



ENGINEERING DESIGN

Solve your design problems or turn your ideas into practical and functional solutions.

Mainstream Engineering (MEL) is a multidiscipline engineering design and project management consultancy. We pride ourselves on delivering effective, safe, value adding solutions that are backed up by our prompt service.

MEL's engineers and designers utilise practical industrial experience, in combination with the latest software and design standards to deliver innovative engineering design solutions across a broad range of industries.

Our engineering design team are experienced with new builds, upgrades/ improvements or replacement of existing equipment allowing MEL to efficiently turn concept into reality.

We work with a variety of digital design platforms including, SolidWorks, AutoCAD, Inventor, Bentley AutoPIPE and Bentley Microstran.



Services

- Draughting - 2D drawings & 3D models
- 3D scanning
- Plant & equipment layouts
- Specification development
- Design analysis & simulation using FEA and CFD
- Design verification
- Piping design and pipe stress analysis
- Process & Instrumentation Drawing (P&ID)
- Prototyping
- Custom design and supply of industrial equipment

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For more information or to organise a consultation go to www.mainstreameng.co.nz