record of delivering turn-key solutions on time.

Quality accreditations and awards

- ISO 9001:2015
- Victorian Export Award 2008, 2009 commendation
- AEEA Engineering Award 2014 high commendation
- AEEA Engineering Award 2022 finalist

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