

Company: **Wrightway**

Project: **Center for advanced imaging, UQ St Lucia**

Hydraulic Lifter

What is the initiative?

- The initiative is to minimize the risk of manual handling injuries such as back strains, side strains, muscular, hand & finger or any injuries that may occur due to manually handling Bins, wheel barrows or any other bulky materials associated with waste disposal on a commercial construction site, into large skip bins

What is the tool?

- Wrightway have developed a fully hydraulic lifter that sets up at the side of the skip bin and is able to lift up to 240 kgs at any one time, fully screened for falling objects with no exposure to moving parts,



As you can see the unit is of a solid well built structure with full screening containment to catch any falling objects

It is also highlighted with black & yellow tiger tape for hi visual when near trafficable areas

In comparison to the conventional manually powered lifters that have moving parts, no screening and still expose back & muscular injury risks to operate

What risks have been eliminated or minimized?

- Muscular & spinal Injuries, finger & hand injuries.
- Debris falling onto worker & into workers
- Fingers & clothing being caught in moving parts.
- Foot & leg crush injuries from falling bins & wheel barrows

What was the feedback from the workers using this initiative?

“ I have been a builders Labourer for 20 years and in that time have done a lot of heavy lifting, it is the nature of construction that produces so much waste materials and at the end of the day, it has to go into a bin, just like the invention of rubbish shuts, I reckon that this hydraulic bin lifter is the best thing to happen in construction for a long time, since I have been using it on site here at Cockram, I no longer wake up every morning with a sore back because I don’t have to lift wheelbarrows or wheelie bins to get them emptied, even the boss is happier as we are loading out more rubbish with less man power so no more 2 man lifts!”

John Rolleston , Site Labourer

What was the Site Managers feedback using this initiative?

“ Using the conventional lifter takes a lot of time & it was unreliable, when it breaks down I needed 2 labourers to lift wheelbarrows & wheelie bins into the skip bins so they don’t hurt their backs or crush their legs or fingers, it has certainly helped lift productivity & also let me get the best out of my site labour.”

Roger Clark, Site Manager

The Verdict

Cockram would certainly purchase these lifters to suit our sites that require labour intensive construction Waste disposal , decreasing the risk of injury to the worker while increasing productivity at the same time.

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