

Lifting Cabin for Heavy Equipment

The Problem

- Construction workers who operate boom trucks often have to maintain static awkward neck postures.
- Neck extension is required to look up at the end of the boom. This posture increases the risk of muscle soreness, joint pain and injuries.



Traditional loader

One Solution

- Use a loader with a modified cabin that tilts, which allows the operator to see the load while maintaining a more neutral neck posture.

How It Works

- A loader with an adjustable cabin can tilt back a range of degrees using controls to improve visibility and reduce neck extension.



Loader with a tilting

Benefits

- Operation of telehandler with tilting cabin reduces the operator's exposure to awkward neck postures.
- Workers have less risk of developing neck discomfort and injury.

For More Information

- Local equipment suppliers or rental/leasing companies may have information on this product. If not ask them to investigate.
- Visit the IHSA website at: https://www.ihsa.ca/topics_hazards/msds.aspx

The information was used as part of a project "Kramer, D., Bigelow, P., Vi, P., Garritano, E., Wells, R. Encouraging construction companies to adopt innovations to reduce MSDs using different knowledge transfer techniques. 2008-2011. Workplace Safety and Insurance Board (Ontario)". In partnership with the Infrastructure Health and Safety Association of Ontario and CRE-MSD.