

Three-Phase Cost Analysis of Folding Containers



Overview

Do foldable containers reduce container fleet management costs?

The effect of foldable containers on the costs of container fleet management in liner shipping networks. *Maritime Economics & Logistics*. 2012. Vol. 14. No. 4. P. 455-479. DOI: 10.1057/mel.2012.16. Shintani, K. & Konings, R. & Imai, A. Combinable containers: A container innovation to save container fleet and empty container repositioning costs.

Do foldable containers generate revenue?

However, this does not generate revenue and incurs container management costs (CMCs). Some container carriers may use foldable containers (FLDs), such as four-in-one designs, instead of standard containers (STDs), in order to minimize the costs associated with relocating empty containers.

What are foldable and collapsible containers?

The concepts of foldable and collapsible containers were proposed to save costs in terms of transport, handling and storage .

How can a foldable container reduce the cost of storage?

The satisfaction of such conditions and the eventual adoption of the foldable container by the market would reduce the operation costs by 50% to 60% , the storage space in yard and depot by 80% and CO 2 emissions by 20% [8, 12].

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With the ability to add or remove containers, homeowners have the flexibility to expand or downsize their living quarters as required. Additionally, the use of folding container ...

This could save transport costs, but also transhipment and storage costs. In this paper, we analyse the opportunities for commercial application of foldable containers. For this

...

Transport of empty containers, which arises from the need to reposition containers, is an expensive business. This holds in particular for shipping lines, which are usually responsible ...

This study considers the empty container repositioning problem of shipping companies that use standard and 3-in-1 foldable containers with more advanced designs. A ...

Abstract In order to solve the problem of empty container reposition considered foldable containers, the key factors affecting the use of foldable containers are found out. The ...

The results show that foldable containers have proven to be more effective than standard containers in many situations, and they facilitate a faster recovery from container ...

There is little doubt that the requirement to reposition empty containers is one of the more persistent problems in the container ...

Many Industry port managers and shipping corporations have questioned the practicability and cost effectiveness of the folding container with regards to the production ...

A shipping company can also reposition empty containers from surplus ports to deficit ports. These strategies must be completed while minimizing the total costs for ...

Prefabricated container houses have been widely used in recent decades, particularly at construction sites. To improve their energy efficiency, the thermal deficiencies of ...

Download scientific diagram , The folding process of the Six-In-One container from publication: Foldable Containers to Reduce the Costs of Empty ...

This study seeks to explore the effectiveness of employing foldable containers (FLDs) in liner shipping to reduce relocation and the ...

Foldable containers are considered an effective solution to deal with the endemic imbalance in the repositioning of empty containers. Several foldable containers were ...

ECONOMIC BENEFITS OF DEPLOYING FOLDABLE CONTAINERS: REDUCING BUNKER AND CONTAINER MANAGEMENT COSTS IN A MULTI-PORT SHIPPING ...

Hospital costs of central line-associated bloodstream infections and cost-effectiveness of closed vs. open infusion containers. ...

The costs of folding and unfolding a container (plus the associated costs of inspection and so forth); The additional exploitation costs of a foldable container; Any additional transport ...

This study seeks to explore the effectiveness of employing foldable containers (FLDs) in liner shipping to reduce relocation and the empty containers and bunker costs (BCs) ...

This study considers the empty container repositioning problem of shipping companies that use standard and 3-in-1 foldable containers with more ...

However, much depends on the additional costs that foldable containers cause, that is, the cost of folding and unfolding, additional exploitation costs and any additional transport to places ...

Abstract To explore the economy of standard empty container and foldable empty container mixed use and the effect of foldable empty container on the total cost of empty ...

This study considers the empty container repositioning problem of shipping companies that use standard and 3-in-1 foldable ...

There is little doubt that the requirement to reposition empty containers is one of the more persistent problems in the container transport industry, and is a key factor in cutting ...

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