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## Product Information Bulletin

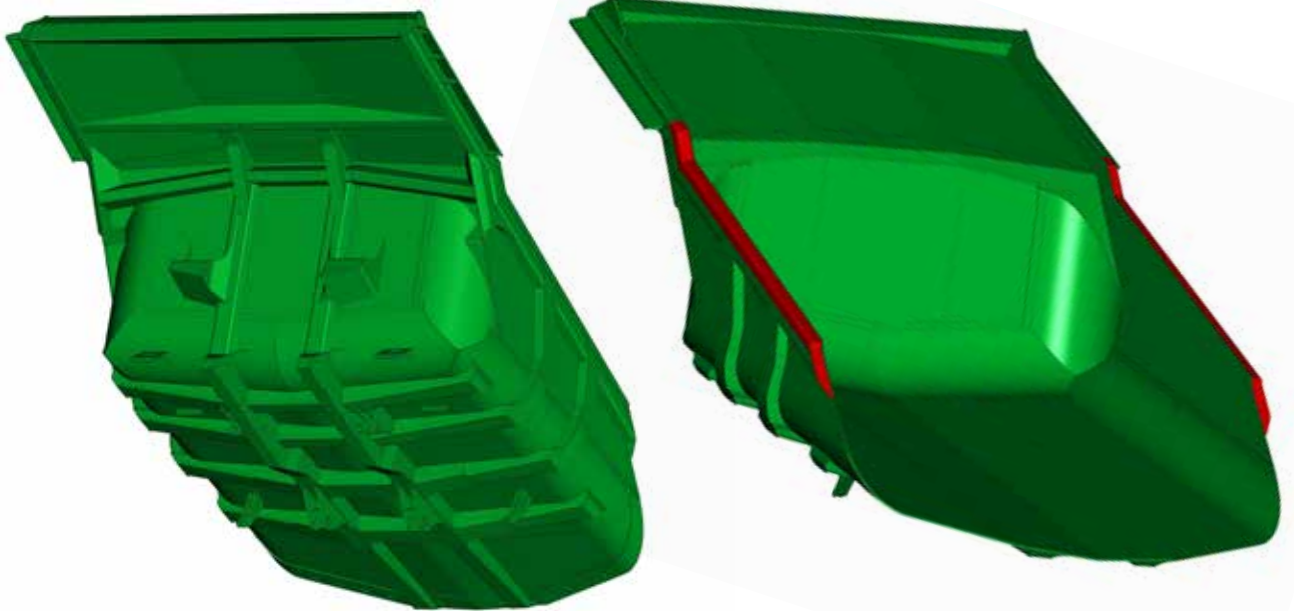
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# Austin ULTIMA Dump Truck Body

### 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 steels and engineering expertise, the Austin ULTIMA will be the new benchmark in future dump body design.

The Austin ULTIMA will carry a greater payload and will meet all OEM specifications and ultimately will deliver the lowest cost per tonne in the world market.



# Feature Highlights

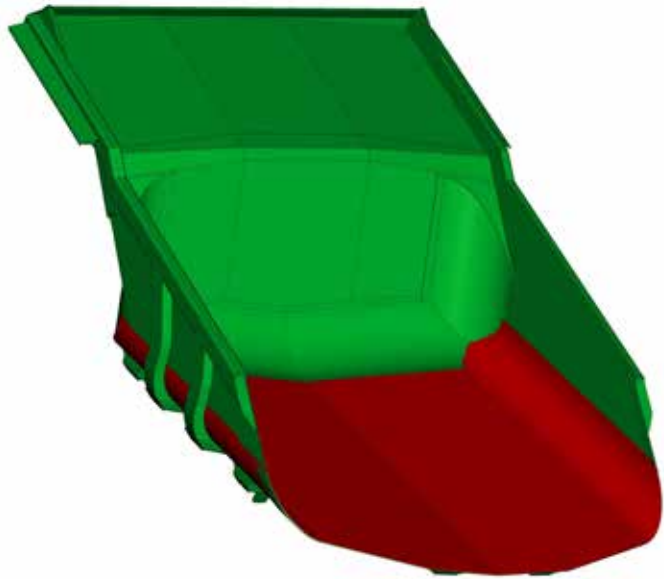
## VEE FLOOR DESIGN

- Funnels the load toward the body centre
- Reduces overall wear
- Improves machine stability
- $\frac{3}{4}$  tipping reduces dump cycle times
- Improves carry back reduction



## 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 two thirds
- 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.



# Austin Design's Safety

## SAFETY CONSIDERATIONS

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

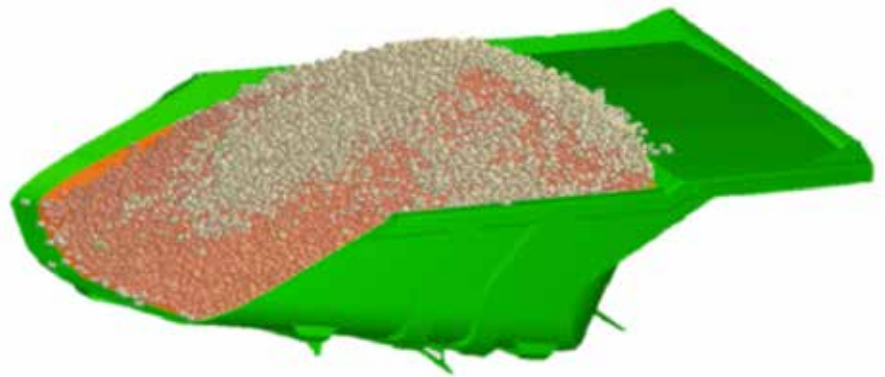
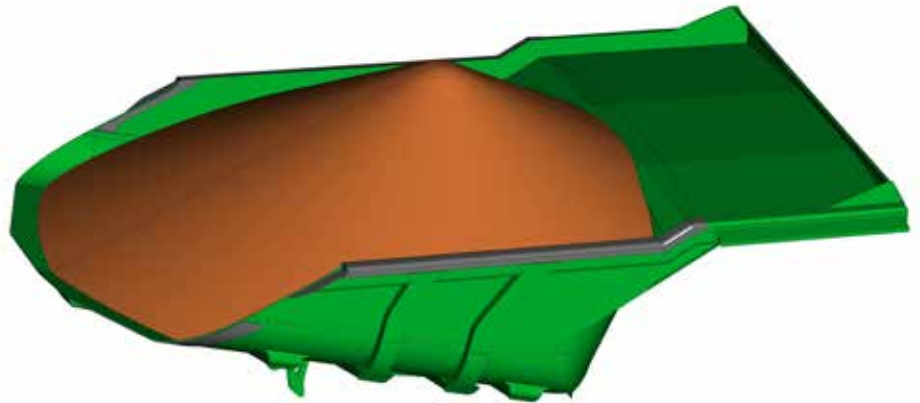
### Design Verification – FEA Analysis

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.



## FOR MORE INFORMATION CONTACT

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