
Ultra-high efficiency of folding containers for oil platforms

What are the benefits of a foldable container?

Using the newly developed foldable container can not only significantly reduce logistics costs, but also bring positive environmental impacts such as reducing greenhouse gas that may have arisen from transporting bulky empty containers. Also the foldable container influences social aspects such as noise pollution, local development and employment.

Are foldable containers economically viable?

In order to examine the economic viability of the developed foldable container as compared to a standard 40-ft high-cube container, cost analysis is performed for an example route, i.e., the Busan-Vostochny-Moscow route (Fig. 10), which involves both inland and maritime transportation.

Could a five-in-one foldable container design boost efficiency?

A five-in-one foldable container design certified by the International Geneva-based International Standard Organization (ISO) could boost efficiency and transform the carriages of empties, claims Florida-based Compact Container Systems (CCS). The SeaFold container opened out and stacked Credit: Compact Container Systems

How can a foldable container reduce the cost of storage?

The satisfaction of such conditions and the eventual adoption of the foldable container by the market would reduce the operation costs by 50% to 60%, the storage space in yard and depot by 80% and CO₂ emissions by 20% [8,12].

Reliable oil storage and lubricant transfer containers designed for safety, durability, and clean handling. Ideal for workshops, factories, and fleets.

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 ...

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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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The oil industry is undeniably one of the main drivers of the global economy. The use of maritime containers has improved operational efficiency and profitability in the oil industry, ...

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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Navlandis, a technology start-up supported by EIT InnoEnergy, has developed a new generation of foldable shipping containers to reduce environmental and economic ...

These platforms each play a unique role in the offshore industry, enabling oil, gas, and renewable energy production in a wide range of water depths and environments. As offshore technology ...

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