

# INDUSTRY INSIGHT

Transport Safety



## The Challenge >

With a large amount of road freight contributing to the success of industry Australia-wide, comes the challenge of safely transporting heavy equipment, such as gearboxes, pumps, valves and engines.

The challenges that industry faces is that many of their current systems are non-compliant to Chain of Responsibility 2018 regulations.

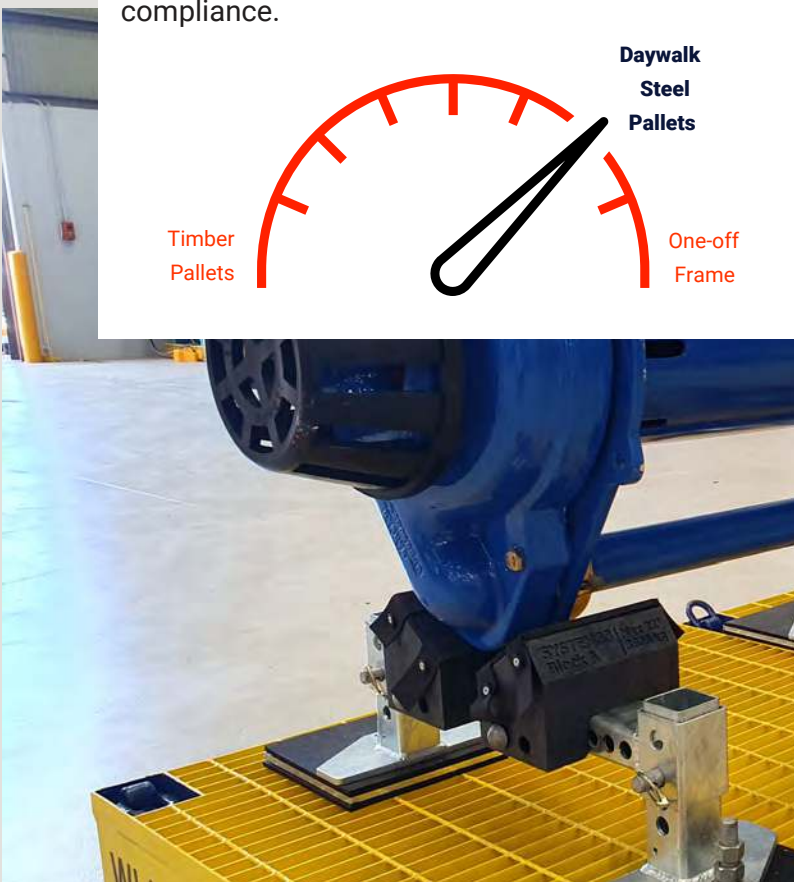
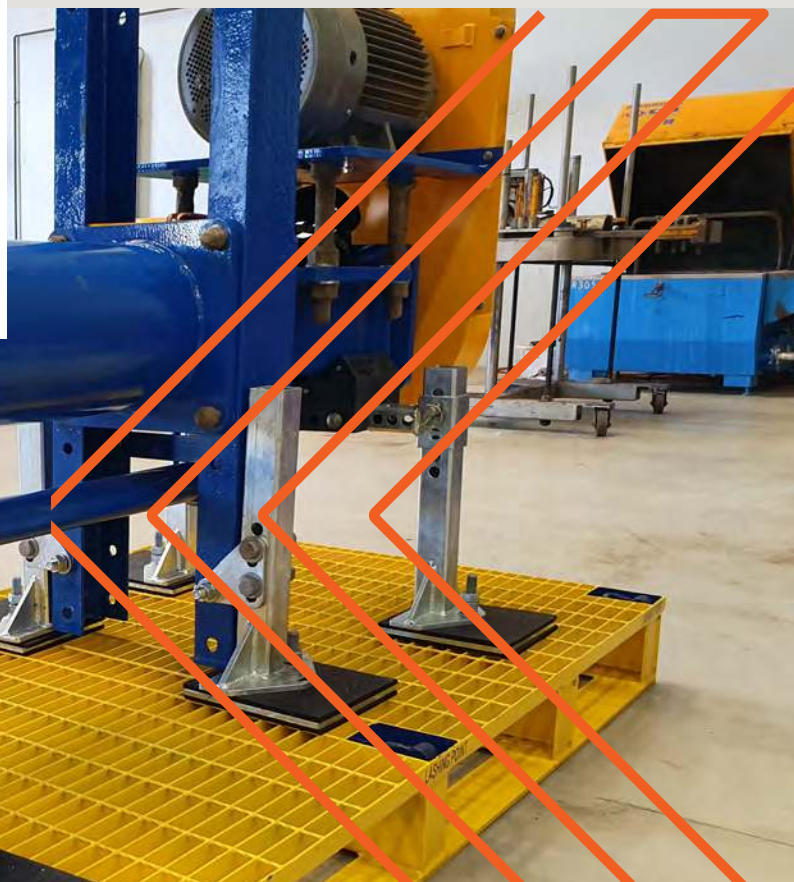
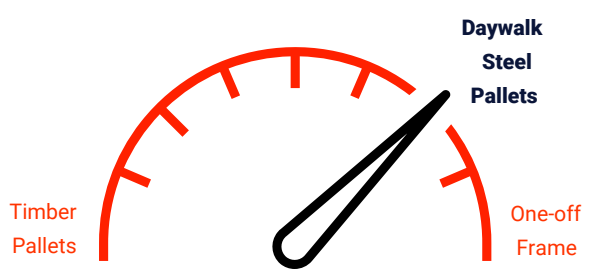
### Industry operators find that:

- **Timber frames can only be one-time rated and can break down easily**
- **Some steel frames can only be used for a specific component**
- **Most solutions are not rated for dynamic loading**
- **None of these solutions are backed up by guides or instructions on how to use them**

## The Spectrum >

In industry, timelines and turnaround are always important. Although timber frames are easily accessible, they aren't always safe for on-road use. Although steel frames offer a better alternative to timber, they take time to design, engineer and fabricate. Hence, industry needed an alternative solution that would meet the demands of turnaround time, flexibility and compliance.

[Click here](#)  
to book a consultation



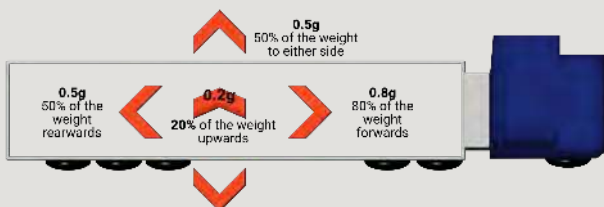
## The DAYWALK approach >

The logistics engineering that is required to keep the load safe during transport is what DAYWALK are specialists in and we use the best digital and physical methods to test our products to make sure they are truly engineered, rated and certified to travel.

DAYWALK's solutions are:

- Engineer rated for transport
- Certified for on-road use
- Designed to be modular and fit multiple pieces of equipment
- Reusable multiple times over
- Off the shelf and readily available
- Include loading and assembly guides for ease of use

Our complete compliance process takes into account a number of aspects including physical and digital testing including FEAs, to ensure that our transport pallets and cages will stand up to the toughest of situations such as emergency braking.



## Achieving compliance >

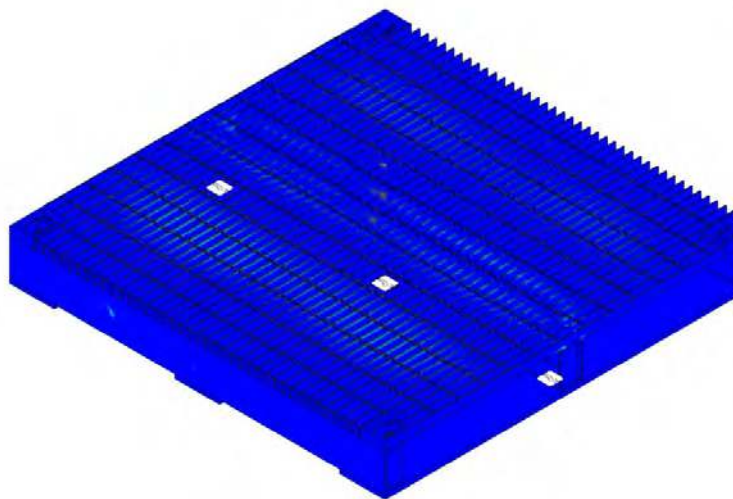
We have certified our systems to not only take the load secured to it, but uphold the same integrity when subjected to the forces in Load Restraint Guide 2018. If a truck driver has to perform emergency braking at 100km/h, the DAYWALK system is designed and certified to meet those forces. Each pallet and solution comes with a certified load guide to ensure you comply with all Australian standards. This is to give you peace of mind that once your equipment is with DAYWALK you can BeAssured of a safe result.



DAYWALK 3.5T transport-rated cage

## What is an FEA?

Otherwise known as a Finite Element Analysis, this digital method is used to predict how a product will react to real-world forces such as vibration, heat, fluid-flow, or emergency braking, and whether it will stand the test of its application.



## What are the legal requirements for Load Restraint?

The relevant legislative act is the Heavy Vehicle National Law (HVNL). Schedule 7 is the part of the HVNL that governs all load restraint matters. Technical aspects are put into schedules such as Schedule 7. It aligns with the performance specifications in the National Transport Commission's (NTC) Load Restraint Guide. So Schedule 7 gives the "g forces" for restraint, while the Load Restraint Guide gives you advice on typical solutions, tables etc.



## Load Guides >

DAYWALK's expertise also shines through in our load and instructions guides that accompany our transport solutions. From instructing how to put our systems together, to assisting with how to add a load and restrain to trucks. This provides further assurance, that the loads will be safe when in transit.



**DESIGN > LOGISTICS**

Within Australia 1300 662 987  
International +61 7 4121 0044  
sales@daywalk.com

**CORPORATE OFFICE**

Level 6, 10 Herb Elliot Ave  
Sydney Olympic Park  
NSW 2127

**QUEENSLAND**

26 Activity Street Maryborough  
QLD 4650

**WESTERN AUSTRALIA**

Suite 106,  
100 Havelock Street  
West Perth  
WA 6005

Warehouses located in Brisbane,  
Perth, Sydney, Darwin, Adelaide  
& Melbourne.



[WWW.DAYWALK.COM](http://WWW.DAYWALK.COM)