

Comparison of foldable container grid-connected models used in the catering industry





Overview

River-sea intermodal transport is becoming increasingly popular for container repositioning in hinterland areas, owing to its cost-efficiency and low energy consumption. However, bridge heights and water.

Why do we use a foldable container model?

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

What is a folded container?

The foldable container is leased in a folded state. Foldable containers received from customers are shipped to another port in a folded state. Four empty foldable containers are folded in the size of one standard container.

Are foldable containers a good option for shipping companies?

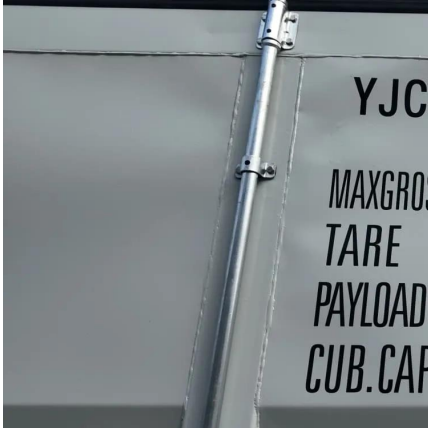
In addition, foldable containers, introduced as a new alternative, can reduce costs related to transportation, inventory holding and handling via the folding and unfolding processes. However, high processing time and production cost of foldable containers have made shipping companies hesitant to adopt these units.

How to deploy foldable containers more efficiently?

Therefore, to deploy foldable containers more efficiently, the shipping industry requires a systematic algorithm for the simultaneous repositioning of empty standard containers currently in use and the new foldable containers. Many of the previous studies on repositioning focused on the empty container management.



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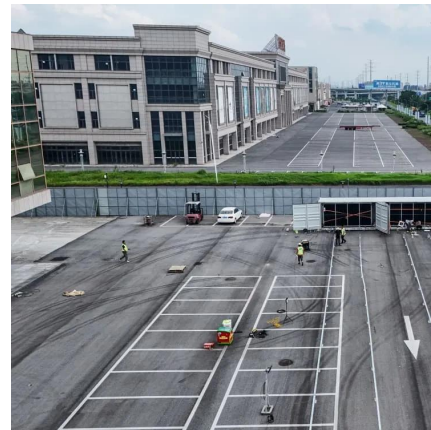
We analyze the effects of foldable containers using a newly developed multi-port and multi-period container planning model. The proposed model is a large-scale optimization ...

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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 ...

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Empty container repositioning with foldable containers in a ...

In this study, we investigate the potential of foldable containers to improve empty container repositioning in river-sea intermodal transport, with consideration of bridge height ...

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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) ...

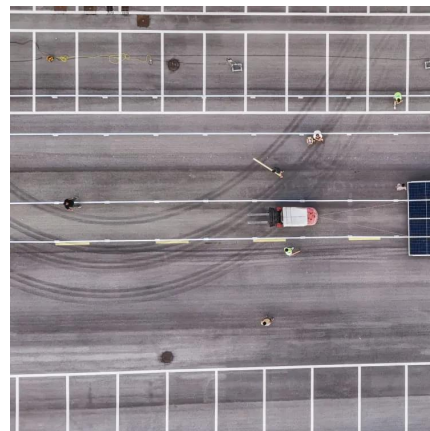
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Foldable and standard containers in empty container repositioning

Strategies to reposition empty containers are an unabated issue for shipping companies. This study compares the repositioning costs of foldable containers to those of ...

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Repositioning of empty containers using both standard and foldable

To address these issues, we have developed a mathematical model for repositioning both standard and foldable empty containers. We use the model to minimize total ...

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Foldable and Standard Containers In Empty Container Repositioning ...

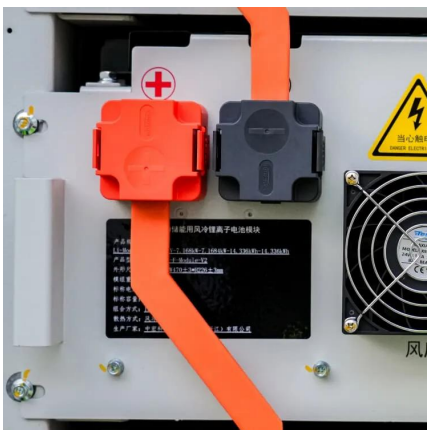
This study compares the repositioning costs of foldable containers to those of standard containers. Mathematical models are used to minimize the total relevant cost, which includes ...

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An Empty Container Reposition Study with Foldable ...

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 ...

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