

**Hulcher Services Inc.
New Guzzler®
H-Rail Vacuum Trucks**



Hulcher Adds Five New Guzzler® Hi-Rail Vacuum Trucks to Fleet

Hulcher Services has expanded our fleet of environmental, engineering and transfer equipment with the recent delivery of five Guzzler® Hi-Rail Vacuum Trucks.

The new trucks are stationed in

- Houston, Texas
- Twin Cities, Minnesota
- Washington (Pittsburgh), Pennsylvania
- St. Louis, Missouri
- Kansas City, Missouri

With a mobile deployment range of several hundred miles, the new vacuum trucks expand Hulcher's environmental, engineering and transfer capabilities across the United States.

Custom-Designed Trucks

Hulcher's new vacuum trucks operate on both rail and road, switching to and from hi-rail configuration in minutes. The new trucks have been customized to include air compressors (see picture right with Air Spade®). The compressor allows devices like the Air Spade® to be powered directly from the vacuum trucks, supporting air excavation and other projects in remote areas.

Learn More:

We have provided this packet to showcase just a few of the ways our trucks can support your needs. As you will see, the vacuum truck is one of the more versatile and capable pieces of equipment you can use for a host of different projects.

Our new Guzzler® Hi-Rail Vacuum Trucks were added to our fleet in response to heavy demand from our customers, and they are booking quickly for work in the coming months. If you would like to schedule our new vacuum trucks for programmed work in 2011 or 2012, please contact us today to make sure the equipment is available when you need it.



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VACUUM TRUCK

Project Summaries

Air Excavation in Remote Areas

Chronic mud problems created softness and flex on stretches of track that ran along a river; steep banks on either side did not permit the use of an off-track undercutter. Hulcher used an Air Spade® and hi-rail vacuum truck to reach the remote stretches of track. The crew fabricated a hi-rail cart for the Air Spade®'s compressor, which was pulled by the vacuum truck. After the railroad's regulator crew scraped along the ties to break down ballast, Hulcher crews used the Air Spade® and vacuum truck to clean out and remove the debris. The new vacuum trucks are custom-fitted with an air compressor to power the Air Spade® or other equipment for a variety of tasks.



Retarder/Switch Cleaning

The retarders at a rail yard were impacted with mud and debris. Hulcher deployed an Air Spade® and hi-rail vacuum truck to the yard. Crew members safely cleaned the debris from the retarder; the Air Spade® was able to fit into all the tight spots and eliminate the impacted debris.

This project illustrates how the vacuum truck can be used to clean retarders and crossings and perform switch winterizing without harming any sensitive wires or cables.



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Grain Bin Collapse Clean-up

Regional flooding affected several grain facilities, causing some of them to burst as the saturated grain expanded beyond the bins' capacity. Hulcher deployed vacuum trucks and transfer vacuum trucks to clean up the spilled product. The hose attachment to the boom allowed work crews to clean up the spillage quickly and effectively.



Clean-up of Molassas Spill

Vacuum trucks pick up a wide range of materials, including sand, taconite, grain, bentonite clay, coal, coke, fouled ballast, mud and clay. They can also be used to collect liquids. For this project the vacuum truck was used to clean up a molassas spill at a rail yard. The project was also supported by Hulcher's environmental trailer. Once the vacuum truck cleaned up the spill, the collected material was turned over to a licensed waste hauling contractor for disposal.



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Track Maintenance at a Rail Yard

Hulcher was tasked to perform track maintenance at a busy rail yard. The work crew was supported by a vacuum truck. As workers cleared ballast and debris from beneath the track, the truck collected it for disposal.

The vacuum truck is durable enough to pick up large pieces of debris such as ballast, making it an ideal solution for many track maintenance applications. Also the hi-rail capability was essential for this project as there was no space on either side of the track for the vehicle to park.



Cleaning Out a Railway Rotating Turntable

Over time, various oils, fluids and debris collected in the pit of the railway turntable. The vacuum truck provided an ideal solution to cleaning the pit. The hi-rail gear and the hose attachment for the boom allowed the workers to work from the bridge rather than from the sides, and to reach even the deepest part of the funnel-shaped pit to clean the materials out.



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Cleaning Collection Pit at Locomotive Servicing Terminal

A sump pump broke at a locomotive servicing terminal, allowing various fluids from the engines to collect in the service bay's trough. Hulcher's vacuum truck and a two-person crew was deployed to clean out the trough and turn the materials over to the customer for licensed disposal. The hi-rail gear was essential for the truck to be able to work the entire 900-foot stretch of the bay. The Guzzler® truck's unique configuration allows the vehicle and the boom to both be operated by one person from the back seat. This reduced the number of workers needed for this project.

This project is an ideal example of how the vacuum truck can support both industrial and railroad operations.



Analysis, containment, treatment, transport, and disposal of material are each conducted in full compliance with relevant federal and applicable state laws/regulations (licensing, permitting, procedural and operational protocol) which sometimes requires the participation of fellow contractors engaged by the customer and/or Hulcher subcontractors.

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