

# Using folding containers for communication at 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.

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.

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.

Why are shipping lines hesitant to use foldable containers?

Furthermore, given that port terminals or container depots may not have the right equipment for the folding and unfolding of the containers, shipping lines may be hesitant to adopt the technology and this may lead to other issues such as lower durability and high purchasing costs of foldable containers (Ng, 2012).

The costs and benefits of using foldable containers in these logistic concepts are calculated and compared with the situation in which standard containers are used. It is shown that ...

Staxxon's foldable shipping containers, designed to reduce space and emissions during empty container transport, underwent design improvements based on union worker feedback, ...

What causes "empty running"? 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, ...

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 ignore due to ...

Foldable containers Only about 33% of container ships globally arrive on time at ports. The delays make container management difficult, so congested terminals are common. Limited ...

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 those ...

COLLAPSECON is the next evolution of shipping containers - a fully automated collapsible container that will improve operational efficiencies, deliver economic ...

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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 secondary data ...

Folding and unfolding of such containers take only ten minutes and four folded containers are connected or "bundled" together to form a single unit. These bundled single units are then ...

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 containers. ...

The Future of Shipping: An In-Depth Guide to Folding Shipping Containers The shipping industry is undergoing significant transformations, driven by the need for enhanced operational ...

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