

# **Crane Lifting Chain Trolley**

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## Why a Crane Lifting Chain Trolley?

- Manual task related injuries are statistically over represented in our business
- Guidelines for storage and use of lifting accessories don't address manual handling risks
- Risk of injury identified by workers on the ground
- No suitable control existed to suit our needs.

**It only takes a second to become permanently disabled.**



## Some background...



*'Improving health and safety in challenging times'*



# The problem...



On the workshop floor

Draped over/inside a skip



## To be effective, the control must:

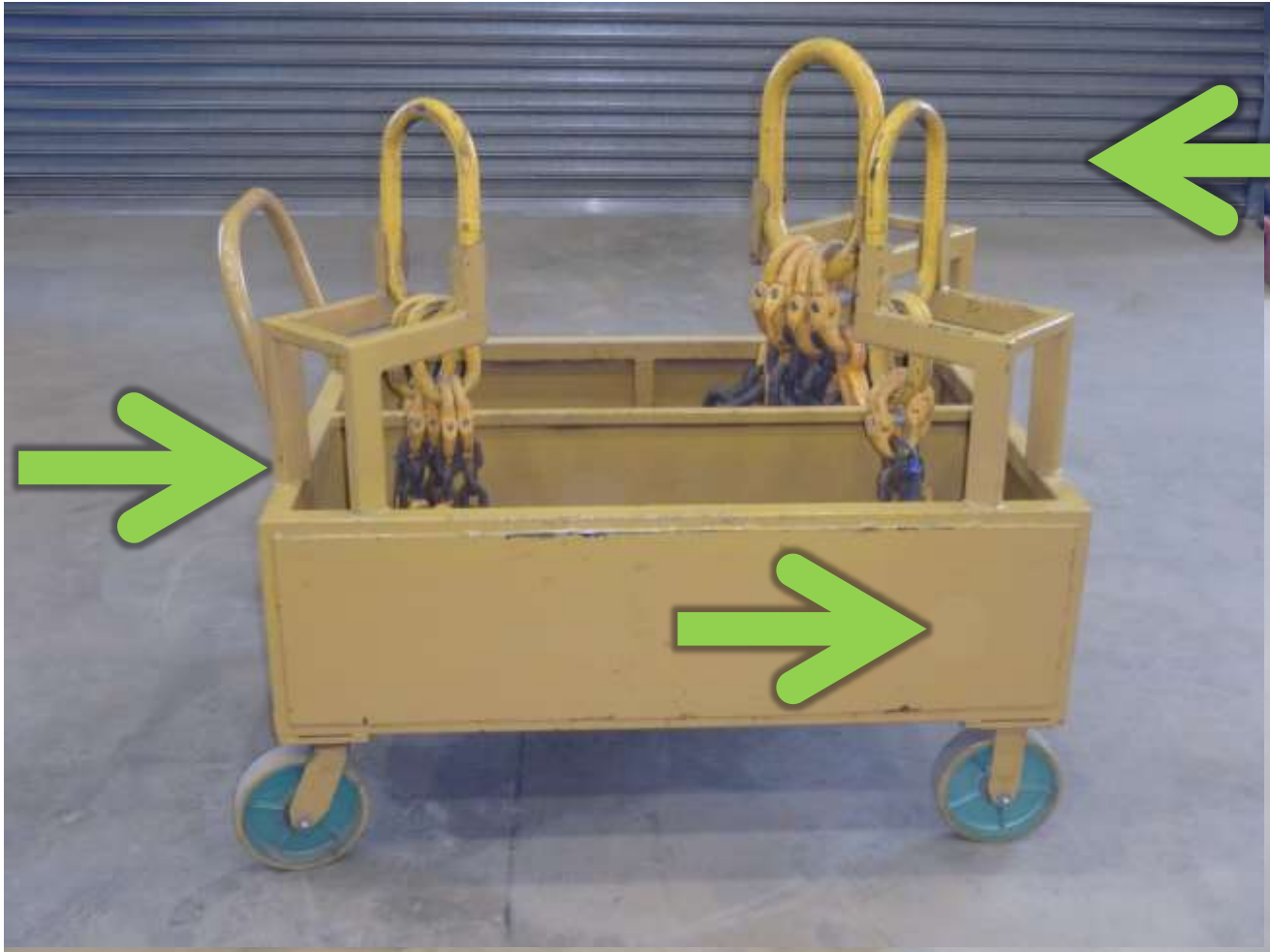
- Significantly reduce the exertion required to carry out the chain change-out task
- Eliminate the awkward postures required of the chain change-out task and keep task movements within normal range

• **Crane Lifting Chain Trolley**  
Be mobile and easily manoeuvred around the workspace as required

- Be easily incorporated into processes without causing any unreasonable disruption or obstacle to normal work flows
- House the chains when not in use in line with industry best-practice standards for lifting accessory storage
- Eliminate double-handing required to transfer the chains to existing storage points after use.



## What exactly is it?



*'Improving health and safety in challenging times'*

## What are the benefits?

- Reduces physical exertion required of task by **~99 percent**
- Eliminates awkward postures and movements
- Increases mobility and maneuverability of chains around workshop
- Improves housekeeping of lifting accessories
- Increases work efficiency and productivity.





# Where to from here?

## **Introduction to operational areas across site**

- Trolley currently in use at two workshops across GFM site
- Innovation and engineering drawings shared with other Mount Isa Mines operating areas.

## **Availability of design drawings**

- Offers mutually cost-effective way to share innovation
- Allows design to be altered to suit specific operating environments and equipment
- Eliminates end-user costs associated with fabrication, labour and freight.





## In summary, our trolley innovation...

- Reduces the physical exertion required of the task by **~99 percent**, as well as improving workplace efficiency and productivity
- Was identified and developed by our people on the ground, to improve the safety of their own work environment
- Has a key role in helping to address the occurrence of manual task related injury for our business.



# Questions?



*'Improving health and safety in challenging times'*