

The background of the slide is a photograph of a warehouse or industrial facility, showing several forklifts and structural elements. The entire image is overlaid with a semi-transparent red filter. The text is white and positioned in the upper left and center areas.

TSHA

The Consequences of Operating EWPS on Soft Ground, Inclines and Unsupported Surfaces.

Telescopic Handler Association of Australia
www.tsha.com.au v1.0 issue June 2020

The Consequences to the operator and persons in the vicinity of a telehandler overturning or becoming unstable include the operator becoming trapped, life threatening injuries and fatalities.

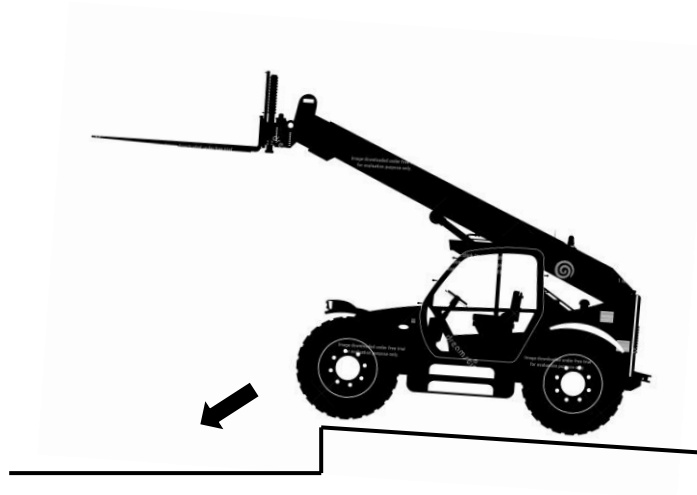
Manufacturers develop **systems in telehandlers to indicate, alarm, limit and/or prevent operation on inclines**. Manufacturers cannot control the site conditions or the transport procedures for the many varieties of telehandlers.

The site conditions and capacity of the support surface to support the wheel loading of the telehandler is an important process required of the controller of the site. This may result in exclusion zones and the requirements for a structural engineer to assess and report on the ability of the surface to support the load on tyres and where applicable, on outriggers.

Each wheel has a wheel loading identification near each wheel. If these are not visible, consult the manufacturer with the model and serial number of the telehandler to obtain its wheel loading. Do NOT make an educated guess, as the load on the wheel/outrigger increases as the boom extends out past that wheel or outrigger tipping line.

Transport procedures and loading onto tilt trays and low loader ramps introduces a new set of risks that needs to be addressed by load restraint and transporting training.

The TSHA and Manufacturers want the persons using telehandlers to go home safe at the end of each working day. The TSHA recommends that you take notice of manufacturers instructions and view this enclosed information, provided from information available in the public domain, as a reference document indicating what can go wrong.



Soft Ground

- Travelling in elevated position and stowed position
- Operating in Elevated position

Inclines

- Operating in Elevated position
- Loading on transport vehicles
- Travelling in elevated position

Unsupported surfaces

- Operating in elevated position
- Travelling in elevated and stowed position
- Loading onto transport vehicles



Fatal Telehandler overturn – Oklahoma

<https://vertikal.net/en/news/story/21041/fatal-telehandler-overturn>



Overturn on worksite- North Wales

Damage to machine and property. Minor injuries.

<https://vertikal.net/en/news/story/23852/telehandler-overturn>



Telehandler fatality – New Zealand
Worker fatally crushed and second worker injured.
<https://vertikal.net/en/news/story/12490/transpower-accident-new-zealand>



Telehandler overturn – Minnesota

Operator sustained head injury and concussion

<https://vertikal.net/en/news/story/26528/telehandler-overturn>