



CAPABILITY STATEMENT
2024

TK ENGINEERING SOLUTIONS

Engineering Innovation and Excellence



We are TK Engineering Solutions

TK Engineering Solutions Pty Ltd is a mechanical engineering design and consulting company that has been providing solutions to the packaging and food manufacturing industry for over 10 years. We are a team of highly qualified engineers, designers, consultants, and mechanical fitters. We are proudly Australian owned and have developed a reputation as one of Victoria's trusted engineering consultants amongst the food and plastic manufacturing industry.

We are proud of who we are and how far we have come, building our credibility as engineering partners in chemicals, machinery and tooling design.

TK Engineering Solutions Pty Ltd, is equipped with the ability to develop a project from its initial design stage, prototype, manufacture, install, commission and on-going servicing; delivering efficiency, longevity and reliability.

*10 years of
experience and a
reputation for
excellence in
designing and
manufacturing
machinery, tooling,
and servicing.*

Engineering

Cycle



CAPABILITIES

Idea/Goal

- Our engineers meet with clients to establish the desired goal or defining the problem.
- We ask questions to thoroughly understand the end user of the product, the requirements, and the constraints.
- Applying expert knowledge and experience.

Consultation

- Once the scope of work is defined, our engineers will gather information to provide a suitable solution.
- We work with our trusted partners to ensure we source quality materials.
- Ensuring we can complete any project on time and within budget.

Engineering Design

- Based on research and analysis, our engineers will develop concepts for potential solutions.
- We provide 3D CAD utilising SolidWorks that can be viewed as an image or 3D model allowing our engineers to ensure final results all meet requirements and specifications prior to manufacture.

Manufacture

- Our inhouse workshop is equipped with CNC machines, lathes, mills, surface grinding and drilling capability.
- All machinery and equipment is of high specification and tolerance.

Test

- All manufactured components undergo stringent QA/QC testing prior to dispatch.

Commission

- Our team can assist with onsite installation and commissioning.

Hand Over

- At TK engineering Solutions, we work with clients and their team to ensure a successful and timely handover.
- We offer ongoing assistance and servicing to all our clients.

Partnerships



We Service a Range of Industries:

Plastic Industry Machining and Tooling

TK Engineering Solutions provides a complete package from product realisation to product manufacture.

- 3D CAD product design
- CNC machine prototype
- 3D CAD tooling
- Manufacture production tooling to suit client machine.

Ongoing Quality Servicing

- Onsite maintenance solutions
- Preventative maintenance
- Custom component manufacture

Food Industry Machinery and tooling

TK Engineering Solutions provides tooling and ongoing servicing for packaging machinery and food processing machinery.

- Complete tool design and manufacture for packaging and hermetic sealing machines, both vacuum and gas.
- Custom component manufacture for all packaging and food process machinery.
- Our facility has the capacity to manufacture any component quickly and accurately to minimise downtime during breakdown.



Industries We Serve



In trusted and capable hands.



TK Engineering Solutions

Engineering innovation and excellence.

For further information on our services and how we can assist you with your project requirements, please contact us.



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