

Thank You...

ISG Pit to Ship Solutions™

Intermodal Solutions Group™ - ISG

for taking the time to allow us to introduce the 'ISG DUST FREE PIT TO SHIP SOLUTION'.

Pit to Ship Solutions has designed specialised containers for commodities to transport products from the mine site to the ship's hull. These containers are also used as storage sheds providing a dust free environment.

ISG has a patented lid lifter that is licenced to tippler suppliers. The four different tippler types allow the containers to be rotated either by ships crane, port crane or reach stacker.

A patented lid lifter allows the customers to have the lid lifted inside the ship's hull, in conjunction with a water suppressant, providing a dust free environment giving this process the **Green tick of approval**.

The conventional process cost 60-80 million USD using expensive sheds and dust problems.

The dust free pit to ship solution costs around 10 million dollars depending on the amount of containers required.

So, if you have a commodity that needs to be moved from Pit to Ship, call the experts and they can arrange a visit to a port where this process is currently being operated.



Pit to Ship Solutions™

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The ISG new grain container in operation



Tippler Loading

THE GREEN BULK HANDLING SOLUTION



1.

Containers are loaded at the mine site moving via rail or road



2.

At the port the containers are loaded onto a truck and taken around to the ship for loading.



3.

Containers are picked up via a ship or land based crane using a tippler attached to the crane. Using the ISG patented lid lifter design the lid is lifted off the container inside the ships hull providing a dust free solution.



4.

Patented environmental dust free design container rated at 40 ton payload.



Pit to Ship Solutions™

CURRENT PORTS AND CUSTOMERS USING THE ISG DUST FREE SOLUTION:

Flinders Ports in Adelaide Australia,
OZ Minerals for copper,
Cristal Mining for mineral sands

Port Kembla in Australia
Patrick for copper

Port of Newcastle NSW Australia
Patrick for copper

Pointe Noire in the Congo
Exxaro for iron ore

Maputo in Mozambique
DP world for coal and iron ore

Port of Angamos in Chile
Codelco for copper

Rosario in Argentina
The port of Rosario for soya and grain

Live videos available on the ISG website of the above ports in action with testimonials from blue chip customers!

www.pittoship.com

CONTAINERS



Copper Concentrate Container



Coal & Nickel Concentrate Container



Mineral Sands Container



Iron Ore Container