

Custom Storage To Grow Mining Operations

CHALLENGE

A mining site relied on outdoor racking for the storage of components. But when the existing racks showed visible signs of age and deterioration, our client took the opportunity to speak to DAYWALK for a custom storage solution to meet their specific requirements.



UNFIT STORAGE RACKING

The existing storage system was a stand-alone racking unit, provided to expand the storage capacity without the need for warehouse expansions.

However, this well-used racking posed a range of issues including:

- Showed visible signs of aging and damage
- The storage was not structurally rated
- Design unfit for current storage requirements

To provide value for the client and boost storage capacity in a safe and efficient manner, DAYWALK engineers were tasked with developing a more relevant and rated solution for the gold mining operation.

ENGINEERED STORAGE FOR MINING

With DAYWALK's team of in-house engineers, we created several storage options for our client to review, to ensure that the new racking meet their needs and improved their operational efficiency and optimised their storage capacity — without taking up unnecessary floor space.



Old racking was showing signs of age including rust, damage and general wear and tear.



The old storage system was overdue for an update, as it was no longer fit-for-purpose with the operational requirements.

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The DAYWALK custom storage offered durable racking with an efficient footprint for space saving.

CUSTOM ENGINEERED STORAGE

Key features to improve operational capabilities and efficiency were front-of-mind when the DAYWALK team began developing the new storage system. These considerations included:

- Durable and rust proof structure for longevity
- Suitable for harsh environments and humid climates
- Safer supply chain solution for easier handling and storage
- Optimal storage with minimal footprint to save floor space

OUTDOOR RACKING FOR MINING APPLICATIONS

This project resulted in engineered solutions including an 8m long multi-level A-frame racking system with 500mm cantilever beams, a taller and thinner iteration of this system, and a 5m long square frame rack solution with 1200mm beams.

Considering their component storage requirements, usage details and available floor space, the client opted for option A, providing ample storage in a streamlined A-frame design. This improved operations for our mining client, allowing teams to easily and safely access components, storing them securely until the next time they are required.

CONTACT US

Ready to reduce downtime and protect your critical mining components? Whether you need an off-the-shelf solution for immediate deployment or a custom-designed storage and transport system, DAYWALK delivers engineered solutions that keep your site organised, compliant, and moving. Talk to our team today to find the right storage solution for your operation.

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