

# Intelligent Folding Containers for Mongolian Ports



## Overview

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Tailored for the land port scene, actively respond to the national concept of "smart customs, smart border, smart connectivity", and help create a safe, efficient, intelligent, rule-of-law, and green "five" ports. With autonomous driving technology and intelligent solutions as the core, it covers . We have a good story for you! Okay, here's the thing: 40% of container transport on land is empty. Hundreds of Megatons of CO<sub>2</sub> emissions and 25Bn Euro in cost are wasted. This form of global inefficiency has to stop. We at 4FOLD reduce empty transport in the most . COLLAPSECON is the next evolution of shipping containers - a fully automated collapsible container that will improve operational efficiencies, deliver economic savings and reduce environmental impact across the supply chain, all without requiring a fundamental change to the industry or global . Global container port capacity is expected to reach around 1. 38 billion Twenty-foot Equivalent Units (TEUs) by 2026, according to Drewry's research (2022). Because of the exponential expansion in container traffic, larger container ships are required, necessitating the development of smart ports . Ganqimaodu Road Port and the Manzhouli Railway Port in North China's Inner Mongolia autonomous region made the list of China's model cases for smart port development released by China's National Port Administration, standing out from 311 ports nationwide.

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### [Inner Mongolia's smart ports boost clearance efficiency, building](#)

At pilot ports, the ratio of cargo cleared per 10,000 tonnes to on-site operational staff improved from 15:1 to 51:1. Recently, Manzhouli Port and Ganqmod Port have been selected as the

### [Smart container port development: recent technologies and research](#)

This literature review aims to explore the latest research and technological progress of smart container port developments in three aspects: port data acquisition, intelligent and automation



### Containers

We boast dozens of manufacturing bases in all important ports of China Mainland. We are the only provider who can provide the whole series of container products and possess independent

### Inner Mongolia's two ports named national smart port models

The selection of these two ports highlights Inner Mongolia's contribution to China's digital transformation of ports, offering scalable and replicable solutions.



### E-Commodities Holdings Limited

Empty containers are automatically sent to the



### **COLLAPSECON - Spectainer**

COLLAPSECON's innovative and fully automated design allows up to 4 containers to be collapsed and combined, giving them a fully laden weight and enabling them to be transported anywhere on a ship.



### [The Smartest Ports in the World: From Smart Ideas to Global Leaders](#)

Smartness goes beyond the port gates. These ports use cloud platforms and data-sharing tools to foster collaboration between shipping lines, truckers, customs, and city logistics networks.



Mongolian border, and loaded containers are automatically transported back to China, which can be connected with on-site manned driving



### **Foldable shipping containers an answer to port congestion?**

We design foldable intermodal shipping containers that exceed ISO and CSC standards, and the systems needed to fold them standing upright in bundles, safely and quickly.



### **Navlandis**

Discover how Navlandis is changing freight transport with Zbox, a foldable container solution that optimizes space and reduces costs.

## Contact Us

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