



中国外运 SINOTRANS

Sinotrans

Sinotrans is the largest logistics company in China. Sinotrans provides efficient road and rail transport services across China. Combined with air freight and ocean freight services, Sinotrans provides multimodal transport solutions and door-to-door services to their customers at home and abroad.

Sinotrans helps its customers move their goods by rail from China to neighboring countries and Europe either in conventional wagons or in standard containers. Their long-standing partnership with rail transport authorities and forwarders in these countries enables them to provide their service efficiently, reliably and cost-effectively.



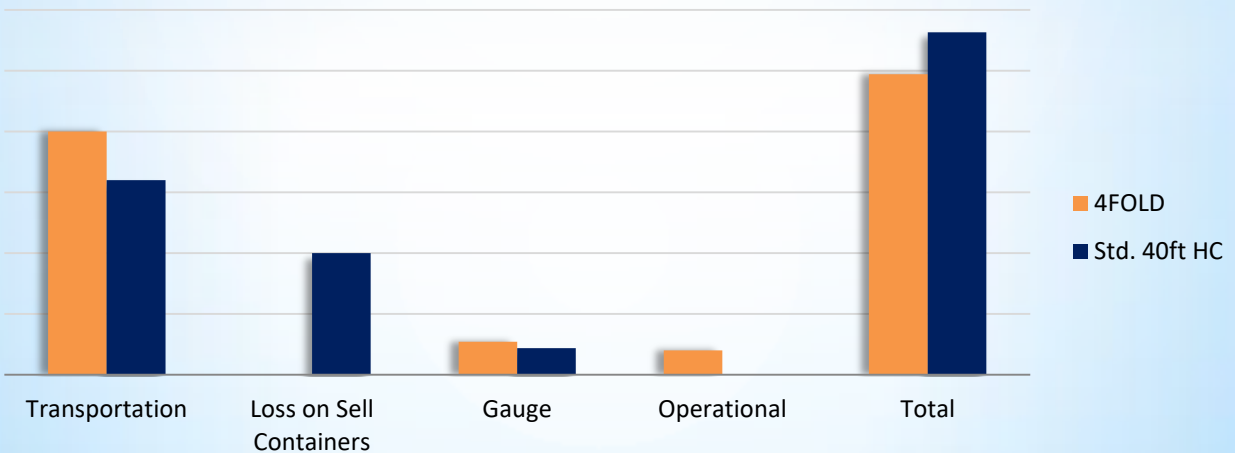
Sinotrans operates 4FOLD between Kazakhstan and China

Sinotrans' advantages with 4FOLD:

- Repositioning
- Storage
- Handling
- Gauge change

12% Saving with 4FOLD

Cost



Co-funded by the European Union's Horizon 2020 research and innovation programme under grant agreement No. 711257





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China-Kazakhstan

Problem/Situation:

Sinotrans faces an imbalance between Kazakhstan and China. In Kazakhstan export cargo mainly consists of oil/gas products. As a result, containers that arrive in Kazakhstan need to return back empty. Transportation costs in Kazakhstan are very high.

Nowadays transporters sell the containers at the destination, as it is too expensive to return the empty containers. The difference between the purchase price in China and the selling price in Kazakhstan is included in the freight rate. However, this is an undesirable situation.

Solution:

The 4FOLD foldable 40ft high cube container is produced under license of the Dutch company Holland Container Innovations. Currently 4FOLD is operational with various lines.

Savings are realized because of its foldable design. When folded, 4FOLD only occupies 25% of its original volume. Four 4FOLD containers can be bundled together after which the bundle occupies the same space as one standard 40ft high-cube.

This bundle can be handled, stored and transported as one. As a result tremendous cost savings can be made over time.

For more information on 4FOLD please visit:

www.4FOLDContainers.com



Result:

Sinotrans operates 4FOLD foldable containers by rail between Urumqi (China) and Almaty (Kazakhstan). When the loaded 4FOLD foldable containers are unloaded in Almaty, Sinotrans folds and bundles the empty units at a depot in Almaty. A bundle of four containers is transported back by rail to Urumqi, saving transportation and handling costs for three boxes.

At the border between Kazakhstan and China, containers need to change tracks, because of the different gauge. Now Sinotrans only needs one handling move for this transshipment, which saves costs and time as well. After a bundle returns to Urumqi unfolding is done at a depot. The unfolded containers are ready to be used again.

Disclaimer: Cost figures are estimates by HCI. HCI accepts no liability for the accuracy of these figures. Please contact Holland Container Innovations for a calculation of your case.



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4FOLD
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