

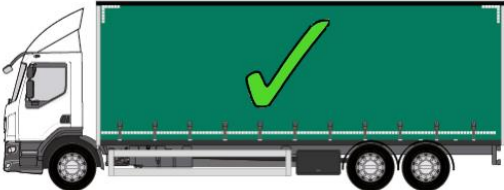


# Steeldeck- Safe Loading Guidence

## Safe Loading Guidance for Dry Hires and Customer Transport

Revision date: 7 August 2023



### Vehicle Types

<p>Steeldeck equipment is best transported using <b>curtain sider vehicles</b>.</p> <p>These can be 3.5t, 7.5t, 12t, 18t, 26t or 40ft articulated lorry.</p>	
<p>It is <i>possible</i> to transport Steeldeck equipment in <b>rigid</b> vans (Long Wheel Base Transits and 3.5t) but this should <u><i>be cleared in advance</i></u> with your Steeldeck Project Manager</p>	
<p><b>Please always use curtain sider vehicles where possible.</b> Each vehicle has its own payload limit so please check your transport is suitable to legally transport the weight it will carry</p>	

### Steeldeck / LiteDeck Platform Stacks

<ul style="list-style-type: none"> <li>• Decks can be stacked to a maximum height of <b>14</b>.</li> <li>• Each stack should carry two ratchet straps per 8' wide stack.</li> <li>• The platforms should be stacked the same way up with the ply top facing upwards.</li> <li>• If smaller decks are included in your order, where possible, they should be stacked on larger deck and strapped for stability.</li> </ul>	
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### Scaffold Stillages and Scaffold Bins

<ul style="list-style-type: none"> <li>• A stillage has a Safe Working Load of 1tonne when stacked 3 stillages high.</li> <li>• Steeldeck Rentals may provide both open stillages and closed scaffold bins for use for your equipment.</li> <li>• All stillages measure approximately 3ft x 3ft (915mm cubed).</li> </ul>	
<p><u>Bracing &amp; Legs Up To 4' Long</u> 4' legs can be put into a stillage full to capacity of approximately 160 legs, as long as the steel legs are in total no longer than 4' then the stillage will not be overloaded.</p>	
<p>Example:</p> <ul style="list-style-type: none"> <li>• 160 x 4' legs</li> <li>• 160 x 3' legs</li> <li>• 320 x 2' legs (2 deep end to end)</li> <li>• 640 x 1' leg (4 deep end to end)</li> </ul>	<p>4' Legs loaded into a stillage</p>

### Bracing & Legs Over 4' Long

Bracing should be loaded in the following quantities per length.

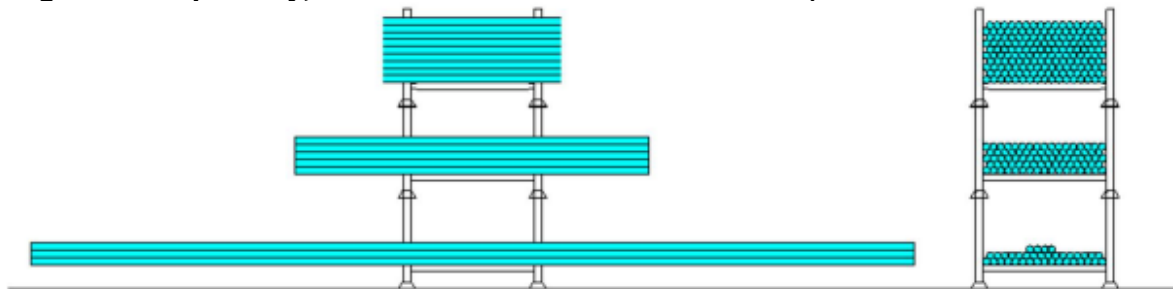
Tube length	Weight per tube (Kg)	Max quantity per stillage
20'	27	37
18'	24.3	41
16'	21.6	46
14'	18.9	52
13'	17.6	56
12'	16.2	61
11'	14.9	67
10'	13.5	74
9'	12.2	81
8'	10.8	92
7'	9.45	105
6'	8.10	123
5'	6.75	148
4'	5.4	185

Don't forget; different lengths of tube can be combined into a stillage so always work out the total weight.

### **Stacking & Strapping Stillages**

In the example below all three stillages have each been loaded with 1 tonne of steel tube to show that a stillage being half full of long tube, doesn't mean it has less weight in it.

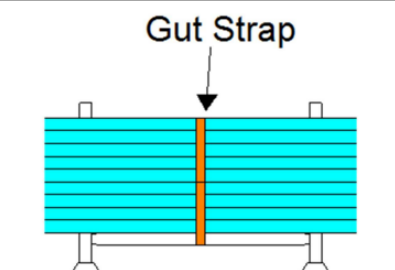
***(Diagram example only, DO NOT LOAD VEHICLE LIKE THIS)***



- Stillages can be stacked to a maximum of 3 high.
- Place the heaviest stillage at the bottom of the stack.

#### Gut Straps

Each stillage needs a dedicated strap to retain its contents often referred to as a Gut Strap. In some cases, 2 or more straps may be required, and these are separate to the straps that will secure the load to the truck bed itself.



### Load Movement Prevention

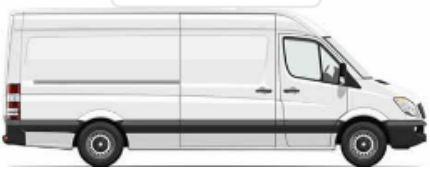

















<p>Each level of stillages should have its own strap to secure it to the bed of the vehicle. In this diagram, strapping is easy as stillages are side by side.</p>	
<p>Where it is not possible to strap each level of the stack of stillages 2 straps should be used side by side.</p>	
<p><b>Scaff Tube must be against a head board or solid object</b> e.g., a stack of guardrails which are themselves against the headboard. This diagram shows the ideal situation only two stacks high and against the headboard of the vehicle.</p>	
<p>In this example, although not very practical it shows two leg boxes acting as a solid object to stop the bottom scaffolding from moving.</p>	
<p>The tube being against a stack of decks which in turn is against the headboard would also be acceptable.</p>	

### Handballing / Manual Handling of Equipment

Your Steeldeck Project Manager should have checked in advance but please confirm if your equipment will be manually unloaded at your event site.



For trucks to be handballed on site, we recommend these minimum staffing levels:

	 x2	 6x high
	 x2 (per 3.5t)	 7x high
	 x6	 10x high
	 x8	 8x high
	 x10	 8x high
		 14x high

A tail lift truck is recommended where there are stillages of scaffolding clips/legs etc and a pallet truck and castors can be added to your order for an additional charge.



## DVSA Guidance

Please visit the below link for full guidance <https://www.gov.uk/guidance/securing-loads-on-hqvs-and-goods-vehicles>

### 6.9 – Metal Loads

Metal loads are at risk of moving due to:

- their size
- their weight
- low friction between the load and load bed

You should use a combination of lashings and physical barriers to movement to make sure that metal loads are secured correctly.

Chains are the preferred method for securing metal loads.

If you use webbing straps to secure the load, you should protect them from sharp edges to avoid the straps getting damaged or broken.

You must secure scrap metal in tipper bodies in the same way as any other load in a tipper body.

You must:

- use a tarpaulin or net if the load sits below the height of the vehicle sides – a tarpaulin provides better containment.
- use a tarpaulin if the load sits above the height of the vehicle sides – it must completely cover the load bed with no gaps to any side.

You must not:

- rely on the load settling below the height of the sides.
- use a net if the load is higher than the vehicle sides.

### 6.13 Scaffolding equipment

Scaffolding equipment will comprise of poles, boards, and ancillary equipment, and is often transported on flatbed vehicles.

Scaffolding equipment should be loaded so that it doesn't move relative to the vehicle under normal driving conditions. Fold-up sides and a rear gate or sail can help to prevent load movement.

The load should be placed in contact with the headboard if possible. If a gap is left, an intermediate bulkhead (which can be constructed from scaffold boards), blocking or dunnage can be used to prevent movement, or lashings can be used over the load. Groups of poles should be 'belly wrapped' and secured to prevent movement during the journey."

Thank you for taking the time to read this document. If you have any queries about transporting our equipment, please don't hesitate to contact your nearest Steeldeck office or email [rentals@steeldeck.co.uk](mailto:rentals@steeldeck.co.uk) where one of our team will be happy to help.



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