

PETTIBONE



» IT'S NOT A WHEEL LOADER.
SAFER. STRONGER. CARY-LIFT.

WHEEL LOADERS FALL SHORT

Many “pipe movers” are not actually designed to move pipe. Take the wheel loader, which can be equipped with attachments for lifting pipe, but is primarily built to dig and move dirt.

The most apparent problem is with visibility. A wheel loader’s lift arms come up directly in front of the machine, severely obstructing the operator’s forward view. This lack of visibility makes it very difficult for wheel loader operators to handle, lift and place pipe in a safe and efficient manner.



Another issue with a wheel loader’s intended function versus its secondary use as a pipe handler is stability. The articulated steering of a wheel loader is not well suited to making turns while carrying pipe.

A wheel loader can lose up to 50% of its rated load capacity when going into a turn. At best, drivers may have to resort to inefficient multiple-point turns. At worst, they will tip over. Unfortunately, a wheel loader lying on its side with pipe scattered nearby is a sight that is all too common.



CARY-LIFT: NOT A WHEEL LOADER

A **REAL** PIPE MOVER.

DEDICATED TO VISIBILITY

When moving pipe, visibility is a challenge that comes with the territory. Consider a stocking yard, where drivers are constantly moving up and down narrow aiseways — usually no more than 35 feet wide — and may be stacking pipe as high as 12 feet.

To load and transport pipe around the yard without incident, a machine generally must be driven while its load is lifted up in the air. Because the length of pipe typically extends outside the width of the vehicle carrying it, operators must have as much visibility as possible around the vehicle to see and avoid striking obstacles.

The Pettibone Cary-Lift is purpose built to provide **excellent visibility** for specific jobs like moving pipe. This rough terrain forklift has a **unique overhead lift arm design**, where the arms are mounted behind the cab instead of at the front of the machine.

OVERHEAD LIFT ARM DESIGN

The Cary-Lift 154 also features a **sloped engine compartment** for better rear view visibility, further helping to keep more lines of sight clear for the operator around the entire machine.

SLOPED ENGINE COMPARTMENT

180° FRONT VISIBILITY

When lifting, placing or transporting loads, the Cary-Lift gives the operator **full forward visibility** of more than 180 degrees with no obstruction, which proves advantageous both for precision load placement and enhanced jobsite safety.



CARY-LIFT: NOT A WHEEL LOADER

A **REAL** PIPE MOVER.

SOLID AND STABLE

Operators who move pipe and similar loads must be aware of different circumstances that can impact the stability of a loaded vehicle, including speed, grade and ground conditions. Weight distribution, suspension and wheelbase can also influence a vehicle's resistance to tipping.

Unfortunately, operators sometimes may not recognize that the physical dynamics of a vehicle may change when turning or maneuvering the machine. Failing to make proper adjustments based on speed, load or turning approach could increase the chances of an accident.



SOLID STEEL FRAME

The Cary-Lift is designed to deliver more strength and stability than its wheel loader counterparts when handling heavy pipe. Instead of an articulating joint, this machine has a **heavy-duty, solid steel frame** that can take full loads into sharp turns without sacrificing any load capacity or stability.

TIGHT TURNING RADIUS

The Cary-Lift has a **short wheelbase** that provides a tight turning radius while maintaining capacity. The model also features a wider stance for the lift arms to further improve stability while moving a load.

ALL-TERRAIN

The Cary-Lift is an all-terrain, **4-wheel drive machine** – a basic necessity when hauling pipe on construction jobs in the field. The machine also offers **hydraulic frame sway control** with leveling action to compensate for uneven ground, helping to ensure operators are always carrying a safe, stable load.

CARY-LIFT: NOT A WHEEL LOADER

A REAL PIPE MOVER.

SAFE AND PRODUCTIVE

Any appropriate material handler can collect a load of pipe from an open stack, but when it comes to loading and unloading railroad gondola cars, moving pipe safely is easier said than done.

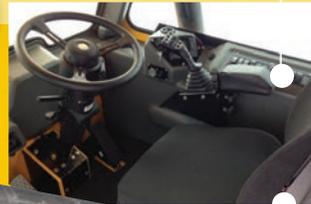
Overhead gantry cranes are commonly used to unload gondola cars...but they need help. A worker must physically climb down inside the car to strap pipe manually before it can be lifted. This can be hazardous: A strap could slip off a pipe, or pipes in the car may shift and roll, perhaps even causing a person to become trapped, or worse.

The Cary-Lift solves the problem of placing people inside a gondola car. The geometry of the overhead lift arms allows the forks to **tilt down 90 degrees** and scoop pipe out. A car can be emptied by one machine operator without ever having to put someone inside. This approach is also more efficient from a labor standpoint.

90- DEGREE TILT DOWN

The Cary-Lift includes **multi-function joysticks** that provide intuitive control of the hydraulics for lifting, tilting and reaching simultaneously. Every aspect of the Cary-Lift enables users to operate in a much safer manner that also serves the bottom line by increasing efficiency and overall productivity.

MULTI-FUNCTION JOYSTICKS



ERGONOMICS

The Cary-Lift takes care of workers in other ways as well. Ergonomic enhancements – **adjustable seat, padded armrests, lumbar support, climate-controlled cab** – help reduce fatigue, keeping operators more alert.





PETTIBONE, LLC
1100 Superior Avenue
Baraga, MI 49908

www.gopettibone.com