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## Customised Dump Truck Bodies

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### FOR DUMP TRUCKS

- Application specific engineering
- Maximise fleet capabilities
- Lower operating costs
- High quality manufacturing





## Dump Truck Bodies

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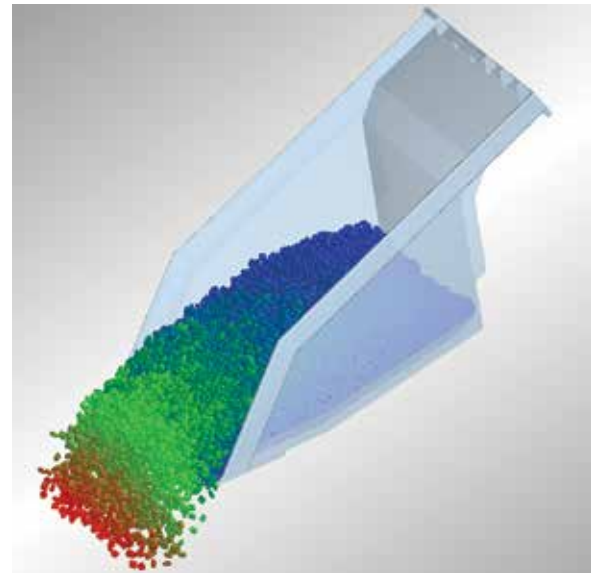
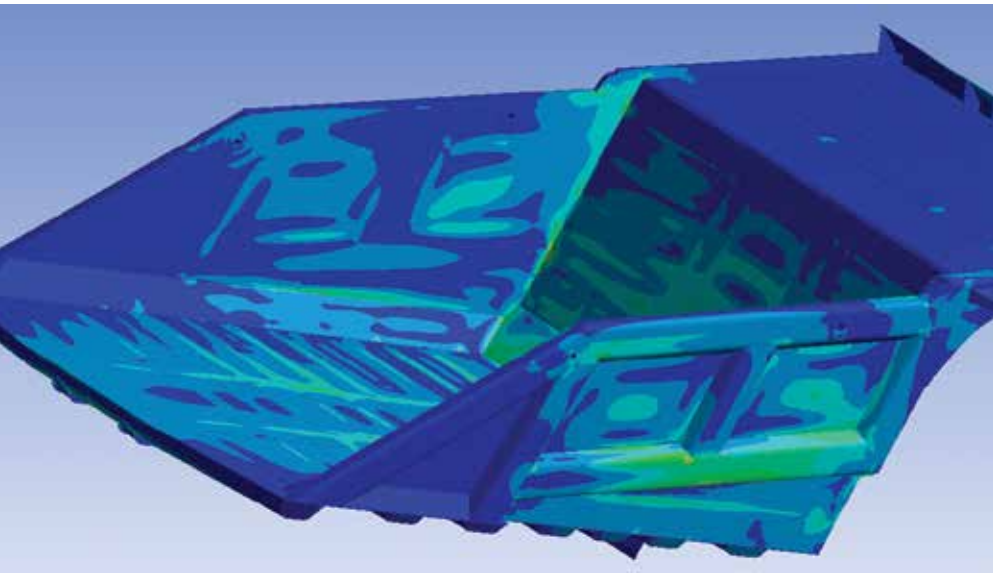
**AUSTIN ENGINEERING IS THE DESIGNER AND MANUFACTURER OF WESTECH, JEC AND ULTIMA DUMP TRUCK BODIES AS WELL AS OEM DESIGNED BODIES.**

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 wearability and increased reliability. Austin's ability to pass match maximises your fleet capabilities and lowers operating costs.

Experience counts – we have engineered and manufactured dump truck bodies for over 50 years.



## Engineered Solutions

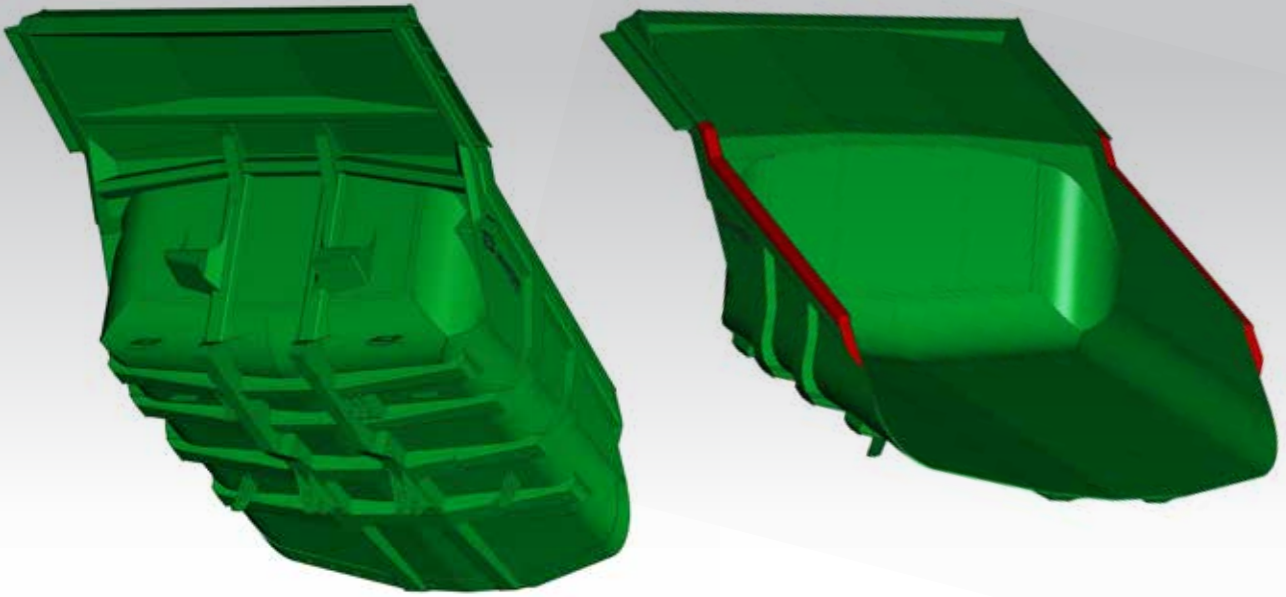
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Our WESTECH, JEC and ULTIMA dump truck bodies are engineered to suit our clients unique application requirements. We work closely with our clients to discuss the specifics of their site and operational conditions including variables such as material density, abrasiveness of material, potential for hang up and loading practices.

Our clients requirements for capacity, lifespan, maintenance and any dimensional constraints are also factored into the design.

We are able to customise a body to increase payload whilst still adhering to OEM specifications. Our engineering team is also able to pass match to maximise fleet capabilities.

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



## Austin ULTIMA Dump Truck Body

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The fully customisable Austin ULTIMA dump truck body is lighter and stronger than current OEM bodies, which translates to a 10–15% weight saving without sacrificing payload.

The unique V-floor channels the payload to the centre of the tray resulting in a lower centre of gravity which improves the stability and safety along with a reduction in overall tray wear. This combination reduces dump cycle times.

The overall shape results in better material distribution within the structure while maintaining the payload / weight advantage.

The design results in an increase in the structural integrity providing superior impact and wear resistance which extends fatigue

life and lowers the maintenance costs. The tapered sides run the full length of the body to minimise wear and assist in the reduction of carry back and reduces side spillage in the dumping cycle. The low -profile rear floor shape combined with a reduced height bolster provide additional ground clearance when dumping.

- Carries a greater payload
- Reduction in carry-back
- Delivers the lowest cost per tonne in the world market
- “V” profile floor channels the load to the centre of the tray
- Empty is achieved at  $\frac{3}{4}$  tipping
- Available in both “straight floor” or “flow control combo”
- Meets all OEM specifications



## Through Life Support

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Our clients have confidence in partnering with Austin as we offer a comprehensive support program for our dump truck bodies.

All JEC, WESTECH and ULTIMA products carry an engineering and workmanship warranty for

a period of 12 months or 6,000 hours, or whichever comes first subject to warranty conditions.

We can undertake on-site inspection and produce condition monitoring reports to ensure product life is maximised.

## Preventative Maintenance and Repairs

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Austin provides a range of on and off-site repair and maintenance services for dump truck bodies. Our services are available both for products manufactured by us and other manufacturers including OEMs.

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 spec'd service vehicles are available for on-site work.

