

Capability Statement

Australia's leading designer
and manufacturer of
rendering and by-product
processing systems.

Since 1959.



OUR STORY

Built on a breakthrough. Trusted for generations.

In the 1950s, Jack Keith developed the continuous high-temperature rendering process, a technology that transformed animal by-product processing on a global scale. That pioneering spirit established not just a company, but a standard that the industry has followed ever since.

Keith Engineering has spent more than six decades refining that legacy. From our headquarters in Erskine Park, New South Wales, with additional offices in Melbourne and Auckland, we design, manufacture, install and commission complete rendering and processing systems, managing every phase from concept through to commissioning and long-term operational support.

We are wholly Australian owned and operated. The vast majority of our equipment is designed and built in Australia by our own multidisciplinary team of engineers, project managers, technical specialists and production staff. That means tighter quality control, faster support, and systems engineered for local industry conditions.

Today, Keith plants operate across Australia and New Zealand — and internationally in India, South Africa, Namibia and Botswana. With over 100 installations worldwide, Keith is committed to ongoing engineering excellence.

AT A GLANCE

65+

Years in operation

100+

Plant installations

6+

Countries

3

Offices (AU & NZ)



WHAT WE DO

Complete Engineering Solutions

Keith delivers end-to-end process engineering for the rendering and by-product processing sector. Our capabilities span the full project lifecycle — from early-stage design through to long-term operational support.

Whole Plant Solutions

End-to-end design, manufacture, installation and commissioning of greenfield processing facilities.



Processing Equipment

In-house manufacture of cookers, dryers, presses, condensers, pumps, pre-hogs, crushers, hydrolysers, centrifuges, grinding mills and full materials handling systems.



Maintenance & Servicing

Scheduled maintenance programs, emergency response, plant refurbishments and equipment retrofits.



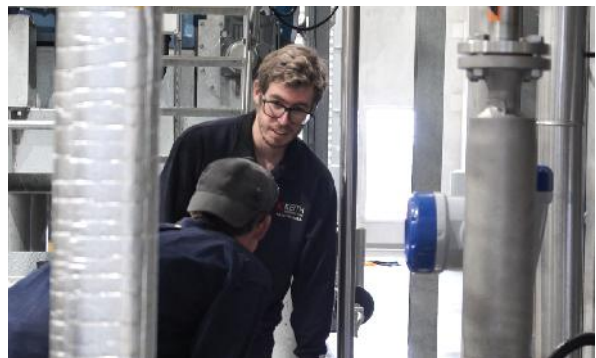
Spare Parts & Support

Locally stocked components to minimise downtime, with remote monitoring and technical troubleshooting.



Plant Consultation & Training

On-site process consulting, operator training and process optimisation to improve yield and efficiency.



R&D and Innovation

Pilot plant facilities and active research into improved drying, energy efficiency and environmental outcomes. Plus, the latest in advanced laser scanning technology, providing precision 3D mapping of facilities, streamlining project installation and execution.



EQUIPMENT RANGE

A Complete Range, Designed and Built to the Highest Standards

Keith designs and manufactures a comprehensive range of processing equipment, the majority produced at our own facility in Erskine Park. Clients benefit from a single-source supply chain, consistent quality and readily available parts.

Materials Handling

- Blow tanks
- Raw material bins & over-cooker bins
- Raw material pumps
- Tallow pumps
- Screw conveyors
- Meal blending systems

Size Reduction & Pressing

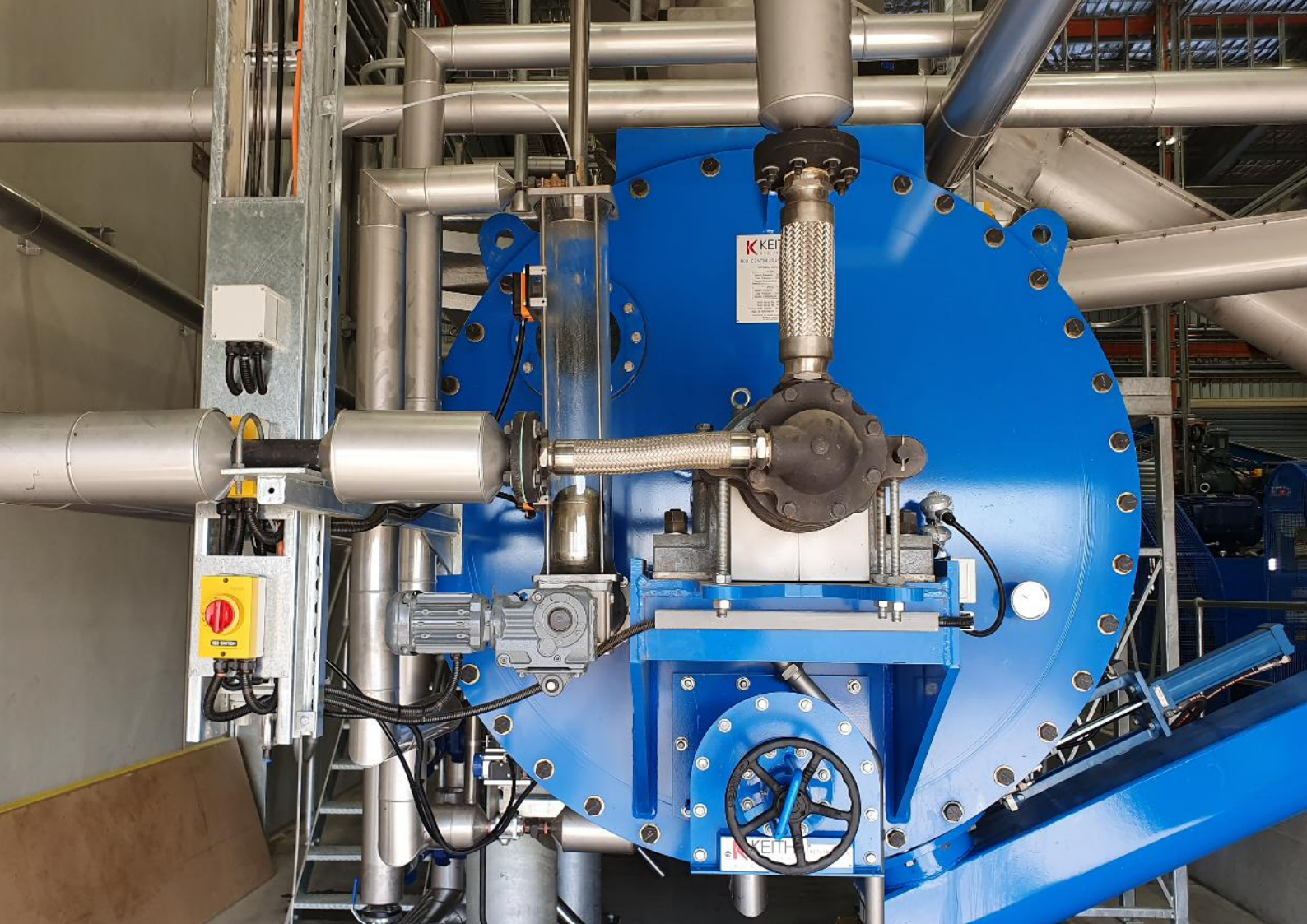
- Hammer mills
- Pre-hogs
- Screw presses
- Pre-crushers

Cooking & Drying Systems

- Continuous cookers
- Batch cookers
- Superheated steam dryers
- Disc dryers
- Ring dryers
- Rotary blood dryers
- Hydrolysers (feathers, wool & hair)

Process Equipment

- Decaners
- Condensers
- Blood coagulators
- Agitators
- Metal detection systems



WHY KEITH

Six Reasons Our Clients Come Back

Delivering complete, end-to-end solutions backed by decades of proven industry experience. We partner with our clients for the long term – providing reliable support, performance and results.

01 Proven Industry Experience

More than six decades in rendering and by-product processing. Over 100 successful plant installations worldwide. Our experience is built into every system we deliver.

02 Australian Designed & Manufactured

Wholly Australian owned and operated. Equipment designed and built at our own Erskine Park facility to suit Australian operating conditions, regulatory requirements and supply chains.

03 Deep Process Expertise

Specialising in all aspects of rendering technology, developed and refined through decades of active research and operational involvement. We understand the rendering process from the inside out.

04 Complete Lifestyle Support

From concept design and manufacture through to installation, commissioning and long-term servicing. One relationship, one team, for the entire life of your plant.

05 Spare Parts & Rapid Response

Stocked spare parts and refurbishment services to minimise unplanned downtime. Remote monitoring and troubleshooting available.

06 Innovation & Sustainability Focus

Dedicated pilot plant and R&D capabilities drive continuous improvement in rendering efficiency, drying technology and environmental outcomes, including emissions reduction and odour control solutions.



RECENT PROJECTS

Designed. Manufactured. Installed.

Keith's project management experience spans complete greenfield plant installations through to targeted upgrades within active operating facilities. Below are three recent examples.

01 Parwan Protein & Tallow

Parwan, Victoria | Complete 1800 Series Rendering Plant

Keith designed, manufactured and installed a complete Continuous High Temperature Protein Recovery Facility, capable of processing up to 12,800 kg/hr of mixed species material and coagulated blood.

Housed on a greenfield site in a purpose-built building, the plant incorporates the latest design upgrades, advanced controls and automation — minimising operator input and manual material handling. The facility reflects Keith's current standard in high-performance rendering plant design.



02 Teys Australia

Wagga Wagga, New South Wales | 260U Cooker and Meal Area Upgrade

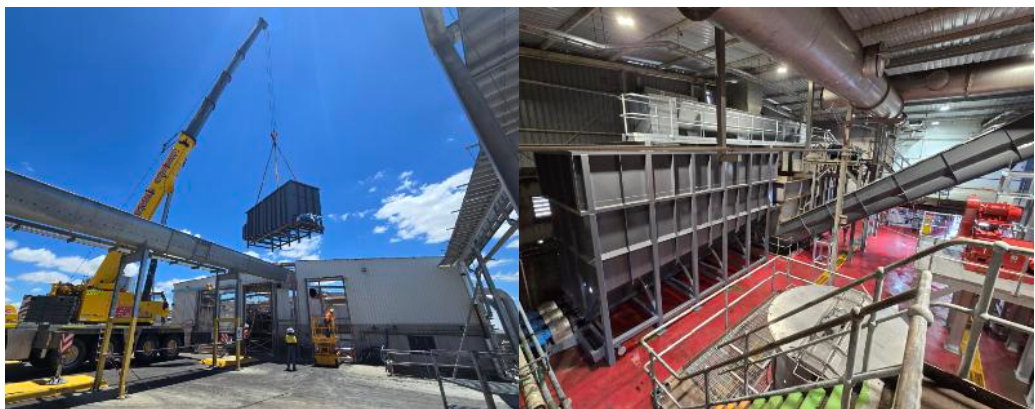
Keith Engineering supplied and installed a new Dupps 260U Bottom Discharge Continuous Cooker, Keith Super Hammer Mill, VSS468 condenser, and a Rotex Meat Meal Grading Screen, along with related materials handling equipment. The new equipment was installed within the existing plant footprint, integrated with existing operations and equipment layouts.



03 Hilltop Meats

Young, New South Wales | Raw Material and Particle Reduction Installation

Fit out of new Raw Material and Particle Reduction equipment, fitted with metal detection to replace end of life existing equipment. The installation of a larger diameter, slower rotation DUKE Press provides for higher throughput than the previous machine, whilst also performing significantly better on wear, reducing the required service intervals.





GET IN TOUCH

Let's Talk About Your Project

Whether you're planning a new facility, upgrading existing equipment or looking for ongoing technical support, Keith Engineering has the expertise, the team and the track record to deliver.

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