
Cost of a single-phase folding container used at the drilling site

How much does a foldable container cost?

For the sensitivity analysis, the purchasing price of a foldable container is assumed to be twice as much as that of a standard container. Four foldable containers take up as much space as a standard container when folded and packed together. The folding and unfolding costs are the same; they are assumed to be approximately 50USD per handling.

Will foldable containers be less expensive in the future?

Currently, foldable containers with lower production costs have been designed in several studies. Moreover, when foldable containers can be produced on a large scale, their purchasing cost can fall. It is expected that foldable containers will be less expensive in the future. Third, an experiment has been conducted on the transportation cost.

Are foldable containers economically feasible?

Heuristic algorithms are proposed to solve the mathematical models. Numerical experiments are carried out in several scenarios to demonstrate the economic feasibility of foldable containers. The sensitivity analysis shows that the purchasing cost and the transportation cost affect the use of foldable containers.

Do foldable containers improve cost performance?

From Table 5, it is evident that if the purchasing price of foldable containers decreases, the cost performance of foldable containers improves compared to standard containers. When the purchasing price decreases by 25% or more, using foldable containers becomes cheaper.

Quick Guide to Use this Calculator Select your preferred currency. Enter the cost for each parameter such as Depth, Location, Method, Equipment, Labor, Material, and Other ...

Your folding site office unit can be assembled in just 10 minutes, saving you 40-50% on labor and time costs with its rapid assembly. But the core question remains: while it's fast, ...

For this purpose a cost-benefit analysis is adopted in which four logistic concepts to use foldable containers are presented as a framework for analysis. The costs and benefits ...

The superpower of the flat pack is shipping density. This is the number that your logistics manager dreams about: we securely load 6-8 units into a single 40HQ shipping ...

The price of shipping containers is influenced by factors like size, condition, and location ? Discover detailed pricing for various container types, including 20ft, 40ft, and more.

Foldable containers are considered an effective solution to deal with the endemic imbalance in the repositioning of empty containers. Several foldable containers were ...

This study analyzes the distribution of operating costs along the value chain of an open-pit copper mine with a focus on key operational units or operations such as drilling, ...

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

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

