
Quality of Extra-Large Capacity Folding Containers for Port Terminals

Should a port use foldable containers?

Using primary and secondary data sources the pros and cons of using foldable containers as compared to standard containers are identified, and it is shown that a port can gain cost efficiencies by using foldable containers.

Can foldable containers improve logistics management?

Capacity Improving Logistics Management Using Foldable/Collapsible Containers: A Case Study G 179 G constraints in ports for storing and repositioning empty standard containers are major concerns in the logistics and port industry. As an alternative, foldable containers have been introduced into the market.

How foldable containers affect the cost of shipping?

Furthermore the use of foldable containers can have significant impact on the cost of shipping. Shipping companies can save the additional costs of handling and carrying empty containers when they call at a port and the additional capacity in the ship can be used for extra cargo.

What is a foldable container?

Among these solutions, the foldable container is an alternative which has originated due to the restructuring of the design of the standard container. Different types of foldable containers exist and among them two types of foldable containers, Six in One (SIO) and Fallpac, are at the testing stage in the container market.

Production runs Discussions have taken place with several manufacturing entities in the US and Poland to produce the folding containers, with Staxxon planning small runs of 20ft, ...

The global cost of repositioning containers is huge. According to Drewry Maritime Research (2015), in 2013 and 2014, 24% of all containers handled by port terminals as well as ...

Economic benefits of deploying foldable containers: Reducing bunker and container management costs in multi-port shipping network

In a collaboration with shippers, carriers, terminals and depots, 4FOLD will secure operations through the whole supplychain and work on long-term benefits of the foldable ...

1. The Design of Container Terminals Once they began emerging in the 1960s, container terminals ushered in a new era in port development and terminal design. One of the ...

Abstract - With the tremendous growth of International trade and globalization, Empty Container Management (ECM) is no longer a matter which shipping liners can afford to ...

This paper presents the design of a new 5-tier stacking foldable container with convenient folding and unfolding process and that can be produced economically compared to ...

A five-in-one foldable container design could boost efficiency and transform the carriages of empties, claims Florida-based Compact Container Systems (CCS).

1. The Design of Container Terminals Once they began emerging in the 1960s, container terminals ushered in a new era in port ...

Empty containers clog roads and ship terminals, causing port congestion and leaving little space to unload ships. This then forces many ships to wait offshore, wasting ...

Foldable containers have the potential to enhance the cost efficiency of the logistics industry and improve the problem of space allocation at seaports. Using primary and ...

In a collaboration with shippers, carriers, terminals and depots, 4FOLD will secure operations through the whole supplychain and work on ...

Web: <https://www.kartypamieci.edu.pl>

