

US Port Use of Collapsible Containers Network-Connected

What is a collapsible shipping container?

Shippers are demanding improved efficiencies and sustainability throughout their supply chains. COLLAPSECON is the collapsible shipping container pioneering the future of global trade. It's practical and rigid design saves on space, cost and handling, and helps to significantly reduce industry emissions.

Do all container ports use automation technology?

All of the 10 largest U.S. container ports have adopted automation technology to varying degrees. At least one terminal at each of these ports uses process automation technology to optimize, track, or communicate container movements (e.g., automated gate systems).

Do Empty shipping containers clog roads and ports?

Empty shipping containers clog roads and ports. Staxxon's foldable containers -- which can be stacked in bundles -- are one solution to this.

Should a container be collapsible vertically?

Collapsing vertically has its benefits, but strength is not one of them. Given the requirement to position containers anywhere on a vessel, the industry must be confident that a collapsible container can sustain the weight of fully laden boxes both at sea and in the port.

A study by the Boston Consulting Group revealed it costs the shipping industry almost US\$20 billion each year in repositioning empty containers. One out of every three containers shipped ...

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 ...

Are shipping containers outdated? The intermodal shipping container is 70 years old. Over the years it has been refined but ownership costs have increased. For example, this year, the annual ...

t imbalances witnessed. Empty containers will always exist but with the aid of collapsible containers such as COLLAPSECON, whereby four empty containers could be combined and are ...

By Ronnie Adcock, senior vice president and Darin N. Miller, national marine manager While the marine industry is not historically known for being early adopters of new equipment or ...

Economic benefits of deploying foldable containers: Reducing bunker and container management costs in multi-port shipping network

Collapsible shipping containers have emerged as a revolutionary solution to address these issues. Unlike traditional containers, collapsible containers can be folded and stored compactly ...

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What GAO Found Automation technology at ports reduces human involvement in processing and handling cargo. All of the 10 largest U.S. container ports have adopted automation ...

The use of collapsible containers does necessitate additional steps compared with the standard container shipping process. All collapsible containers require some specialized equipment ...

Unlike collapsible containers, Staxxon's containers fold vertically, maintaining standard ISO dimensions and stackability, addressing previous industry failures with horizontal-folding designs.

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