
Cost of using collapsible containers in a network at ports

How foldable containers affect the cost of shipping?

Furthermore the use of foldable containers can have significant impact on the cost of shipping. Shipping companies can save the additional costs of handling and carrying empty containers when they call at a port and the additional capacity in the ship can be used for extra cargo.

Should a port use foldable 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 using foldable containers.

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 Empty containers affect port capacity & capital costs?

Implications of Empty Standard Containers and Foldable Containers on Port Capacity and Capital Costs Statistics on container cargo movements suggest that the PoM will continue to experience favourable trade figures. Nevertheless, of the total containers handled at the port, a considerable number of containers are empty.

Foldable containers have the potential to enhance the cost efficiency of the logistics industry and improve the problem of space allocation at seaports. Using primary and ...

This resolves a minimum-cost multi-commodity network flow problem by optimizing container fleet size and empty container relocation in a multi-port shipping service network.

Abstract - With the tremendous growth of International trade and globalization, Empty Container Management (ECM) is no longer a matter which shipping liners can afford to ...

When the rate of production goes up, the cost of collapsible containers will come down. Using collapsible containers to save the billions spent in global repositioning is a win ...

This resolves a minimum-cost multi-commodity network flow problem by optimizing container fleet size and empty container relocation ...

Collapsible containers are typically two to three times the cost of a standard container. The question is whether the use of a collapsible container can reduce costs to such ...

When the rate of production goes up, the cost of collapsible containers will come down. Using collapsible containers to save the ...

9 : 1. the price paid or required for acquiring, producing, or maintaining something, usually measured in money, time, or energy; expense or....

This resolves a minimum-cost multi-commodity network flow problem by optimizing container fleet size and empty container relocation in a multi-port shipping service network. ...

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 ...

Are shipping containers outdated? The intermodal shipping container is 70 years old. Over the years it has been refined but ...

However, most cost saving studies about foldable/collapsible containers focus on the scheduling of movements/repositioning of empty containers from upper echelons of multiple ports network.

Are shipping containers outdated? The intermodal shipping container is 70 years old. Over the years it has been refined but ownership costs have increased. For example, this ...

Unlike traditional containers, collapsible containers can be folded and stored compactly when not in use, significantly reducing empty transport and associated costs. In this ...

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