

TLC SkyHook MKIV



Quick Facts:

- Fully Mobile 2 Person Anchor Point
- 25m Reach
- 13m radius
- Full Rescue Capability
- 250kg Crane Rated

The SkyHook MKIV (SkyHook) is a truck mounted, mobile anchor point designed and engineered to allow safe working at heights in situations where no other suitable anchor point were practical.

TLC engaged with Worksafe WA early in the construction process to ensure the device would meet or exceed all required standards.

TLC consulted widely with multiple industry suppliers and training providers during the construction of the SkyHook Mark IV to achieve industry first outcomes including accredited training for all operators prior to use.

The SkyHook is a unique truck mounted mobile fall arrest system, the first of its kind to be designed and built.

Designed and manufactured to AS1891 and AS5532, the SkyHook has a reach of 25 m high and 13 m radius. In a scenario where there is no WAH and/or rescue equipment installed on an asset or the available equipment is deemed inappropriate for use, the SkyHook MKIV provides a rated overhead anchor point for 2 persons (272 kg). The SkyHook has two 10 m LinQ Self-Retracting Inertial Reels attached to enable WAH in limited free fall at all times.

In addition to rated WAH anchor points, the SkyHook also provides a rated overhead anchor point suitable for rescue recovery of an injured person. This anchor point can be used with the factory installed Harken Lokhead INLH500 rescue winch built into the SkyHook, or alternately can be used to attach a RescueMaster or similar device. The SkyHook anchor point can be used to both rescue an injured person.

Work area lighting is provided at the attachment point along with cameras providing a live video feed to the operator via a monitor located on the trucks control panel.



TLC believe the SkyHook breaks new ground for innovation in an area where there is potential to prevent a significant number of injuries or deaths. The project has required extensive engineering and problem solving to reach the point of final delivery. A Certificate of SkyHook Conformity (Cert #003-19042017) has been issued by Cascade Forensic Engineering for use. We believe this device sets a new standard for “as low as reasonably practical” (ALARP) in many working at heights situations.

The truck mounted system is suitable for use even on uneven surfaces due to the hydraulic stabilisers that allow the SkyHook MKIV to be appropriately leveled in all situations encountered.

The 25 m height and 13 m radius of the boom enabled the equipment to be operated without positioning the vehicle in close proximity to the asset being inspected.

The additional applications for the SkyHook MKIV are almost endless. Wherever there is a need to work at height and appropriate rated anchor points are not available the SkyHook can be used to offer a safe, effective and practical solution. We see application for this particularly in industries such as roofing and tilt up panel construction where there is a need to work at height in ever changing locations. Additionally the SkyHook can be used following damaging events such as severe storms or cyclones to safely inspect the integrity of a structure without compromising safety.