

TELESCOPIC CYLINDERS QUICK GUIDE



Wheelco

*Customer Driven
Since 1961*

Custom Hoists

CUSTOM HOISTS, INC.[®] HYDRAULIC CYLINDERS

2500 SERIES
Pin Eye
Mounting



3000 SERIES
Trunnion Pin
Ported



4000 SERIES
Pin-to-Pin
Mounting



4000 INVERTED
Trunnion-to-Pin
Mounting



DOUBLE
Acting



PNEUMATIC
Piston Rod



Why Custom Hoist Cylinders?

- Custom Hoist is a leading, global manufacturer of mobile hydraulic cylinders
- Custom Hoist is a leading supplier of telescopic and single stage hydraulic cylinders
- Since 1973, Custom Hoist has operated out of Hayesville, OH

Use Custom Hoist hydraulic cylinders in applications like:

- Dump trucks & trailers
- Off-highway equipment
- Refuse trucks
- Roll-off units
- Push-out ejector trailers
- Compactors
- Balers
- Mining equipment
- Airline service equipment



Check out our entire inventory for complete product listings.

Sioux Falls, SD
800.952.3674

Mitchell, SD
888.996.8415

Watertown, SD
888.590.7080

St. Cloud, MN
888.704.4242

St. Paul, MN
651.459.1487

Savage, MN
952.373.8130

CUSTOM HOISTS, INC.[®] HYDRAULIC CYLINDERS

Custom Hoists produces the widest range of telescoping and rod cylinders in the industry designed to work in tune with our wet kits and pumps. We offer European and traditional head nut designs in a wide range of sizes and mounting configurations to fit your needs. Contact Wheelco today to learn how we can provide full system hydraulic solutions for all your lifting needs.



2500 SERIES

Features & Benefits

- Self-bleeding design
- Weighs less than most cylinders of similar design
- Chrome-plated LPA
- Optional self-aligning bearing
- Lifting capacity comparable to other brands
- Dual-lip wiper prevent contamination entry
- Fits a variety of dump body & trailer applications
- 2800 - 3500 PSI operating pressure
- State of the art u-cups
- 2-year warranty



3000 SERIES

Features & Benefits

- 23% more lifting capacity
- Chrome-plated plungers
- Optional nitrided plungers
- Domestically manufactured and stocked for immediate shipment
- Oscillating trunnion collar reduces side loading
- O.D. sealed with state of the art u-cups
- Pin Ported



4000 SERIES

Features & Benefits

- Self-bleeding design
- Pre-loaded v-packing with a self-adjusting wave spring energizer or an energized Z seal package as an option
- Threaded headnuts for added strength and field seal adjustment
- Longer bearing length for stability
- Stock models inventoried at 5 warehouse locations throughout the U.S. for immediate needs
- For front mount dump body cylinder force and stroke calculations



4000 INVERTED MOUNT

Features & Benefits

- Trunnion to Pin Mounting
- Self-bleeding design
- Pre-loaded v-packing with a self-adjusting wave spring energizer or an energized Z seal package as an option
- Threaded headnuts for added strength and field seal adjustment
- Longer bearing length for stability
- Stock models inventoried at 5 warehouse locations throughout the U.S. for immediate needs



DOUBLE ACTING

Features & Benefits

- Custom Hoists[®] double-acting telescopic cylinders are manufactured to individual specifications to meet the rigid requirements of today's applications, including:
- Refuse Trucks
- Solid Waste Packers
- Stationary and Mobile Trash Compactors
- Transfer and Push-Out Trailers
- Roll-Off Units
- Construction Equipment



PNEUMATIC PISTON ROD

Features & Benefits

- Custom Hoists[®] pneumatic piston rod cylinders feature high-strength steel tubing to work in applications with system pressures up to 150 psi.
- Bore sizes from 2" to 8" with rod sizes from 1" and up.
- Fully welded construction, durable low friction pneumatic rod seals and dual lip wipers to prevent contamination.
- 2-year warranty



SHOP OUR NEW AND INNOVATIVE PRODUCTS.

WHEELCO.COM