



# Two-way charging of folding containers at port terminals

Source: <https://h2arq.es/Tue-17-Jun-2025-52219.html>

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May 16, 2003&ensp;&#0183;&ensp;At container terminals, containers are transshipped from one mode of transportation to another. Within a terminal different types of material handling equipment are ...

Apr 8, 2025&ensp;&#0183;&ensp;ABSTRACT Automated guided vehicles (AGVs) serve as pivotal equipment for horizontal transportation in automated container terminals (ACTs), necessitating the ...

Oct 24, 2025&ensp;&#0183;&ensp;ABSTRACT Port terminals, especially their reefer container yards, face surging power demands. Efficient reefer charging is critical for port sustainability and efficiency, as it ...

Feb 20, 2025&ensp;&#0183;&ensp;Abstract Efficient scheduling of automated guided vehicles (AGVs) in automated container terminals (ACTs) is crucial to their operations management under the initiative of ...

May 1, 2025&ensp;&#0183;&ensp;Develop a matheuristic framework combining mathematical models with heuristics. With technological advancements and a growing focus on environmental sustainability, battery ...

Nov 26, 2024&ensp;&#0183;&ensp;A recent study led by Yongsheng Yang from the Institute of Logistics Science and Engineering at Shanghai Maritime University has unveiled a groundbreaking approach to ...

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Sep 25, 2020&ensp;&#0183;&ensp;At automated container terminals utilising automated stacking cranes (ASC), the two options are the flatbed automated guided vehicle (AGV) or the shuttle carrier, which can ...

Why charging infrastructure matters for terminals The electrification of container terminals represents one of the significant shifts in port operations in decades. Beyond meeting ...

Aug 8, 2025&ensp;&#0183;&ensp;Battery-powered automatic guided vehicles (B-AGVs) serve as crucial horizontal transportation equipment in terminals and significantly impact the terminal transportation ...

Jan 3, 2024&ensp;&#0183;&ensp;Potential wireless charging zones at port terminals are identified, and efficacy of wireless charging to extend BET range in drayage operation is verified by simulating the ...

Dec 1, 2023&ensp;&#0183;&ensp;Battery-Powered Automated Guided Vehicles (B-AGVs) are important equipment used to transfer containers between the seaside and the landside in automated container ...

Download Citation | On Jul 22, 2025, Xurui Yang and others published AGV scheduling in automated container terminals considering multi-load strategy and charging requirements | ...

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Jul 20, 2024&ensp;&#0183;&ensp;Abstract Port terminals, especially their reefer container yards, face surging power demands. Efficient reefer charging is critical for port ...

Jan 19, 2025&ensp;&#0183;&ensp;Navigate the financial complexities of maritime operations with our comprehensive guide to port costs for ship owners and operators.

Dec 1, 2022&ensp;&#0183;&ensp;While Staxxon's containers can be folded and unfolded using a forklift and two labourers, the company is working with Konecranes on a high-volume folding and nesting ...

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