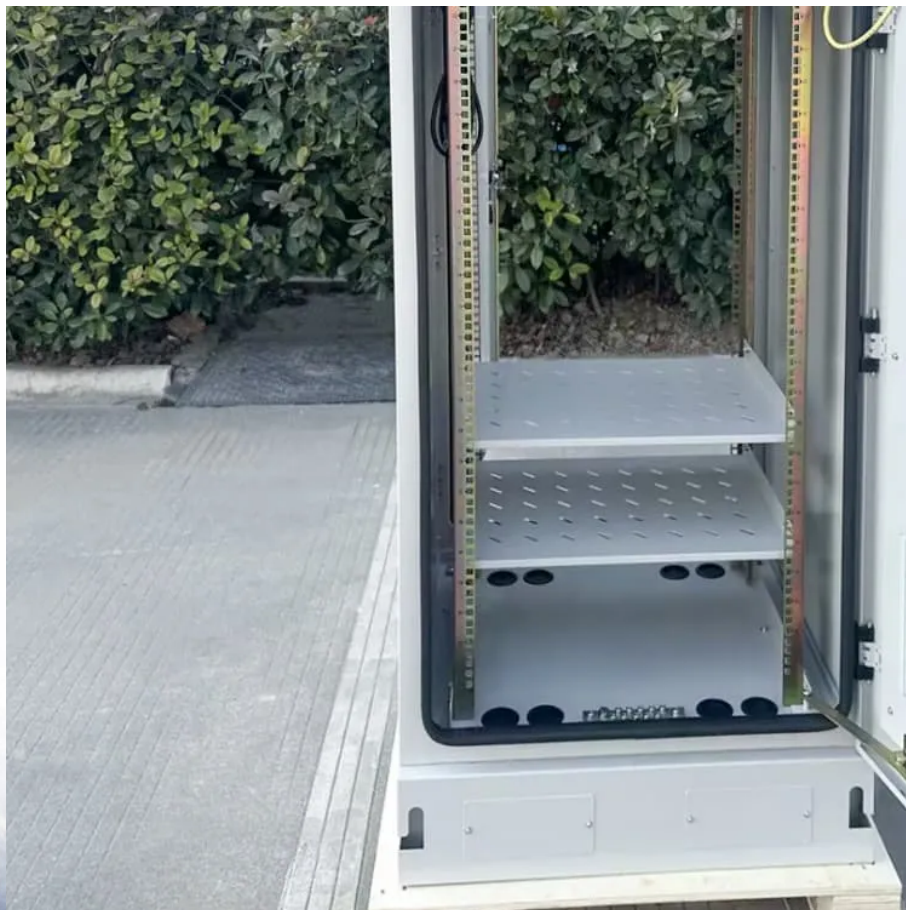


# **Comparison of automatic trading conditions for folding containers with traditional generators**





## Overview

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How can a freight terminal be automated?

Within a freight terminal, several processes can be automated. Container yard management has been automated for decades, using information systems to manage the stacking of inbound and outbound containers. Thus, automated yard planning allows for more effective positioning of containers and equipment to increase throughput with the same assets.

How many container terminals are automated in 2025?

As of 2025, 75 major container terminals were fully or partially automated worldwide, representing about 8.3% of all terminals. Several terminal operators show reluctance concerning automation and adopt a wait-and-see approach. The main obstacles to automation include: High and irreversible investment costs.

How many automated container terminals are there?

A dataset was compiled covering all 63 automated container terminals, their organizational features, technical dimensions, and the maritime and urban markets they serve.

What is the difference between automated straddle carriers and semi-automated terminals?

Thus, automated straddle carriers (AutoStrads) allow a fully automated terminal, while it would require the combination of automated guided vehicles (AGVs) and automated stacking cranes (ASCs). Semi-automated terminal. Only involves the application of one form of automation, dominantly automated staking yards (ASCs).



## Comparison of automatic trading conditions for folding containers v

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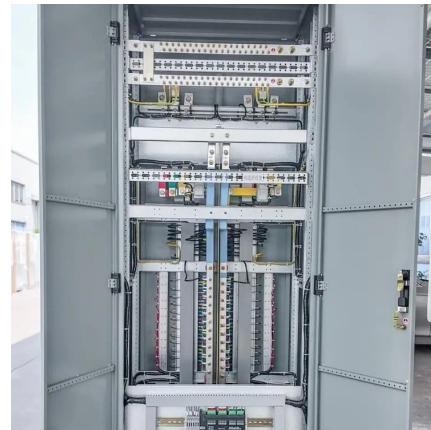


### [Chapter 6.6 - Container Terminal Automation. Port ...](#)

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