



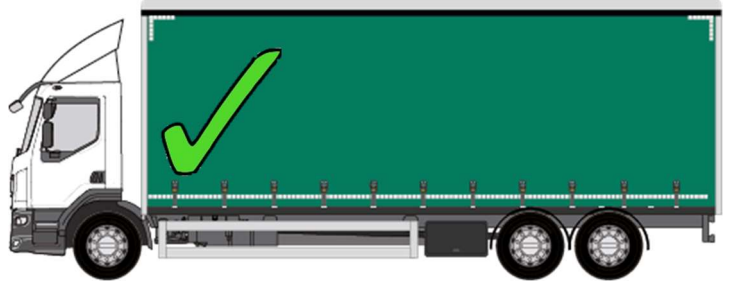
Safe Loading Guidance

V2 2023

Vehicle Types

Steeldeck equipment is best transported using **curtain sider vehicles**.

These can be 3.5t, 7.5t, 12t, 18t, 26t or 45ft articulated lorry.



It is *possible* to transport Steeldeck equipment in **rigid** (Long Wheel Base Transits and 3.5t) but this should *be cleared in advance* with your Steeldeck Project Manager

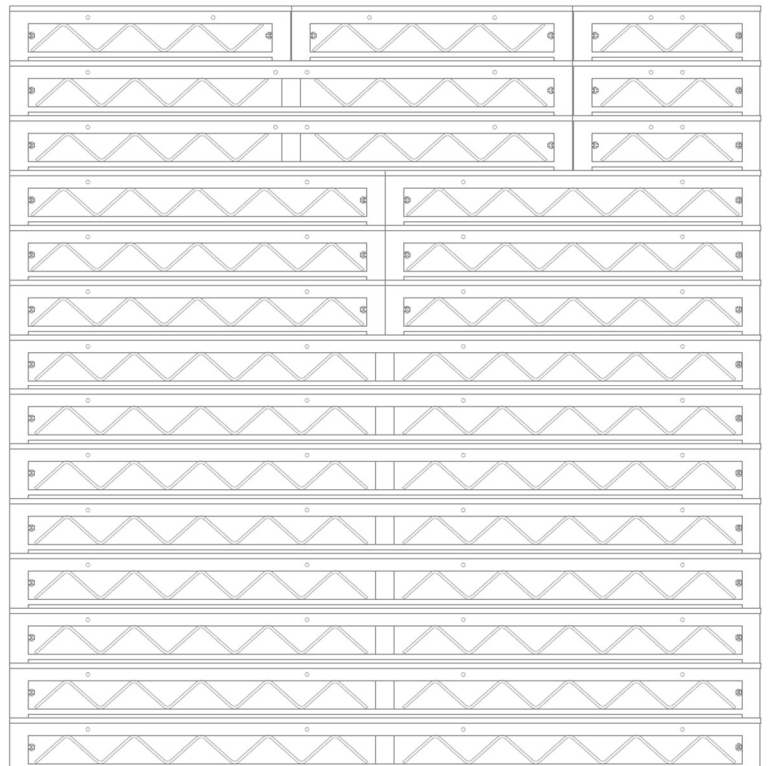


Please always use curtain sider vehicles where possible . Each vehicle has its own payload limit so please check your transport is suitable to legally transport the weight it will carry.



Steeldeck/Litedeck Platform Stacks

- Decks can be stacked to a maximum height of **14**.
- Each stack should carry two ratchet straps per 8' wide stack.
- The platforms should be stacked the same way up with the ply top facing upwards.
- If smaller decks are included in your order, where possible, they should be stacked on larger deck and strapped for stability.



Scaffold Stillages and Scaffold Bins

- A stillage has a Safe Working Load of 1tonne when stacked 3 stillages high.
- Steeldeck Rentals may provide both open stillages and closed scaffold bins for use for your equipment.
- All stillages measure approximately 3ft x 3ft x3ft (915mm cubed).



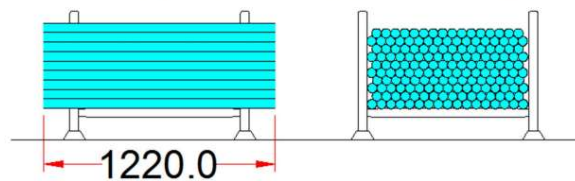
Bracing & Legs Up To 4' Long

A stillage can be loaded with up to 160 of 4' legs before reaching capacity, smaller legs can be loaded as per the below example:



- 160 x 4' Legs
- 160 x 3' legs
- 320 x 2' legs (2 deep end to end)
- 640 x 1' leg (4 deep end to end)

4' Legs loaded into a stillage



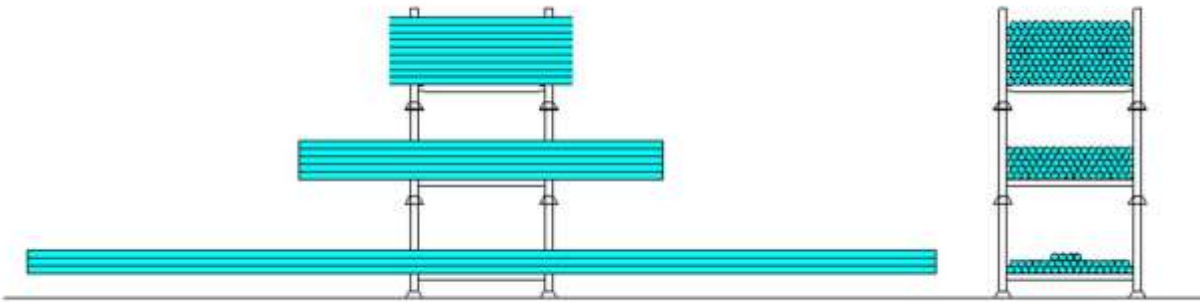
Bracing & Legs Over 4' Long

Bracing should be loaded in the following quantities per length. Don't forget... different lengths of tube can be combined into a stillage so always work out the total weight.

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

Stacking & Strapping Stillages

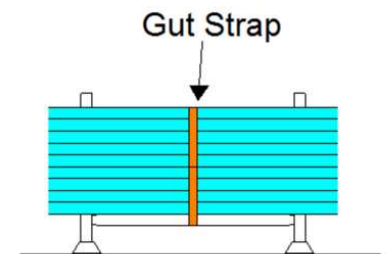
In the example below all three stillages have each been loaded with 1 tonne of steel tube to show that a stillage being half full of long tube, doesn't mean it has less weight in it. *(Diagram example only, DO NOT LOAD VEHICLE LIKE THIS)*



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

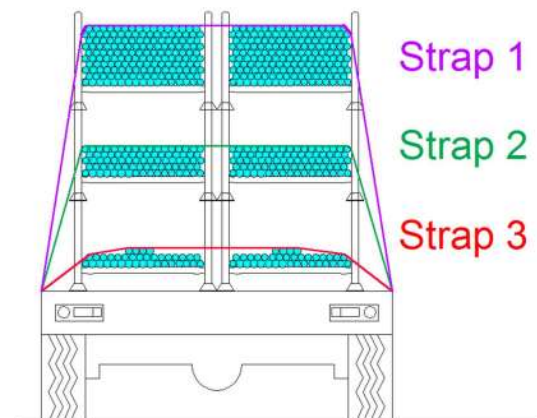
Gut Straps

- 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.

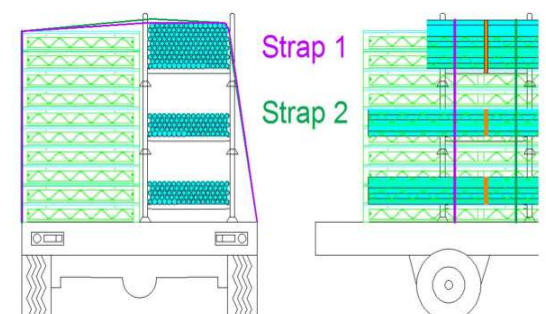


Load Movement Prevention

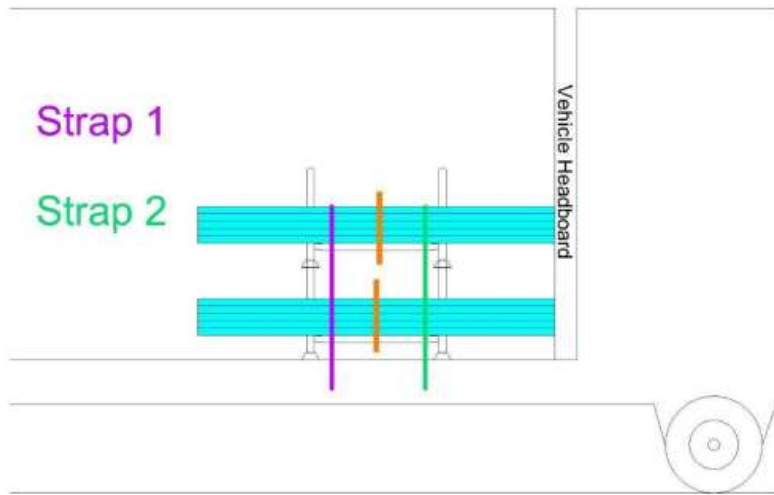
- Each level of stillages should have its own strap to secure it to the bed of the vehicle. In this diagram, strapping is easy as stillages are side by side.



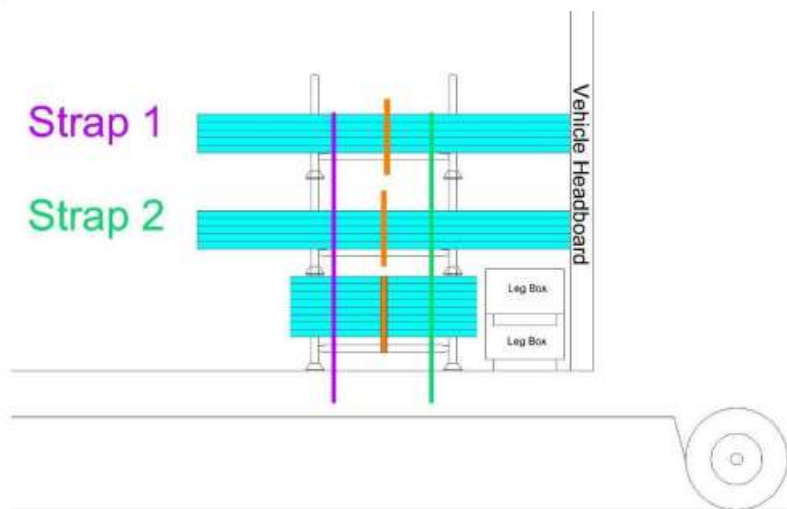
- Where it is not possible to strap each level of the stack of stillages 2 straps should be used side by side.



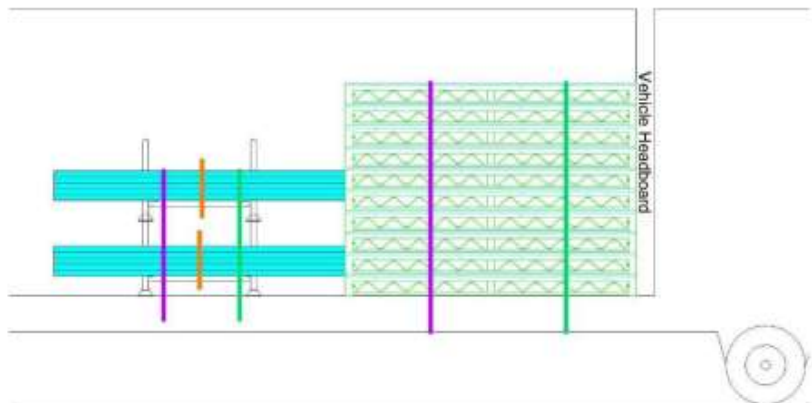
Scaff Tube must be against a head board or solid object e.g., a stack of guardrails which are themselves against the headboard. This diagram shows the ideal situation only two stacks high and against the headboard of the vehicle.



In this example, although not very practical it shows two leg boxes acting as a solid object to stop the bottom scaffold from moving.



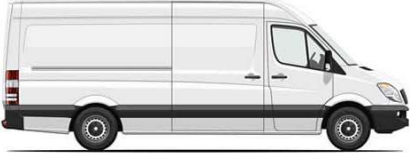















The tube being against a stack of decks which in turn is against the headboard would also be acceptable.



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 staffing levels, but consideration should be given to the total load and the get in route at your destination:

	 x2
	 x2 (per 3.5t)
	 x10  x6 high
	 x8  x10 high
	 x8  x10 high
	  x14 high

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

You may want to also consider adding empty stillages to the load if a tail lift is not available as kit can be cross loaded off the truck into other stillages and/or onto rolling risers.

DVSA Guidance

Please visit the below link for full guidance

<https://www.gov.uk/guidance/securing-loads-on-hgvs-and-goods-vehicles>

Relevant excerpt below:

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 e-mail rentals@steeldeck.co.uk where one of our team will be happy to help.



www.steeldeck.co.uk
rentals@steeldeck.co.uk

LONDON

Unit 58
T Marchant Estate
42 – 72 Verney Rd
London
SE16 3DH

0207 833 2031

MANCHESTER

Unit D
Lyntown Trading Estate
Lynwell Road
Manchester
M30 9QG

0161 505 0891