HydraDump®

A GREX Solution

Hydraulic Side-dump Conversion
Switch to hydraulic 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 launch 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
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 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.

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

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.**

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**Increased Safety**

**Low-cost Maintenance**