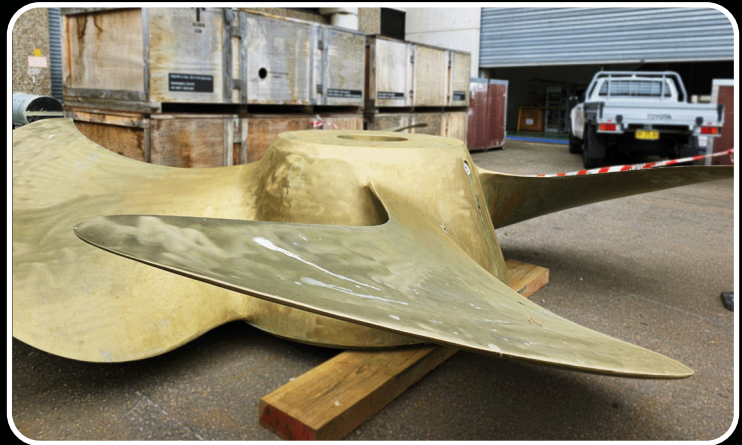


Certified Transport Solution Propels \$100,000s in Savings for Critical Component
Propellor Transport

Early 2026

CHALLENGE

As the geopolitical landscape becomes more unpredictable, the need for a reliable solution for critical components comes to the forefront of operational requirements. Our client sustained damage to propellers during component transport, resulting in high repair costs, unforeseen delays and mission-critical equipment being grounded. They required a failsafe solution to prevent delays impacting project costs and operations.



HIGH VALUE COMPONENT DAMAGE

When we talk about high-value components, there's few items more valuable than a ship propeller. With these items costing upwards of \$1 million, they are an expensive component that requires optimum protection so they can be transported and utilised at a moment's notice. Without reliable, fit-for-purpose transport, these hydrodynamic propulsion components are damaged or delayed — costing downtime that halts critical operations.

Propellor value >\$1 million

Propellor repairs >\$100,000s

TIMBER INSUFFICIENT FOR COMPONENT WEIGHT

Our client required propellor transport frames due to insufficient and dangerous transport, previously performed with timber crates. Due to the significant size of the propellers — some 15 tonnes — the sheer dimensions and weight of the equipment required a custom solution.

The effect of insufficient propellor transport on operations:

- Components are damaged and not available for use
- Repairs slow down the larger operation
- Costs increase with repair bills and downtime
- Teams are slowed down as they wait for the repaired propellor



Broken frames used for the propeller were not sufficient fo the scope of the component.



The deteriorated state of the timber was visible, showing the vulnerability of the material.



Errorded timber pallet providing minimal support to a propeller with high risk of damage occuring.

Keep Moving

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CUSTOM TRANSPORT FRAMES FOR PROPELLORS

The DAYWALK in-house team of engineers went to work on a solution for propellor transport. Key considerations for the project included the fact that timber crates were taking up space, couldn't be moved, and were causing damage to the components.

This means that the transport had to:

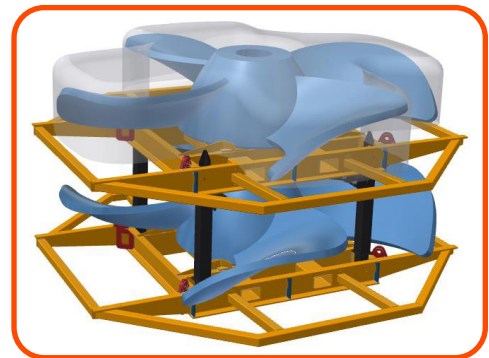
- Be easily moved by crane or forklift
- Provide protection for the high-value propellers
- Be certified and safe for transport
- Save floor space by not taking up unnecessary room

PROPELLOR FRAMES

The DAYWALK team developed the specialised transport frame, to support the 15T component – and ensure fast deployment.

With dimensions exceeding 4 metres long, the heavy-duty frame featured:

- Fork pockets in custom dims
- 2-point crane lift
- Arresta lugs
- Internal lashing points
- High friction rubber
- Road transport certification
- Re-usable top cover shell for protection



STEEL STILLAGES

The hubs stillages were also developed to assist operations. Engineered to provide road transport certified stillages, these IT stillage solutions offer efficiency and safety in the transport of components.

The custom stillages are also conveniently stackable in storage, to save valuable floorspace when not in use.

Consisting of stackable steel stillage and transport frames with covers were engineered to suit the components. The stillages are road transport certified, with internal lashing points and high friction rubber to ensure safe, reliable transport.

The stillages were also stackable in storage, so they would save valuable floorspace when not in use.

Overall, the custom solution was developed swiftly by DAYWALK, with a deep understanding of client requirements for reliable, certified and efficient transport of high-value components. Components are fully protected, ready and certified for road transport, so efficient deployment can be achieved.

CONTACT US

DAYWALK provides unmatched custom transport frame capabilities, with our innovations in-demand across Australia and the globe. With our in-house engineering team and decades of industry experience, we provide smart, responsive solutions, to propel your operations forward. Connect with our specialist team on **1300 662 987** to discuss your requirements or complete the [online form](#) and we'll be in touch.

LEARN MORE

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