



IMK CONTAINERS

Kabul Folding Container High-Efficiency Price Reduction





Overview

Does folding/unfolding cost affect the utilization of foldable containers?

In this case, the utilization of foldable containers decreases as folding and unfolding costs increase. Therefore, it is clear that decisions about foldable containers are influenced by folding/unfolding costs, which may affect the adoption and active utilization of foldable containers.

Do foldable containers reduce repositioning costs?

In our ECR problem, the shipping company considers both transporting loaded containers and repositioning of empty containers over a planning horizon. Because empty repositioning incurs costs and consumes vessel capacity, foldable containers are used to reduce repositioning costs.

Are foldable containers a good investment?

Despite high purchase costs and the additional folding and unfolding costs of foldable containers, foldable containers have advantages in the reduction of repositioning costs and saving in terms of storage space and vessel capacity.

What is the unit holding cost of a foldable container?

We let $HiS=0.2$, $HiF=0.1$, $PiS=2$, $PiF=4$, $FCi=0.1$, and $UCi=0.1$ for all five ports. The unit holding cost of foldable containers is the half of that of standard containers, because foldable containers are stored with folded state.



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World first ISO certified five-in-one shipping container set to improve the transportation and logistics industries' efficiency and sustainability.

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Foldable boxes

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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) associated with ship

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Robust empty container repositioning considering



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foldable containers

There are many efforts to reduce the cost of repositioning empty containers, one of which is a foldable container. Foldable containers can be transported in a package such that a ...

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[\(PDF\) Economic benefits of deploying foldable containers:...](#)

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' container could transform global box logistics](#)

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

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