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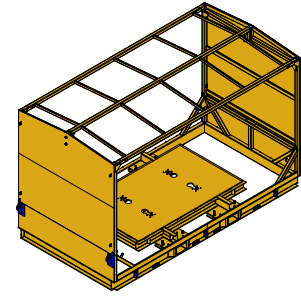
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Operational Considerations:

- **Assess the condition of the pallet and associated equipment (incl. bolts, rubber, pins, vibration dampeners, weather cover, straps etc.) before each use.**
- **Discard equipment with visible signs of damage and replace with an equivalent.**
- **Structural aspects, such as welds, should be inspected visually before each use and by NDT periodically according to the End Users preservation requirements.**
- **Do not use the pallet if structural damage is observed. Consult Daywalk for repair advice.**
- **Bolts used to secure the motor/gearbox to the Transporta are recommended by Daywalk to be single use only.**

This Guide

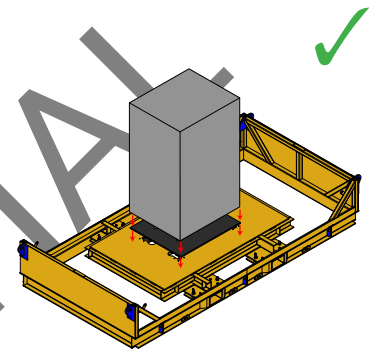
- Covers the Daywalk Transporta pallet (SKU 13-PCTR/4500/2320/8.5T/CLSB) with a single item weighing up to 8,500kg secured to it and transported by road in Australia
- Is a loader and driver guide to the certification E01959-LRC1 which satisfies the loading requirements of the Performance Standard contained in Schedule 7 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation 2021



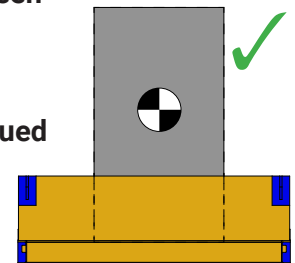
Daywalk Transporta Pallet

Key Elements

- ✓ Equipment must be in good working order
- ⚠ Damaged pallets should be inspected by a competent person to confirm their structural capacity before use
- ✓ Place rubber with minimum coefficient of friction of 0.6 and minimum load capacity of 6.0 N/mm² between the item and the pallet
- ✓ Rubber must have capacity to withstand load without failing (i.e. crushing, tearing or disintegrating etc.)
- ✓ Rubber should be inspected prior to use of the pallet. If noticeable wear and tear is present, rubber should be removed and replaced
- ✗ No low friction surfaces (i.e. steel on steel)
- ✓ Position the item such that the Centre of Gravity [CoG] is located between the tyne pockets and centrally across the width of the pallet
- ✓ Minimum item foot size is 4 off 150 x 150mm
- ✓ Secure the item to the pallet with a minimum of 4 Grade 8.8 bolts, torqued per the requirements specified in Table 1
- ⚠ The maximum load capacity of the pallet is also dependent on the stability of the item - refer to Tables 2 & 3



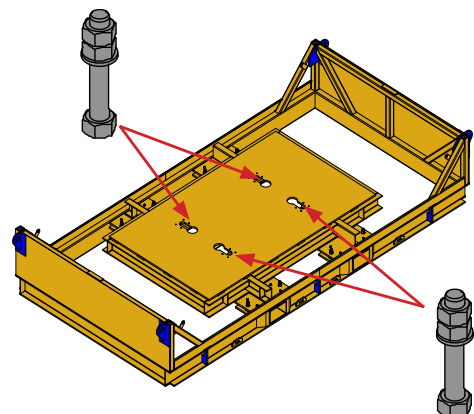
Rubber between item and pallet



Central CoG Position

Table 1: Required Bolt Torque for Items up to 8,500kg

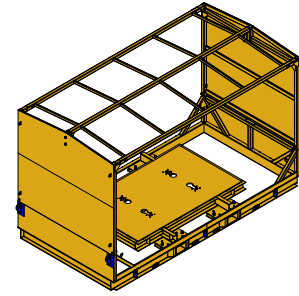
Bolt Diameter	Number of Bolts		
	4	6	8
30mm	180 Nm	120 Nm	90 Nm
36mm	215 Nm	145 Nm	110 Nm
42mm	250 Nm	165 Nm	125 Nm
48mm	285 Nm	190 Nm	145 Nm
56mm	330 Nm	220 Nm	165 Nm
64mm	375 Nm	250 Nm	190 Nm
72mm	425 Nm	285 Nm	215 Nm
80mm	470 Nm	315 Nm	235 Nm



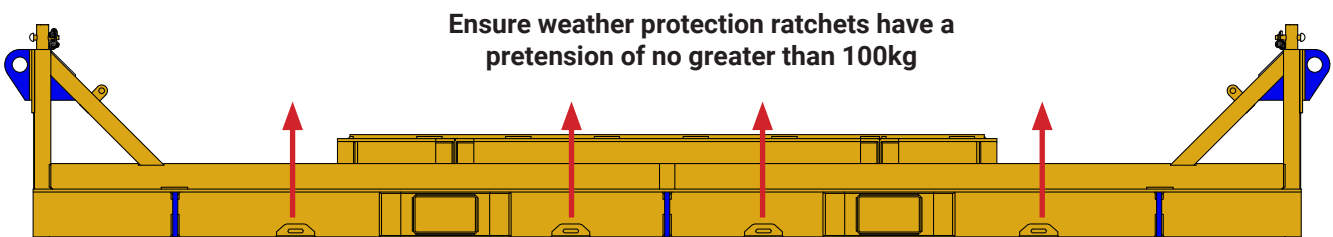
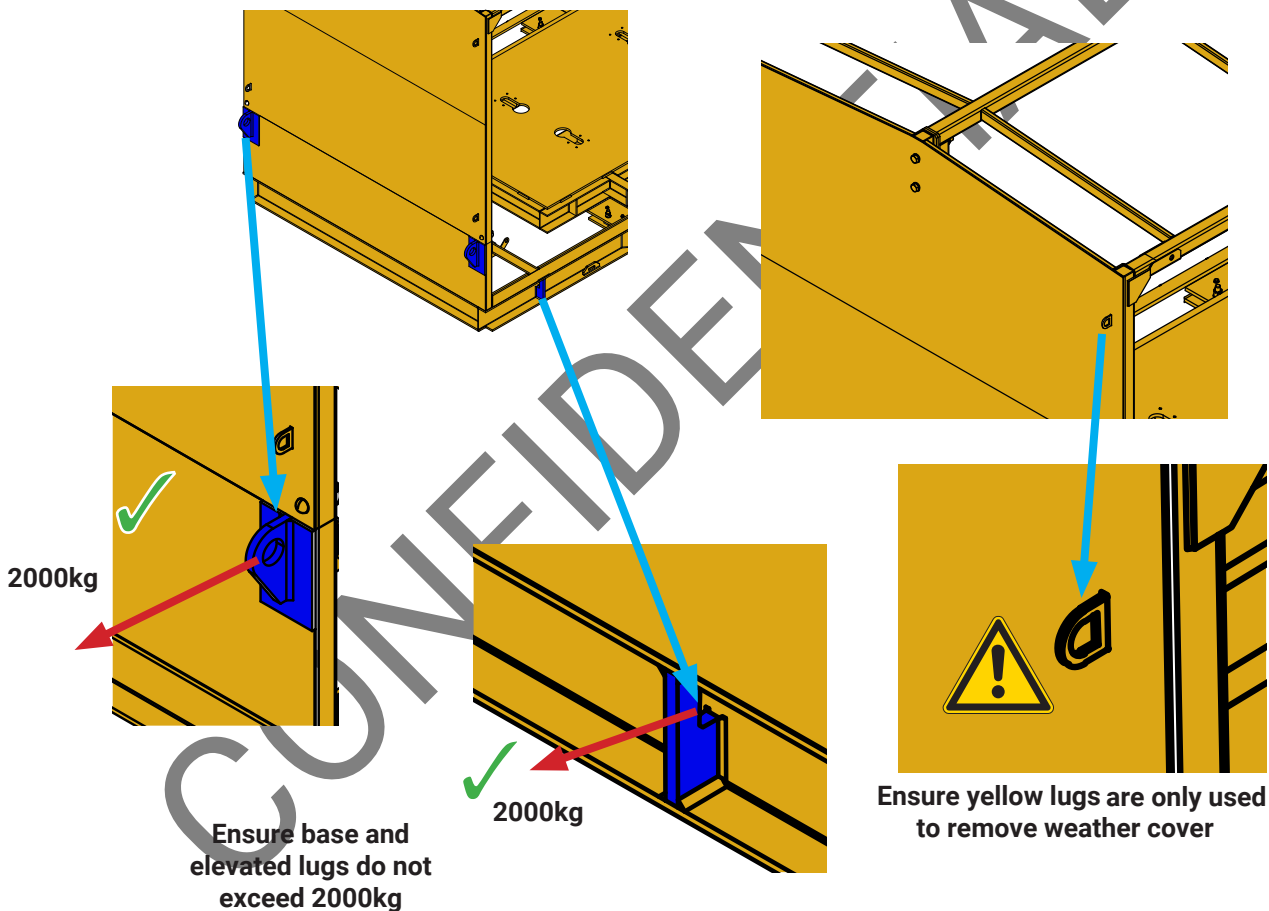
Secure with min. 4 bolts

Key Elements con.

- ✓ Ensure base lugs lashing capacity of 2000kg is not exceeded during transport
- ✓ Ensure elevated lugs lashing capacity of 2000kg is not exceeded during transport
- ⚠ Yellow lugs must only be used to remove weather cover frame and not as general lifting point.
- ✓ Ensure weather cover ratchets do not exceed 100kg of pre-tension per lug
- ⚠ The maximum load capacity of the pallet is also dependent on the stability of the item - refer to Tables 2 & 3

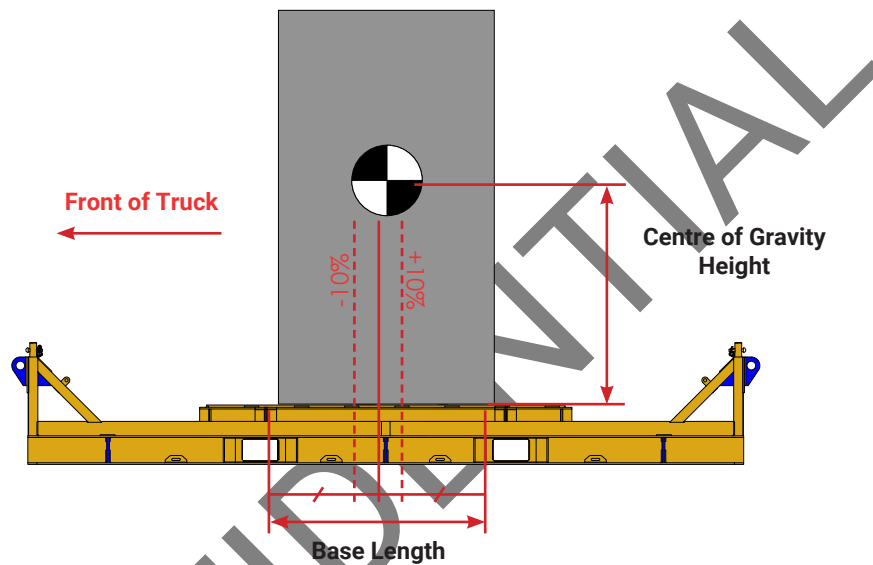


Daywalk
Transporta Pallet



Load Capacity - Load Stability

- ✓ The maximum load capacity of the pallet is also dependent on the stability of the item in the forwards and sideways directions (i.e. the base width, base length and centre of gravity height)
- ✓ Tables 2 and 3 specify the maximum pallet capacity based on load stability in the forwards and sideways directions respectively
- ✓ The pallets capacity is the lesser value obtained from the two tables
- ⚠ Items may topple forwards if they have a narrow base length

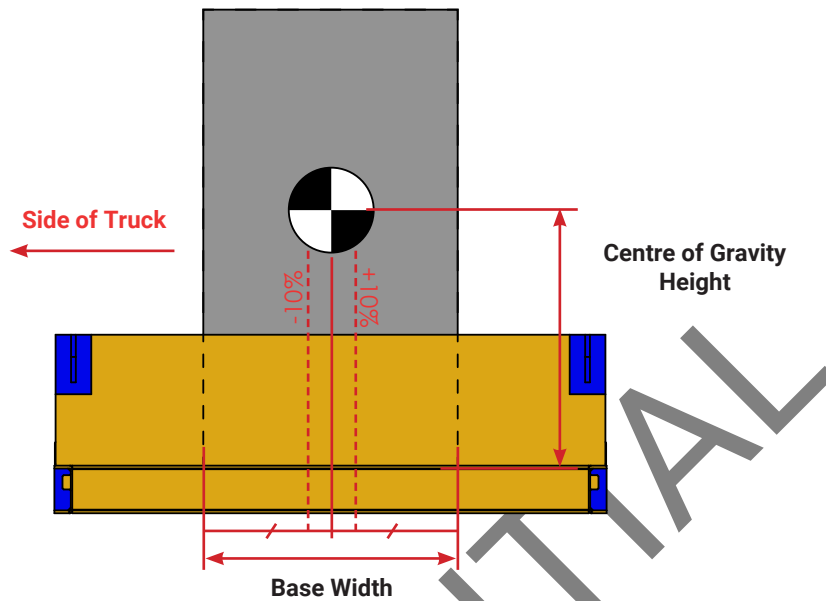


- ✓ The maximum forwards toppling load capacity for items with a centre of gravity within 10% of the base length from the mid point is shown in Table 2

Table 2: CoG Limitations - Forwards Toppling

Base Length	Centre of Gravity Height (mm)				
	0 - 700	701 - 800	801 - 1000	1001 - 1200	1201 - 1400
1400 - 1600mm	8500kg	-	-	-	-
1601 - 1800mm	8500kg	8500kg	-	-	-
1801 - 2000mm	8500kg	8500kg	-	-	-
2001 - 2200mm	8500kg	8500kg	8500kg	-	-
2201 - 2400mm	8500kg	8500kg	8500kg	-	-
2401 - 2500mm	8500kg	8500kg	8500kg	8500kg	-

 Items may topple sideways if they have a narrow base width



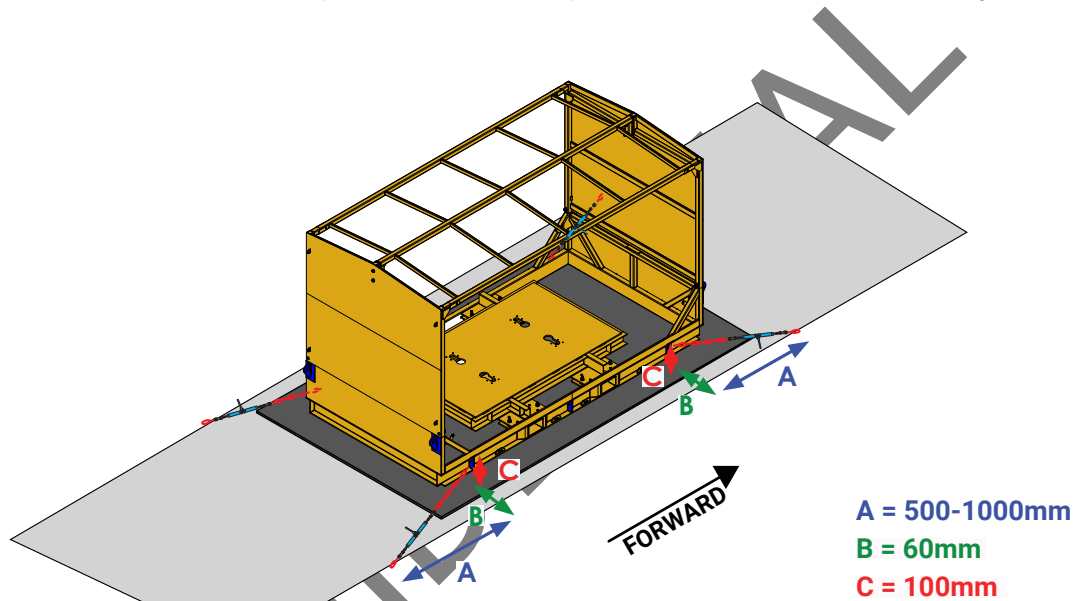
 The maximum sideways toppling load capacity for items with a centre of gravity within 10% of the base width from the mid point is shown in Table 3

Table 3: CoG Limitations - Sideways Toppling

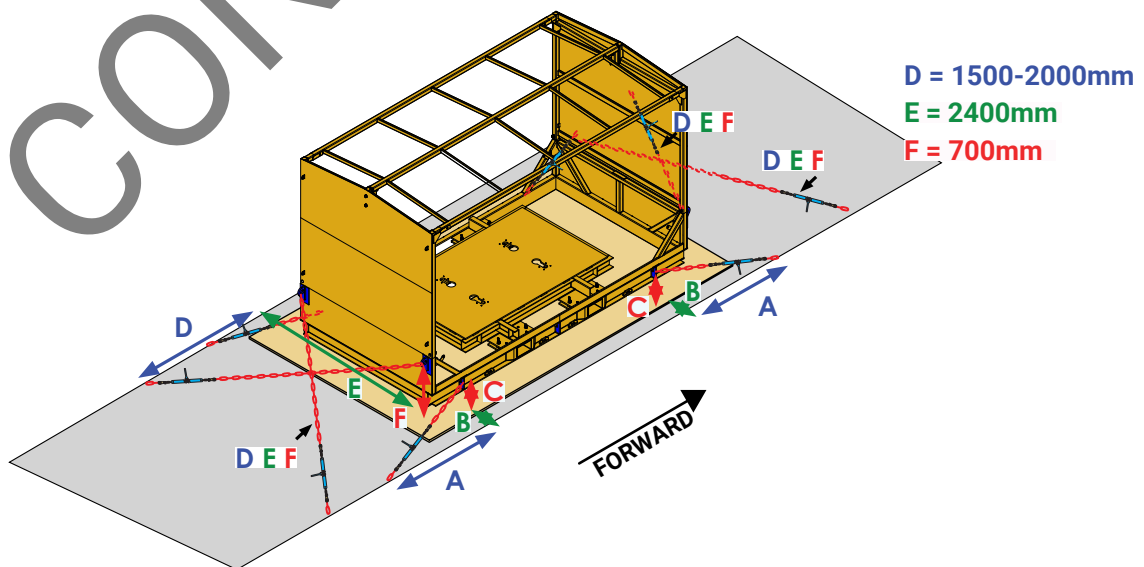
Base Width	Centre of Gravity Height (mm)					
	0 - 600	601 - 700	701 - 800	801 - 1000	1001 - 1200	1201 - 1400
750 - 900mm	8500kg	-	-	-	-	-
901 - 1000mm	8500kg	8500kg	-	-	-	-
1001 - 1100mm	8500kg	8500kg	8500kg	-	-	-
1101 - 1200mm	8500kg	8500kg	8500kg	-	-	-
1201 - 1300mm	8500kg	8500kg	8500kg	-	-	-
1301 - 1400mm	8500kg	8500kg	8500kg	8500kg	-	-
1401 - 1500mm	8500kg	8500kg	8500kg	8500kg	-	-

Load Restraint

- ✓ Place rubber (with min. coefficient of friction of 0.6 and min. load capacity of 6.0 N/mm²) or rough sawn timber (with min. coefficient of friction of 0.4) between the pallet and the deck
- Load the pallet centrally across the truck
- ✓ Secure the pallet to the truck with chains only, in the arrangements shown (chains are to be mirrored on opposing side)
- ✓ Chains must be min. 8mm, compliant to AS4344 and pre-tensioned to 1000kg.f
- ✓ All lashing components must have a minimum Lashing Capacity (LC) of 2000kg.f
- ✓ Maximum allowable total weight (Pallet TARE + Item) is 10,700kg for the restraint systems shown
- ✓ shown



Anti-slip load matting | Steel ($\mu=0.6$)



Industrial rubber / rough sawn plywood | Steel ($\mu=0.4$)