

# Easi-Load True Dock Container Loader

Easi-Load (Tru-Dock) Container to Building integration  
innovation

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Prepared by  
Innovation Manager

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## Project Description

The objectives of the project were for the exporter to design, install and commission a container loading system at ground level on site over an 18-month period. Providing the exporter with the ability to eliminate the need for daily transport of product to a storage facility and eliminate storage costs of product until a container worth of product was available for export. The container loading system would allow for the container to be loaded across a 48hr period and trucked directly to the location of dispatch for export once full.

This would increase the number of containers and orders that could be dispatched from the exporter, increasing production and the exporters position in the market. It would also see the processing facility reduce/eliminate the reliance on external freezer/cold storage facilities storing product until a full container was ready for export, eliminating ongoing costs associated with the process. Reduced manual handling and maintaining cold chain integrity were also foreseen benefits for the project.

## Project Content

The project involved installing and commissioning a Easi-Load / TRU-DOCK container loading system to the existing facility for ground level loading of refrigerated containers and assess its performance over a 12-month period.

A Mobicon container carrier was purchased to provide increased flexibility of the system, providing the exporter with the ability to store empty containers on site and continue to utilise the Easi-Load / TRU-DOCK system, removing full containers to fill empty containers without the need for an external contracting Hiab truck.

The Easi-Load / TRU-DOCK system eliminated the need to for product to be sent to an external cold storage facility to be held until enough product was available to fill a refrigerated container. The Easi-Load / TRU-DOCK allows for direct loading of container, onsite, providing the exporter the flexibility to load container as their facility or orders demand, only requiring transport once full and delivering directly to the point of export. Over a 12-month period, the exporter saw an increase of 150% of refrigerated containers able to be sent from site and a 200% reduction in product handling.

## Project Outcome

The project saw several outcomes because of the Easi-Load / TRU-DOCK system.

1. Increased security of product with relation to increased temperature control and reduced handling.
2. Reduced labour costs
3. Elimination of storage costs associated with product stored at cold storage facilities
4. Reduced transport costs
5. Increased production capacity
6. Increased versatility of sales
7. Project pay back was under 3 years

## Benefit for Industry

Industry take aways from the project are that if a facility has freezing facilities and/or exports chilled product that required to be shipped in refrigerated shipping containers, the Easi-Load / TRU-DOCK system will prove beneficial.

The flexibility and reduced cost provided by eliminating the need for external storage facility to hold product to fill a shipping container make the Easi-Load / TRU-DOCK system valuable to a meat processor, reducing their reliability on external trucking, storage and container delivery services.

The Easi-Load / TRU-DOCK systems benefits are compounded using a Mobicon container lifter and is recommended that if installed, a Mobicon or a vehicle of its likeness is purchased to ensure full benefit of the system is utilised by the facility.

Any export facility would benefit from assessing the feasibility of a Easi-Load / TRU-DOCK system to be installed to benefit their business if currently sending product off site for storage or container loading. Average storage savings have been calculated at \$5000 per container from several storage facilities. If a facility sends an average of 1 container per month, the Easi-Load / TRU-DOCK system has the potential to save a facility \$60,000 annually (excluding facility operating and container delivery costs).

DRAFT

Easi-Load / TRU-DOCK system



Mobicon container carrier

