

Austin Designs Safety

SAFETY CONSIDERATIONS

Increased side spillage control through a reconfigured canopy design provides a safer operating environment as compared to conventional body designs

Design Verification – FEA Analysis

Body structures are fully analysed for optimal fatigue life with the latest FEA software

Payload Verification – EDEM Analysis

EDEM simulation verifies that the Austin ULTIMA will offer a 10%-15% weight saving over comparable designs.

“Real world” payload modelling techniques guarantee projected payloads are achieved.

ABOUT AUSTIN

Austin is the world's leading designer and manufacturer of customized, high quality dump truck bodies, buckets and ancillary products used in the mining industry.

Strategically located across five continents, Austin has the largest global footprint of manufacturing facilities of any dedicated customised off-highway truck body and bucket provider.

With over 50 years, experience building customised truck bodies and over 10,000 bodies in operation. No other truck body manufacturer can speak from this level of experience.

FOR MORE INFORMATION CONTACT

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 **ASX** CODE: ANG



Austin ULTIMA Dump Truck Body



design matters | austineng.com



AUSTINCMS-56

THE NEXT GENERATION IN MINING DUMP BODIES

The new customisable body is designed from over 50 years of WESTECH and JEC dump body innovation. Utilising new technology in steel and engineering expertise, the Austin ULTIMA is the new benchmark in dump body design.

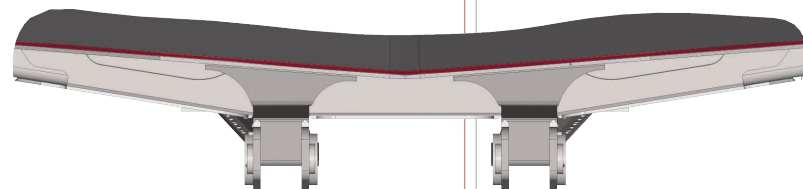
The Austin Ultima will deliver the lowest cost per ton truck body solution on the market across all OEM models and all commodity types. Engineered solutions can be provided in this design to provide record payloads in light-weight variants; and record lifespans in thicker steel variants.



Feature Highlights

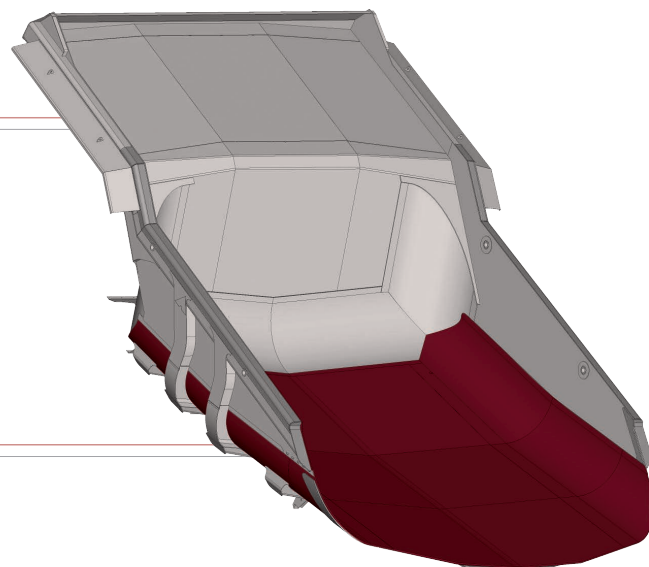
V-FLOOR DESIGN

- Funnels the load toward the body centre
- Reduces overall wear
- Improves machine stability
- Reduced tipping angle reduces dump cycle times
- Significantly reduces carry back



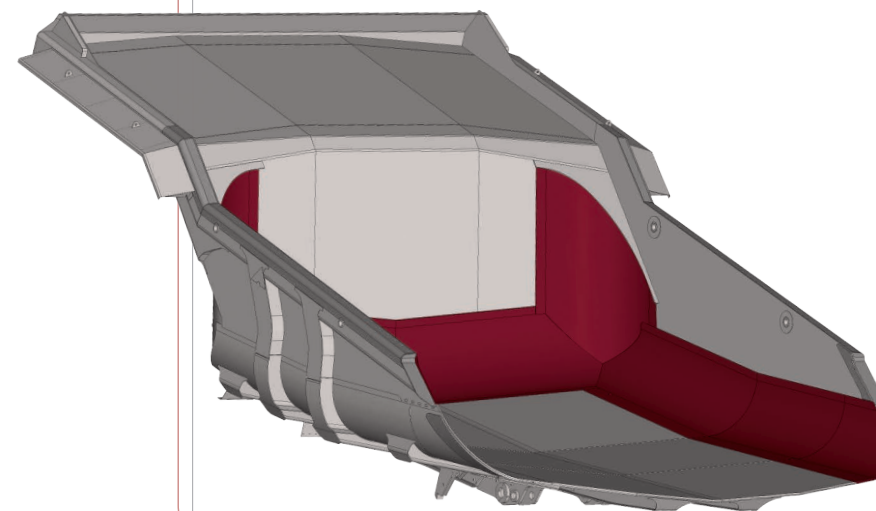
INCREASED STRUCTURAL INTEGRITY

- Improves fatigue life
- Lower maintenance costs
- Provides for superior impact resistance



TAPERED SIDES

- Full length of the body minimises wear over the rear 2/3
- Assists in carry back reduction
- Reduced side spillage when dumping



FULLY OPTIMISED BODY CONTOURS

- The shape of the body has been optimised to suit “real world” loading conditions allowing better material utilisation to critical areas within the body structure while maintaining a payload / weight advantage.
- A low profile rear floor shape and reduced height bolster provides additional ground clearance when dumping
- The customisable laminated rear floor plate design provides additional resistance to damage from berm dragging and paddock dumping while also extending the life of the floor in the highest wear area.

Patent Pending 2018