

Cost of 100kW Foldable Containers in European Ports



Overview

Can foldable containers be used in maritime transportation?

Computational results show that the proposed formulation performs well in terms of operating costs and there exists a significant cost-saving effect when foldable containers are used in maritime transportation. Previous article in issue Next article in issue Keywords OR in maritime industry Empty container repositioning Foldable container.

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.

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.

Which countries handle more loaded containers than empty containers?

All countries reported more loaded containers than empty containers. The shares of empty containers handled was the least in Italy and Malta (1.2% and 7.8% of the containers handled in the main ports of the country, respectively) and the most in Lithuania (42.1%) (Figure 13).

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Foldable shipping container cuts costs and emissions

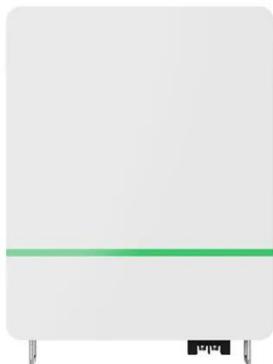
Compact Container Systems (CCS) has launched the world's first foldable shipping container. The American company has developed the SeaFold HC 40', the world's first five-in ...

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Zbox Blue Logistics project

As a result, about 25% of the 180 million containers transported on sea are empty, representing a high repositioning cost of EUR 25 billion a year for shipping lines. If foldable, several shipping ...

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Robust empty container repositioning considering foldable containers

Because of the extreme imbalance in intercontinental trade, the repositioning



of empty containers creates a significant problem for shipping companies. There are many efforts ...

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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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