

austinengineering^{LTD}



Built on Innovation

Austin Engineering is a leading designer and manufacturer of customised dump truck bodies, buckets and ancillary products 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 ANCILLARY EQUIPMENT.

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

Our manufacturing facilities are situated in key Australian and global resource sector locations. Each Austin Engineering business unit division, including the Quality Assured Brisbane and Perth operations, provide an array of manufacturing, repair and support services.

Our Australian workshop facilities include a number of 50 tonne overhead cranes, brake presses up to 1800 tonne capability, industrial blasting and coating facilities and the latest robotic manufacturing equipment.

Austin Engineering 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

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AUSTIN ENGINEERING

The Austin Engineering brand encompasses design and manufacture of mining and earthmoving equipment, along with the provision of support services, from four Australian operations (Brisbane, Hunter Valley, Mackay, Perth), an Indonesian operation and Peruvian operation.

austiningenieros

AUSTIN INGENIEROS

The Austin Ingenieros brand represents the company's operations in Chile and Colombia, providing design and manufacture of mining and earthmoving equipment, along with the provision of support services.



AUSTBORE

Austbore's core capabilities include general machining services, the overhaul of track frames and other mining equipment and mobile line-boring services. Austbore works closely with the Austin Engineering Mackay operation in supply of their services.



COR COOLING

As the only national service provider and manufacturer of industrial cooling and heat transfer equipment, COR Cooling is a market leader working closely with some of the world's largest companies in the mining, marine, transport and associated industries.



JEC

Perth-based John's Engineering & Cranes Pty Ltd (JEC), was one of Australia's longest established manufacturers of Mining and Earthmoving attachments and off-highway truck bodies. The JEC branded range of products are now designed and manufactured by Austin Engineering operations globally.



PILBARA HIRE

Pilbara Hire Group provide full turnkey, on-site repair and maintenance services throughout Western Australian mine sites, with a particular focus on mobile mining and fixed plant equipment.



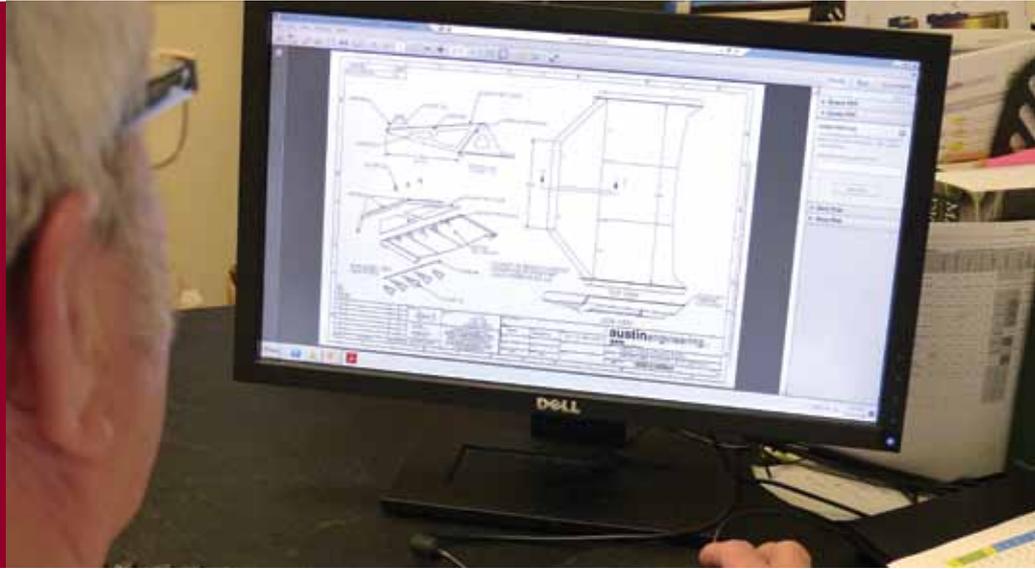
SERVIGRUT

Servigrut is a significant and successful supplier of heavy equipment lifting, transportation and site services to the mining and industrial markets in Chile.

WESTECH

WESTECH

Western Technology Services, or Westech, is one of the world's largest non-OEM designer and manufacturer of off-highway dump truck bodies. Based in Wyoming USA, the Westech branded range of products are now designed and manufactured by the Austin Engineering Group globally.



Engineering Solutions

EXPERTS AT SOLVING ENGINEERING CHALLENGES, AUSTIN ENGINEERING'S TEAM OF EXPERIENCED ENGINEERS PROVIDE CUSTOM SOLUTIONS FOR SPECIFIC APPLICATIONS.

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 Westech Flow Control Body[®], the T3 Tyre Handler and the Stair Access Water Tank, as detailed below.

Westech Flow Control Body[®]

The Westech Flow Control Body[®] for off-highway dump trucks (patent pending) 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 underground and in confined space, along with above ground use.

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.

Stair Access Water Tank

The Stair Access Water Tank 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 tank modules, the Stair Access Module 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 Engineering is a leading designer and manufacturer of a range of mining and earthmoving equipment, including the reputable JEC and Westech brands.

Known for our expertise with off-highway dump truck bodies and mining excavator buckets, we also produce a range of ancillary products such as tyre handlers and water tank modules.

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

Products are customised to our customers' specific applications to maximise machinery efficiency.

Products

- Off-highway dump truck bodies
- Buckets
- Water tanks
- Service modules
- Tyre handlers
- Ancillary attachments

Services

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



Products & Services

BODIES

Austin Engineering is the designer and manufacturer of Westech and JEC bodies as well as a manufacturer of OEM off-highway dump truck bodies.

Our dump truck trays 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 designed, manufactured and delivered over 8000 off-highway dump truck bodies.



Products & Services

MINING BUCKETS

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

Our JEC 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.

GET 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.

Experience counts - we have designed, manufactured and delivered buckets for over 25 years.



Products & Services

WATER TANKS | SERVICE MODULES

Water Truck Tank Modules

Suitable for on or off-road vehicles, our water tank modules, for dust suppression or fire fighting trucks, are heavy duty in their construction.

Available in 14,000 to 180,000 litre capacity, all spray equipment brands are available including the quality Magnum product range.

Austin Engineering's unique Stair Access Water Tank module 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.

Service Truck Modules

Designed to meet customer specifications, Austin Engineering's lubrication, service and fuel truck modules are suitable for on or off-road vehicles.

We are able to design single or multi-compartment modules from 10,000 to 140,000 litre capacities.

Working with the OEM or directly with the end user, we tailor a solution to your specific application.



Products & Services

TYRE HANDLERS | ATTACHMENTS

Tyre Handling Equipment

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

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

Our unique T3 Tyre Handler is a compact tyre handler for use underground and in confined space, along with above ground use. The T3's unique third arm gives added stability when performing tyre maintenance, making the process safer.

Mining and Material Handling Attachments

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



www.austineng.com.au

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WESTECH **JEC**