



design
matters

Austin Engineering is a leading designer and manufacturer of customised dump truck bodies, buckets and water tanks used in the mining industry. It is also a complete service provider, offering on and off-site repair and maintenance and heavy equipment lifting services to customers including miners, mining contractors and original equipment manufacturers. With a presence in some of the world's principal mining regions, Austin Engineering provides high quality, cost effective solutions, delivered on time and backed by through life product support.





Who We Are

AUSTIN ENGINEERING LIMITED (ASX: ANG), A PUBLICLY-LISTED ENGINEERING COMPANY, IS THE WORLD'S LARGEST NON-OEM MANUFACTURER OF MINING BODIES, BUCKETS AND WATER TANKS.

Experts in solving engineering challenges, Austin has a history of improving machine efficiency and safety. Standard and customised engineered designs are catered for from the specific requirements of OEMs to end-users.

Our manufacturing facilities are situated in key global resource sector locations.

Austin supports our products through the provision of on and off-site repair and maintenance services.

Safety is a key driver throughout the engineering and manufacturing process, with our designs often resulting in improved safety for operators.



Our Brands



AUSTIN ENGINEERING

The Austin brand encompasses the custom engineering and manufacture of mining equipment including truck bodies, buckets, water tanks, tyre handlers and ancillary products. Austin Engineering have the provision to offer support services from two Australian locations, Indonesia, USA, Chile, Peru and Columbia.



JEC

The JEC branded range of products are engineered and manufactured by the Austin group globally.



WESTECH

The WESTECH branded range of products are engineered and manufactured by the Austin group globally.



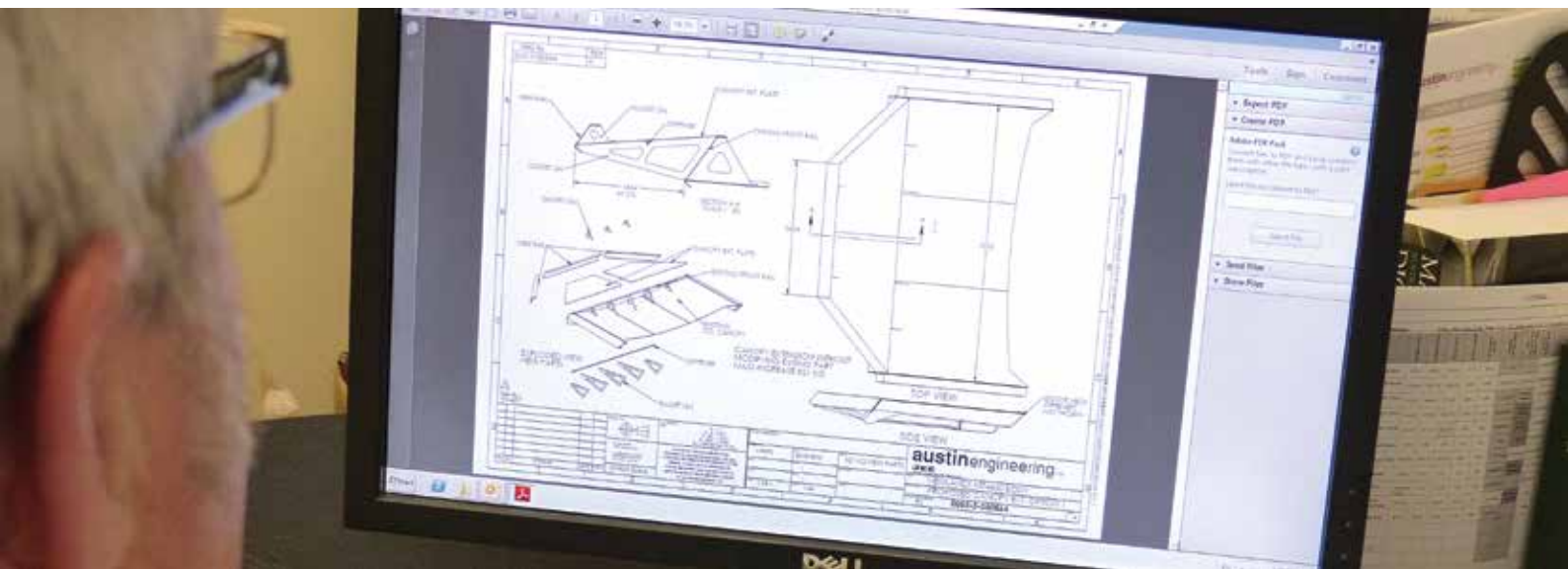
AUSTBORE

Austin Austbore is located in Mackay Australia, their core capabilities include general machining services, the overhaul of track frames and other mining equipment and mobile line-boring services.



SITE SERVICES

Austin offers site services for all our products



Engineering Solutions

EXPERTS AT SOLVING ENGINEERING CHALLENGES, AUSTIN ENGINEERING'S TEAM OF EXPERIENCED ENGINEERS PROVIDE CUSTOM SOLUTIONS FOR THE MINING INDUSTRY.

We understand that each application is unique, and we engineer our products accordingly.

We work closely with you to discuss the specifics of your site and operational conditions including variables such as material density, abrasiveness of material, potential for hang up and loading practices.

Your requirements for capacity, lifespan, OEM specifications and any dimensional constraints are also factored into the design.

Safety is always front of mind when engineering a product along with productivity improvements and maintenance cost controls.

Using the most advanced software packages and techniques, including ANSYS and EDEM, we prove the theory of our design model to ensure results will be replicated in the field.

Engineering Innovations

AUSTIN ENGINEERING UNDERSTANDS THE CHANGING DEMANDS OF THE MARKET AND WE CONTINUALLY REVIEW OUR DESIGNS AGAINST INDUSTRY REQUIREMENTS.



Our engineering innovations include the Austin Flow Control Body®, the T3 Tyre Handler and the Austin SAT Stairway Access Water Tank, as detailed below.

Austin Flow Control Body®

The Austin patented Flow Control Body® for dump trucks has a revolutionary floor design that controls the flow of material out of the body during dumping.

This more even flow results in improved dust control, improved truck stability and safety, increased body life and reduced maintenance.

The Flow Control Body® is available for all truck brands and models in combo (coal and overburden), coal or overburden designs.

T3 Tyre Handler

The T3 Tyre Handler is a compact tyre handler for use in both above and underground location.

The T3's unique third arm gives added stability when performing tyre maintenance, making the process safer. Its lower height, compact size and increased rotation provides more efficient tyre maintenance.

Suitable for use on a wide range of mine trucks and wheel loaders, the T3 also facilitates attachment tooling for use with material handling equipment.

Austin SAT

The Austin SAT module is fitted to OEM equipment for use in dust suppression or as fire fighting equipment, and comes equipped with spray equipment.

Unlike traditional water tanks the Austin SAT has larger baffle openings with a direct line of travel to improve safety when performing confined space maintenance work.

Its innovative baffle design reduces surging and improves truck stability by up to 18%, increasing operator safety.





Products & Services

OVERVIEW

Austin is a leading engineer and manufacturer of a range of customised mining equipment.

Known for our expertise with dump truck bodies, excavator buckets and water tanks, we also produce a range of ancillary products such as tyre handlers.

Our manufacturing processes adhere to strict quality standards and is conducted using the latest in fabrication techniques and technology.

Products are customised to our clients specific applications to maximise machinery efficiency.

Products

- Dump truck bodies
- Buckets
- Water tanks
- Tyre handlers
- Ancillary attachments

Services

- Equipment repair and maintenance
- Specialised fabrication
- Blasting and painting



Products & Services

BODIES

Austin engineers and manufacturers bodies as well as manufacturers OEM dump truck bodies.

Our dump truck bodies are custom engineered for all makes and models of trucks and applications.

We use a unique mix of steel plate during our monitored fabrication process, and design and install wear liner packages to suit client applications.

Our engineering experience enables us to deliver increased payloads, increased strength and wear ability, and increased reliability. Our ability to pass match maximises your fleet capabilities and lowers operating costs.

Experience counts – we have been engineering and manufacturing products for the mining industry for over 50 years.



Products & Services

MINING BUCKETS

Austin is an industry leader in the engineering and manufacture of mining buckets to suit excavators, face shovels and front end loaders.

Our designs, ranging from 1.5m³ to 52m³, are suitable for any application whether hard rock, iron ore, or coal.

From high production lightweight buckets through to heavy duty armored buckets, each bucket is customised to suit your specific application.

Ground Engaging Tools and wear package options are available to suit a diverse range of applications and OEM specifications.

We understand the importance of maximising machine efficiency so we engineer your bucket to capacity match bucket weight and material density and undertake pass matching - this results in faster cycle times.



Products & Services

DIPPER BUCKETS

Austin engineers and manufactures rope shovel dippers with capacity up to 78yd³, optimised to suit mining application and improve digging efficiency.

They can be constructed to suit all available brands and styles of lip and Ground Engineering Tools (GET).

The dippers feature a fully customisable internal liner kit which can be modified to suit specific applications, along with upgraded welded connections optimised using Finite Element Analysis (FEA) to increase peak lifespan.

The heavy-duty fabricated door is also optimised using the FEA software to improve holding capacity.

An external liner of wear plate is attached and can be customised to suit client requirements.

Lip castings in the varying designs are fully gauged prior to installation to ensure correct fitment of GET.

When in operation it is possible to change the angle of attack to optimise digging efficiency.

Site inspections are completed regularly to monitor performance and provide recommendations for life and operation improvement.



Products & Services

WATER TANKS

Suitable for on or off-road vehicles, our water tanks are used for dust suppression or fire fighting.

Available in 14,000 to 180,000 litre capacity, all spray equipment brands are available.

Austin's unique Stairway Access Water Tank (SAT) has large baffle openings with a direct line of travel to improve safety when performing confined space maintenance work. Its innovative baffle design reduces surging and improves truck stability by up to 18%, increasing operator safety.



Products & Services

TYRE HANDLERS | ATTACHMENTS

Tyre Handling Equipment

Austin designs and manufactures a comprehensive range of tyre handling equipment from 1,800kg to 15,000kg capacity.

Our tyre handlers offer a range of options including 30° body/120° pad rotation or 360/360 option, telescopic or parallelogram designs, side shift and quick hitch. A range of connections are available.

Our T3 Tyre Handlers unique third arm gives added stability when performing tyre maintenance, making the process safer.

Mining and Material Handling Attachments

Austin is able to design and manufacture a broad range of attachment products to suit any application.

We can produce a range of material handling equipment including fork frames, crane jibs, quick couplers, man cages, stemming buckets, cable reels and more.

Whether you are an OEM or end user we can work with you to engineer an attachment to suit your unique application.



Products & Services

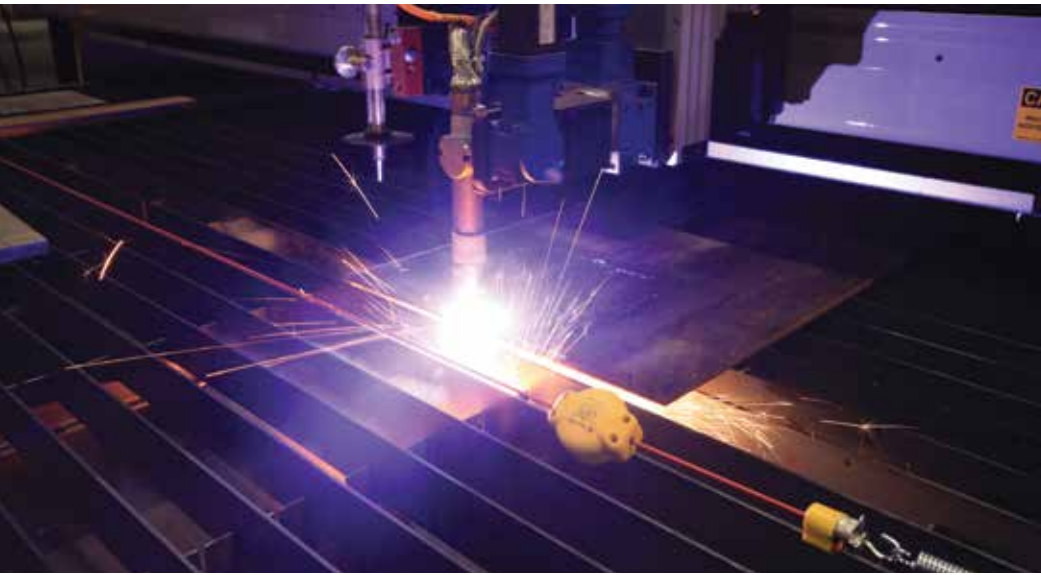
REPAIR AND MAINTENANCE

Austin Engineering provides a comprehensive range of on and off-site repair and maintenance services for mining equipment.

From preventative maintenance through to emergency breakdown repairs or scheduled refurbishments our experienced technicians can assist you.

Our mining equipment maintenance services cover a range of equipment including mining truck body or tray repair and mining excavator bucket repair.

Fully equipped workshops with the latest in robotic welding systems and heavy duty overhead cranes are available for off-site maintenance and repair requirements, whilst specialised mine specced service vehicles are available for on-site work.



Products & Services

BLASTING AND PAINTING | FABRICATION

Blasting and Painting Services

Our purpose built blasting and painting facilities serviced by overhead cranes enable us to offer a full complement of industrial abrasive blasting and painting services.

Whether you require protection from corrosion or wear, or require services for cosmetic reasons to apply brand colours, we have a range of coating types available to suit your needs.

Specialised Fabrication

In addition to our product manufacturing fabrication process, Austin Engineering offers specialised fabrication and heavy fabrication services.

Our fabrication services range from general fabrication through to structural steel and heavy plate. Products we are able to fabricate include skids, mineral processing equipment and modular structures.

As specialists in our field, Austin Engineering has a team of experienced technical experts in welding including qualified International Welding Inspectors.



Through Life Support

YOU CAN HAVE CONFIDENCE IN PARTNERING WITH AUSTIN ENGINEERING AS WE OFFER A COMPREHENSIVE SUPPORT PROGRAM FOR OUR PRODUCTS AND SERVICES.

With operations located in industry hubs we are easily accessible for support requirements, from structured asset management plans through to emergency break down repairs.

Experience the advantage of having your equipment maintained or refurbished by the manufacturer. With access to the original build

records we can ensure the appropriate welding procedures are adhered to.

Austin Engineering warrants all products for a period of 12 months or 6,000 hours, or whichever comes first subject to warranty conditions.

