

CASE STUDY: GLASS MANUFACTURING

How a leading Glass Manufacturer delivered a safer and more efficient processing system with Gorbel Work Station Cranes



INDUSTRY

Glass Manufacturing

PROBLEM

Existing handling system was inadequate and unsafe. Operators expressed concern about safety and suitability.

SOLUTION

Introduce Gorbel C5 Class Work Station Bridge Cranes.

OUTCOMES

Lower rates of injury.
Improved worker welfare.
Productivity gains.

“The new cranes installed at our site have had a huge impact on safety and efficiency. By reducing the need for our people to lift heavy product by hand, we have seen a significant reduction in the number of strain and sprain injuries. Throughput has also increased as the cranes give our people the ability to lift heavy product unassisted. A seamless installation process delivered a state-of-the-art finished product.”

Sean O
Plant Manager



Overview

In 2020, our client committed to significant capital investment across three manufacturing plants in Auckland, Wellington, and Christchurch in New Zealand.

Focussing on a range of manual handling concerns, Gorbel Work Station Bridge Crane were introduced - delivering a safer, more efficient and truly ergonomic lifting solution which addressed workplace injury events commonly associated with glass handling.

With an emphasis on operator safety and productivity, Matpack NZ worked closely with the client to specify and install Cranes for their Cutting Tables, Furnaces, KSR and Heat Soak Areas. Calling on significant industry expertise, Matpack ensured seamless integration with highly specialised glass handling equipment and noted “the attitude of the client in both the planning & installations phases was critical to the success of the project”

NON-NEGOTIABLES

Eliminate manual handling, reduce the incidence of workplace injuries ✓

Deliver seamless integration with specialised glass handling equipment ✓

Install efficiently, minimise interruption to regular business operation ✓



THE CLIENT

A large multinational glass manufacturer operating in Australia and New Zealand

PROJECT KPI's

Reduced risk of injury.
Lower rates of product damage.

OTHER CONSIDERATIONS

Potential to expand or relocate Gorbelt Crane systems as required.

THE FUTURE

Low long-term cost of ownership.
Safe and precise lifting leading to lower injury rates, high levels of worker satisfaction and increased productivity.

Following installation in 2020

AN IMMEDIATE REDUCTION IN INJURY RATES, AND CONSIDERABLE INCREASES IN PRODUCTIVITY...

24

New Cranes installed
across three sites

38%

Site wide increase in
Crane coverage



Improved manual
handling practices.
Improved Safety KPI's



GORBEL
A CLASS ABOVE