Maximising Space for Critical Mining Spares

CHALLENGE

A mine site was storing around 2,000–3,000 square metres of critical spare components, including large gearboxes, pumps and other heavy equipment that needed to be protected and ready to go at a moment's notice. Storage charges, potential relocations and managing an inventory of this size made the process costly and challenging.



DIFFICULTIES WITH STORING HEAVY COMPONENTS

Peter McKinstry, Supply Chain & Asset Management Consultant, found that components were stored directly on the warehouse floor or on transport skids. That made them hard to move and stopped operators stacking items or using vertical space. Conventional pallet racking wasn't suitable for these bulky, heavy components, and relocating the inventory carried significant ongoing costs.

> *"I needed a storage system that would reduce our footprint in warehouse by 60%."*
>
> – Peter McKinstry, Supply Chain & Asset Management Consultant

2 or 3 Level storage available	**6 months** Payback by rationalising warehousing	**14T** UDL per level, with 26T on the base

ENGINEERED STORAGE INNOVATIONS

DAYWALK's Technical Consultants and in-house engineering team were enlisted to make better use of vertical space without compromising safe storage or access to critical components. The goal: a heavy-duty, mobile storage structure that could take the weight of mining components and deliver excellent ROI. Inspired by mobile stillages and flat-rack storage, it was scaled and engineered for heavier mine-site components, so bulky items can be stored above one another.

BENEFITS OF GOING UP, NOT OUT

Rated to 14T UDL per level, with 26T on the base, the 2- or 3-level Stor-Rak kit is assembled onsite and moves with the business. It solves:

- **Wasted space** – no more parts on pallets eating floor space
- **Lack of organisation** – related parts kept together, easy to find
- **Heavy parts** – built for weights few alternatives can take
- **Relocations & expansions** – a mobile, once-off investment





Keep Moving

CONTACT US

If you're battling a large inventory of heavy components for mining or industrial applications, get in touch with our experienced team. We have storage solutions for warehouses, workshops, sites and remote locations. Talk to our team today to find out how you can keep every part moving.

LEARN MORE

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