

CARY-LIFT: NOT A WHEEL LOADER

# A REAL PIPE MOVER.



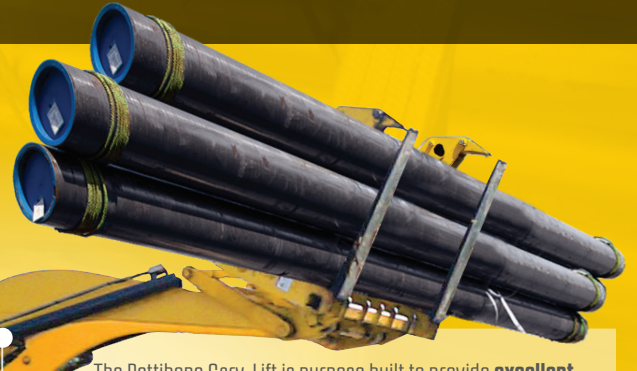
## DEDICATED TO VISIBILITY

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 aisles—typically, 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.

Ergonomic enhancements—adjustable seat, padded armrests, lumbar support, climate-controlled cab—help reduce operator fatigue.

### ERGONOMICS



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



### 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 precise load placement and enhanced jobsite safety.

## SOLID AND STABLE

Operators who move pipe and similar loads must be aware of the circumstances that impact the stability of a loaded vehicle, including speed, grade, ground conditions, weight distribution, suspension and wheelbase distance.

When turning or maneuvering a machine, operators may not always recognize how the changing dynamics of a vehicle influence its vulnerability to tipping. Failure to make proper adjustments to speed or turning approach increases the risk 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. Each machine 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 in the field. The machine also offers hydraulic frame-sway control with leveling action to compensate for uneven ground, helping to ensure load stability.

## 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, with the potential to cause a person to become trapped—or even worse.

### 90-DEGREE TILT DOWN

A gondola car can be emptied by one machine operator, without ever having to put someone at risk inside of it. The geometry of the overhead lift arms allows the forks to tilt down 90 degrees and scoop out pipe. 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.

### ATTACHMENTS

The Cary-Lift is known for its versatility in handling pipe and poles using robust baler attachments with hold-down arms.

- » Available baler attachments include 60-, 72-, or 96-inch forks.
- » EZ Boot polyurethane sleeves fit onto the hold-down arms and forks to prevent scratching and unwanted damage when handling coated pipe.
- » Standard and scissor hold-down arms have your pipe-handling needs covered. Scissor hold-down arms are better suited to securing pipe with a diameter of 8 inches or less.
- » Additional options include scrap balers, fork frames, or specialty balers.



Additional Options:

# WHEEL LOADERS FALL SHORT

Many “pipe movers” are not actually designed to move pipe. For example, a wheel loader can be equipped with attachments for lifting pipe, but it is primarily designed 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.



Instability is another issue caused by using a wheel loader to handle pipe. The articulated steering of a wheel loader is not well suited to making turns while carrying pipe.

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



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