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## WebRail Heavy Vehicle Fall Protection System Technical Data Sheet

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**SpanSet  
Certified  
Safety**

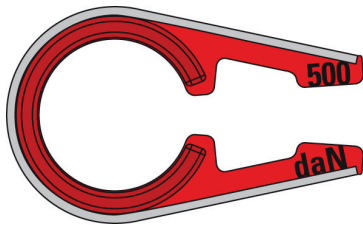
## WebRail Heavy Vehicle Fall Protection System

WebRail by SpanSet is an effective solution to fall protection from the back of heavy vehicles. Featuring our patented Tension Force Indicator and Kevlar® Core webbing, this simple to use system gives significant improvements to current work practices during the loading and unloading/rigging processes.

The Tension Force Indicator (TFI) gives a known and measurable force on the posts and the Kevlar® core inside the webbing minimises stretch and deflection. The whole system can be removed in minutes to facilitate crane and fork access, or can be left in situ if desired. The kit comes with four straps complete with twisted double action safety hooks, and spare parts and replacement straps are readily available. Posts are not included with the kit, however engineering specifications are available by contacting SpanSet.

### Tension Force Indicator (TFI)

The TFI is fitted as standard on this system as added security against unintentional over-tensioning, thereby providing optimum tension for effective fall restraint.



**Tension Force Indicator (TFI)**



### Order Codes

WEBRAIL-KIT-04	Set of 4 x 4m webrail assemblies in kit bag
WEBRAIL-KIT-05	Set of 4 x 5m webrail assemblies in kit bag
WEBRAIL-KIT-06	Set of 4 x 6m webrail assemblies in kit bag
WEBRAIL-KIT-07	Set of 4 x 7m webrail assemblies in kit bag
WEBRAIL-KIT-08	Set of 4 x 8m webrail assemblies in kit bag

Other lengths and replacement straps also available.

### Intermediate posts

- Post can be solid or hollow
- 4140 and C450LO only refers to the grade of steel – refer to your steel supplier for details
- Top of posts require to withstand a minimum lateral/sideways force of 50kg
- Webbing passing points are not mandatory – optional, as long as webbing passes on inside of post
- Secure bottom of post with safety chain
- Post bottom end to be determined by type of deck pocket.

### Rear posts

- 4140 and C450LO only refers to the grade of steel – refer to your steel supplier for details
- Posts are free standing and required to withstand a minimum of 250kg of force from the ratchet assembly
- End post is required to take all force from WebRail ratchet assemblies
- Note: Access safety chain is for safe access and egress only and shall not take any load from WebRail system
- Eye bolt/fitting are a fixture of end post and to accommodate WebRail snap hook. The snap hook gate opening is 21mm
- Secure bottom of post with safety chain
- Post bottom end to be determined by type of deck pocket.

### Head board

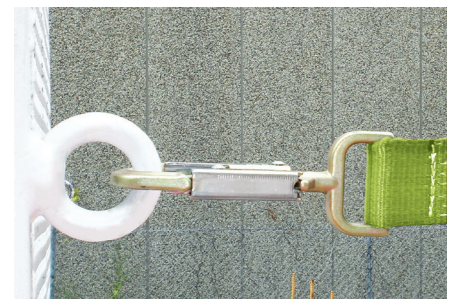
- Eye bolt/fitting and force requirements as per rear post details above.

### Webbing

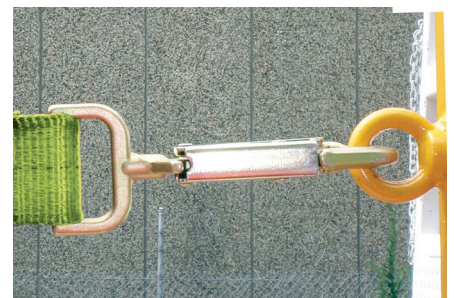
- Webbing elongation  $\leq 1\%$  @ 500kg.



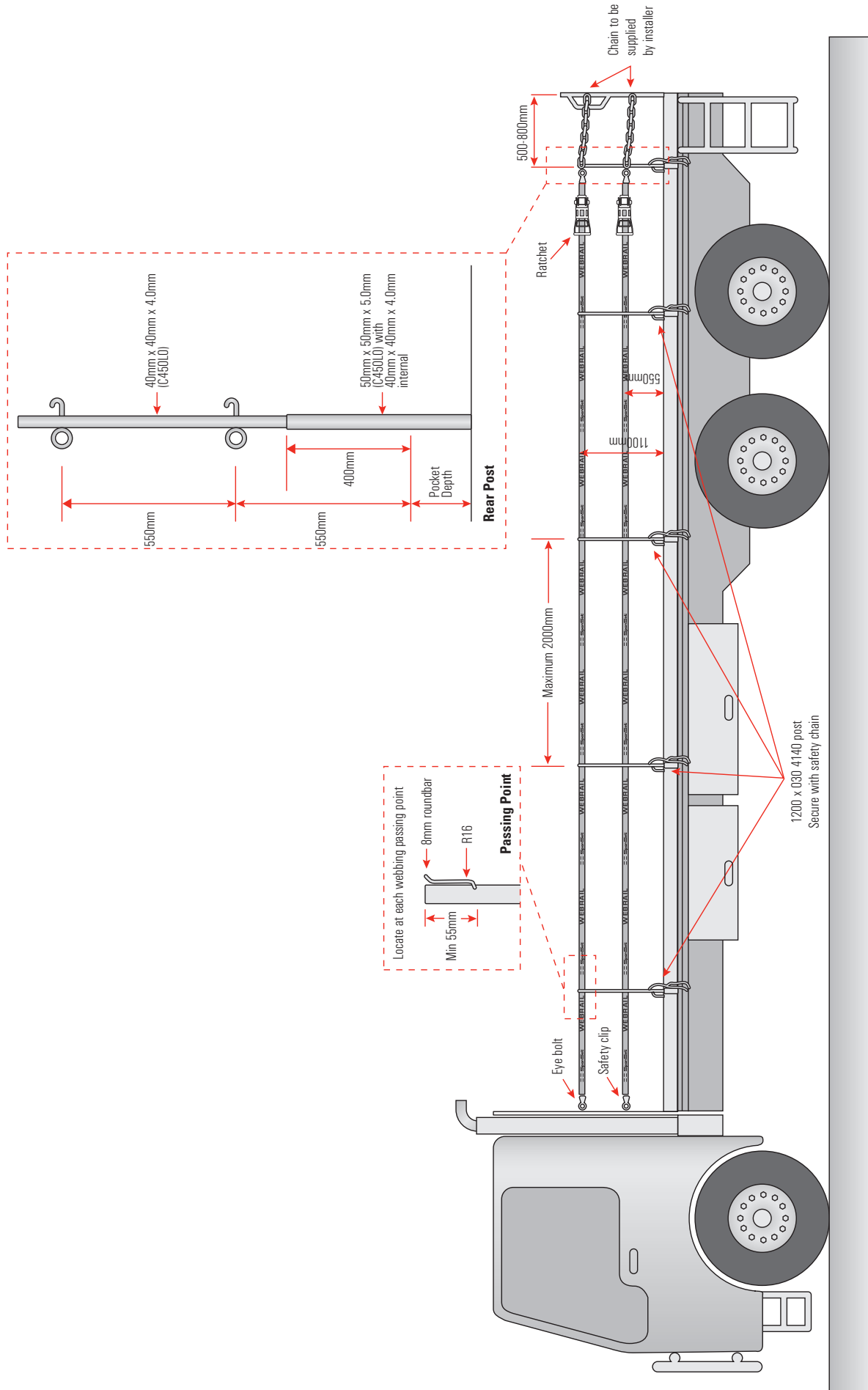
**Kevlar® core webbing**



**Headboard connection**



**End post connection**



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## SpanSet Accreditations

ISO 9001:2015 Certified Quality Management System

ISO 14001:2015 Certified Environment Management System

OHSAS 18001:2007 Certified Occupational Health and Safety Management Systems

Australian/New Zealand Standard 4801:2001 certified Occupational Health and Safety Management Systems

Accredited for compliance with ISO/IEC 17025 - Testing

ASQA Registered Training Organisation certified to ISO 9001:2008

Certified manufacturer to AS/NZS 1891.1 "Industrial Fall Arrest Systems and Devices"

Certified manufacturer to AS/NZS 1353.1 "Flat Synthetic Webbing Slings"

Certified manufacturer to AS/NZS 4497 "Round Slings—Synthetic Fibre"



FS 695309

EMS 695307

OHS 695310

OHS 695306

