

## CASE STUDY

# Redlands College Enhances Safety and Savings with Mechanical Quad Stacker

## The Client

Redlands College, Sydney, Australia

## The Challenge

A safer, more controlled way to store and move boats in the club's newly built rowing shed.

## The Solution

Space Saver Rowing Systems'  
Mechanical Quad Stacker

In its previous shed, Redlands College had relied on an unsteady wheeled wooden staircase to access highly stacked quads, posing a risk to both boats and rowers alike. With the launch of its new facility, the organization was looking for a better way to manage its equipment.

By installing the mechanical stacker, an automated solution for storing many quads on the same footprint, rowers now have a more efficient way to stack their boats. The remote controlled system makes the movement and storage of boats easier, reducing the physical stress and pressure on the athletes. And, because it meets occupational health and safety regulations in both Australia and the U.S., the mechanical quad stacker also lowers insurance claims and costs.

*"I feel so safe now getting our boat out of the rack without standing on steps. It makes rowing so much more enjoyable. We love the quad stacker."*

– Phoebe, year 9 rower



*"With the mechanical quad stacker, we no longer have to make allowances for broken parts... or broken legs."*

– James Harding  
Rowing Master in Charge

The result? Since Redlands College began using the mechanical quad stacker, it has:

- > Saved \$10,000 in coaches' salaries per year through a reduction in the number of supervising coaches required to unload and store boats
- > Eliminated the cost of a boatman to prepare the fleet for usage when the students arrive
- > Reduced repair costs by thousands by ending improper movement of boats
- > Saved \$200,000 in construction cost by enabling the storage of twice the number of boats in the same space
- > Ensured the safety of its best boats, worth upwards of \$70,000, by storing them in the top racks of the machine
- > Increased the number of younger students participating by eliminating OH&S fears, building a larger cache of rowers to win future races