

Timber Pallet Breakdowns Causing Downtime Mission-Critical Ops Could No Longer Afford *Steel Solutions*

CHALLENGE

Heavy equipment components were critical to operational readiness, but transport-related damage and handling risks were causing costly downtime. Expensive, vital components were being transported on timber frames. These frames were constantly breaking and failing - creating delays, safety issues and ultimately downtime that was affecting project outcomes. To quickly rectify the issue of downtime, we recommended our client make the switch to steel pallets so they could keep every part moving with certainty.



COST OF TIMBER PALLET FAILURE FOR CRITICAL COMPONENTS

When mission-critical equipment components are transported on timber pallets, the pallet itself can become the weakest link in the supply chain. Heavy loads, repeated handling, exposure to the elements, and long storage periods can all contribute to timber degradation. Over time, timber pallets crack, split, absorb moisture, and lose structural integrity, creating unnecessary risk for high-value assets.

CONSEQUENCES OF FAILED PALLET:

The consequences extend beyond damaged packaging. A failed pallet can lead to:

- Load instability during transport
- Unsafe handling operations
- Damage to critical components, causing delays and rework
- Time wastage while equipment is resecured or replaced
- Staff tied up with inventory management of failing pallets, that require regular replacement

For operations that rely on equipment availability, even a small delay or minor handling challenge can have



Timber pallet failure is common in operations, with the projected lifespan of a timber pallet being around 6 months at best.



Changing the inventory of pallets to steel provided certainty that downtime due to pallet failure would no longer hinder operations.

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A cost-effective and sustainable alternative to timber pallets, the Xyphos offer a reliable storage and

TIMBER PALLET SLOWING DOWN OPERATIONS

Traditional timber pallets are often designed for single-use or light-duty applications, making them ill-suited to the repeated transport, storage, and handling cycles associated with heavy industrial equipment. As components move between locations in all types of environments and weather, they can be damaged or break down — which compromises their performance.

MAKING THE SWITCH TO STEEL

Steel transport pallets are Engineered to withstand repeated handling and transport cycles and provide a more reliable alternative for heavy and valuable equipment. Steel pallets, such as the DAYWALK Xyphos and Spartan solutions are a sustainable alternative to timber pallets. These steel pallets are transport certified and will maintain their structural integrity under load.

IMMEDIATE BENEFITS OF STEEL PALLETS

Switching to steel pallets means less downtime through transport that offers better strength, compliance, durability, safety and longevity.

The result of switching to steel pallets includes benefits such as:

- Improved protection for critical assets in transport or storage
- More efficient loading and unloading of components
- Reduced risk of handling damage and safety incidents



Keep Moving

STEEL PALLET RESULTS

Overall, these cost-effective steel pallets from DAYWALK provide greater confidence and certainty that equipment will arrive ready for deployment when needed, so operations can keep moving.

CONTACT US

Many organisations don't think about the problems that can occur throughout a supply chain when timber pallets fail. That is, until an incident or problem occurs. DAYWALK's Xyphos and Spartan pallets offer a tiered solution for pallet storage and transport, with many options to suit your exact needs. Talk to our team today about reducing downtime for your business.

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