



## Technology

The Mobile Mining Unit (MMU) is a high-performance solution designed by Mineral Technologies, for mining sites where traditional dredging is not an option, or not cost effective. The technology delivers improvements in availability, orebody yields, throughput and overall mineral recovery.

Suited to sand environments that include organics such as tree roots, light clay and soft or friable rock, MMU's can reduce operating costs by eliminating the need for conventional "truck and shovel" mining.

## Advantages

- **Reduced operating and resource costs** providing up to 30% savings over typical "truck and shovel" operations
- **Continuous performance** and reduced downtime in relocating truck-mounted dozer traps, eliminating the need for static in-pit units
- **Minimised environmental impacts** as deep deposits are optimal, allowing the open area of the mine pit to be reduced and tailings to be stacked behind as the face advances
- **Faster site rehabilitation** due to the ease in return of overburden
- **Processing at the pit** when the MMU is linked to a modular plant setup
- **Smaller footprint and lower capex** when operated in conjunction with a modular or relocatable plant
- **Increased safety** with the reduction of truck movements and fewer hazards associated with mechanical/operational downtime

## Features

- 750tph nominal operation with peak 900tph
- Complete remote control via tablet device eliminating the need for on-board personnel
- Feed hopper design option fed by CAT 349F – 390F excavator or equivalent
- Shredder unit option to crush and shred ROM ore to a suitable size for pumping with electric/hydraulic drive
- Slurry pump for delivery of slurried ore to downstream processes
- Hopper water option for slurring of ore, increasing fines throughput and extending shredder blade life
- On-board air compressor for valve operation and tool air as required
- Trackset with drive motors and an electric hydraulic power pack
- Transformer and drive cabinets
- Full service warranty
- Training & support service plan

## Contact Us

For more information including performance data and detailed technical specifications please email [info@mineraltechnologies.com](mailto:info@mineraltechnologies.com)

