



Our team of in-house Mechanical Engineers utilise cutting-edge technology and expertise to design and deliver innovative solutions, ensuring peak performance and reliability.

- Turn-Key Engineering Solutions
- RPEQ Accredited
- Research & Development

### Mechanical Engineering:

Our comprehensive mechanical engineering solutions encompass a diverse range of capabilities, including strategic innovation and efficient design solutions.

We specialise in developing solutions that align with clients' deliverables. We apply technical expertise to address challenges, providing reliable, innovative and cost effective outcomes that contribute to the success of the project.

### Areas of Expertise:

- Engineering design & development.
- Optimisation of systems & processes.
- Materials selection & testing.
- Innovation & research.
- Project management.
- Regulatory compliance.
- Sustainability & environmental considerations.

In an era of rapid technological advancement, our mechanical engineering solutions are constantly evolving. The versatility and innovation embedded in Mecha's capabilities make us a driving force in progress.

### Core Capabilities:

- Engineering solutions.
- Procurement & construction management.
- Reverse engineering.
- Design drafting.
- Metrology & rapid prototyping.
- 3D modeling.
- Finite element analysis & design optimisation.
- RPEQ design certification.
- Positive material identification (PMI).
- Visual technology inc. holographic, virtual & mixed reality.
- Laser scanning.
- Research & development.

Our specialised engineering hub at 120 Hanson Rd offers a dynamic space for technical demonstrations, fostering an environment for design, creation and innovation.

This space enables us to facilitate client planning and consultations, enhancing collaboration and project development resulting in successful outcomes.



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