



MECH-TOOL

ENGINEERING LTD

MODULAR PRODUCTS

MECH-TOOL 

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**Mech-Tool Engineering Limited
Modular Products Division designs
and manufactures bespoke engineered
modular units for the Oil, Gas, Nuclear
and Renewable Energy markets.
Mech-Tool is a pioneer in the design
of fire, blast and acoustically rated
modules using the latest technology
and modelling techniques.**

Mech-Tool Modular Products Division has within its core resource one of the most experienced teams active in the Fire & Blast rated modular building market. Mech-Tool offers a variety of services ranging from total fire and blast solution packages to survey and consultancy services.

Mech-Tool has an enviable portfolio of Clients in all of the major industrial sectors and are equally at ease with green or brown field applications be it as a result of legislative / process change, refurbishment and/or new build requirements.

Safety, quality, delivery, equipment performance and Client satisfaction are the principle drivers for Mech-Tool Modular Products Division in all our undertakings.

Accreditation to ISO 9001, bespoke in-house project management, design, testing, engineering (3D modelling), manufacture, non destructive examination (NDE), delivery and quayside load-out facilities are all part of the service we provide to ensure Mech-Tool Modular Products Division remains at the forefront of our markets.

Mech-Tool modules are purpose designed to meet the Client's specified explosion, thermal, fire and acoustic performance criteria and can be constructed from carbon steel and/or stainless steel.

Larger modules that exceed allowable road transportation limits can be supplied in one piece from our riverside facility for onward sea transportation. Mech-Tool has the capability and facilities to design, build and load-out modules exceeding 3000 tonnes.

Mech-Tool modules are manufactured and supplied complete with all electrical, HVAC and packaged equipment systems installed, tested and commissioned.

Mech-Tool Modular Products / Services are supplied for:

- Accommodation modules
- Switchgear and instrumentation modules
- Laboratory modules and control cabins
- Local equipment rooms and turret equipment rooms
- Pre-assembled units (PAU)
- Firewater pump and generator enclosures
- Turbine and compressor enclosures
- Safe haven and overnight accommodation shelters
- Telecommunication cabins
- Process and packaged equipment modules

Mech-Tool Modules are:

- Purpose designed for specified explosion, fire, jet fire and acoustic performance
- Explosion rated enclosures are available with optional blast relief system for hazard mitigation
- Larger modules are available as a single unit or as a series of mini modules where lifting capacity is limited
- Cost effective solutions are available in carbon steel and stainless steel