

On-Dock Rail (ODR) Straddle Carrier

Dimensions:

86'-0" (L) x 37'-0" (W) x 28'-0" (H)

Problem Solved:

In support of national security at United States shipping ports, a modular approach to scanning ISO shipping containers prior to being loaded onto our nation's rail system was needed.

Description:

There are two portals constructed entirely out of ISO shipping containers. Each portal has a wheel elevation guide container to align a straddle carrier with a shipping container through a vertical portal. There are two 3-container high towers on each side as the straddle carrier passes through. Each tower has a one-inch thick steel plate lining, nuclear scanners, ladder system, and integrated visual systems and controls. Once the straddle passes through the portal and the shipping container is deemed safe, the container is loaded onto a rail car for transport.



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