

Multiple VRC Set Up Improves Workflow Efficiency and Space Utilization



The Challenge

Cataler, developer and supplier of catalysts and activated carbon products for the automotive industry was looking to increase their storage capacity and increase throughput at their North Carolina plant. They needed a system that could allow them to store production materials to an upper mezzanine. In addition, they also needed a safe way to transfer sensitive coating materials from the upper level to a conveyor system.

The Autoquip Solution

After consulting with the customer, we determined that (3) Freight Lite VRCs installed at multiple access locations to the mezzanine would improve workflow efficiency and space utilization. Also, to handle the transfer of the coating materials, we provided a conveyor loaded FLHC hydraulic cantilever VRC. The conveyor is positioned on the VRC platform and once at the lower level connects with a rolling conveyor bridge. The bridge was built as a folding section used to bridge the gap between the VRC conveyor and the floor conveyor. It can be adjusted upright in order to close the gates when the freight lift is in use.



The Solution Benefits

Autoquip's Freight Lite VRC's allowed Cataler to improve manufacturing throughput by helping organize their plant floor and improve storage capacity. Their workflow efficiencies improved by adding a conveyor loaded freight lift solution to their production process.