

# HydraDump<sup>®</sup>



Hydraulic Side-dump  
Conversion



# Switch to hydraulic reliability.

Improved Reliability

## Enhance the safety and reliability of your side-dump cars.

Switching your existing side-dump cars from pneumatic to hydraulic operation with the HydraDump® conversion kit not only makes sense for the safety of your workers, it makes sense for your budget. The easy-to-install system makes your cars more dependable to use, more predictable to operate and less costly to maintain.

With traditional pneumatic systems, offloads are often completed in a rapid and uncontrolled manner. Hydraulic systems like HydraDump avoid this launching at the top of the cycle and instead provide a smooth and consistent motion throughout an entire unloading. The ability to anticipate how the car will behave enables operators to safely offload materials with a greater amount of control.

HydraDump was designed to be far more dependable than traditional systems. Since freezing water vapor can block air lines in pneumatic systems, hydraulic systems like HydraDump provide improved reliability in cold conditions. HydraDump also features a rugged construction that utilizes standard railroad components, so on the rare occasion that service is required, parts can be swapped out quickly and affordably.

HydraDump converts your existing air-operated side-dump cars to hydraulic operation for better reliability and more consistent operation even when lifting the heaviest loads.

- Dependable and rugged construction
- Lifts in excess of 100 tons







## Increased Safety

HydraDump lifts smoothly and consistently so your operators have more precise control over how the car operates.

- No launching at the top of the cycle
- Predictable offloading of materials



## Low-cost Maintenance

Not only will converting to hydraulic operation with HydraDump decrease the amount of maintenance you need to perform on your side-dump cars, but it also allows repairs to be made quickly in the field using parts you may already have on hand.

- Extended maintenance cycles
- Uses standard railroad components

## Easy to install. Simple to operate.

HydraDump is an easily exportable kit that allows your railroad to quickly and easily install on your existing side-dump cars. It's built using mostly off-the-shelf components, so you can also easily complete most maintenance and repairs on your own. HydraDump operates like the air-operated cars your crews are used to — directly from the locomotive's auxiliary air lines. When the pneumatic system is triggered on the car, the hydraulic system engages to initiate the dump.



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