



Cost-effectiveness analysis of fixed-type folding container pricing





Overview

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) associated with ship operations. Several foldable containers were commercialized without clear breakthrough in the market and most current researches are still limited to small pilot projects. This resolves a minimum-cost multi-commodity network flow problem by optimizing container. We analyze the effects of foldable containers using a newly developed multi-port and multi-period container planning model. The proposed model is a large-scale optimization problem, for which we develop an efficient heuristic algorithm to get near-optimal solutions within a reasonable time. Our. are the total transportation cost whether install fold/unfold equipment or not. The costs and benefits of using foldable.



Cost-effectiveness analysis of fixed-type folding container pricing



Do Foldable Containers Enhance Efficient Empty Container

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 mathematical model is developed to ...

Improving Logistics Management Using Foldable/Collapsible 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 ...



Design and Cost-Effectiveness of 5-Tier Foldable Container

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 previous products.

Foldable Containers: a New Perspective on Reducing Container

In this paper we analyse why previous initiatives for foldable containers failed and discuss the conditions required for successful commercial applications.



ANALYZING THE EFFECTS OF USING BOTH FOLDABLE AND ...

Through intensive computational experiments, we analyze the effect of the imbalance in demand and the decreases in the purchasing cost and the handling cost of foldable containers on the potential economic ...



(PDF) Economic benefits of deploying foldable containers: Reducing

We use the model to minimize total transportation costs, inventory holding, handling, folding and unfolding, container leasing, and installing facilities that accommodate foldable



ECONOMIC BENEFITS OF DEPLOYING FOLDABLE CONTAINERS: ...

FLDs can be folded and bundled four high when repositioned, reducing space by 75%, aiding efficient utilization, and lowering the handling burden at ports, meaning they may be more cost-effective than STDs, especially ...



An Empty Container Reposition Study with



Foldable Containers

key factors for the sustainable and steady development of international trade. Empty container reposition not only wastes a lot of container resources, but also causes the increase of container transportation cost of ...

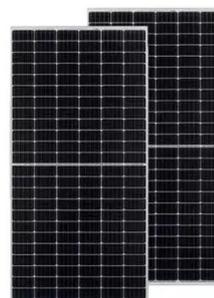


Foldable Containers to Reduce the Costs of Empty Transport? A Cost

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 the use of foldable containers can lead ...

Design and Cost-Effectiveness of 5-Tier Foldable Container

The presented foldable container passed the tests for international certifications ISO 1496-1 and CSC required for its application on site. Differently from the 4:1 folding ratio adopted by most previous ...





Contact Us

For catalog requests, pricing, or partnerships, please visit:

<https://www.firmaskrzypek.pl>

Phone: +48 22 426 71 90

Email: info@firmaskrzypek.pl

Scan the QR code to access our WhatsApp.

