




C60-80Z^{HD} SERIES

HEAVY DUTY CENTER RIDER

**STRONG PARTNERS.
TOUGH TRUCKS.™**

WWW.HYSTER.COM





DESIGNED FOR YOUR DISTRIBUTION AND WAREHOUSE APPLICATIONS

Our Hyster® C60-80Z^{HD} center riders have been engineered to take on the most demanding, heavy duty applications in a multitude of operating conditions. To do so, we started with you, our customer, to understand your business, your challenges and your expectations. With our customers' needs in mind, we started from the ground up to build a center rider that won't flinch at the industry's toughest challenges.

After every detail was considered and meticulously designed, we put the 6,000 and 8,000 lb. center riders through rigorous testing; and when we were done, we asked our customers to do the same. In the end, the Hyster C60Z^{HD} and C80Z^{HD} met the challenges of some of our most demanding customers. The results are clear; Hyster center riders consistently outperform the competition.

> DESIGN THAT CHANGES THE GAME

Hyster knows the demands of staying on top. It requires tough work. That's why we've designed the C60-80Z^{HD} center rider. Because trucks run across uneven surfaces, pound into pallets, start and stop and start again – designing a dependable, efficient pallet jack was our top priority. From enhancing frame stability, to reinforcing our forks with 25% more steel, to engineering the undercarriage to protect all of the truck's most critical components, we've designed our heavy duty center riders to be the durable solution to your application's toughest challenges.

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| <p>A</p>  <p>LARGE EXIT ROLLERS REDUCE PALLET DRAG</p> | <p>B</p>  <p>FELT WASHERS SEAL BUSHING LOCATIONS TO KEEP DIRT OUT AND LUBRICATION IN</p> | <p>C</p>  <p>1.00" THREADED ROD ADJUSTMENT INCREASES STRENGTH OF THE FUSE POINT</p> | <p>D</p>  <p>MORE STRENGTH IN FRONT LINKAGE</p> | |
| <p>E</p>  <p>25% INCREASE IN STEEL</p> | <p>F</p>  <p>5/16" THICK STEEL</p> | <p>G</p>  <p>ENHANCES STABILITY</p> | <p>H</p>  <p>RESISTS DAMAGE FOR LONGER LIFE</p> | <p>I</p>  <p>25% LESS FORCE NEEDED ON PULL ROD</p> |





E



FORK cross section

F



heavy duty caster

G



changing linkage points reduces force in system by 25%

➤ LOW COST OF OWNERSHIP

It took determination and laser focus to build a truck that can stand up to the challenges of your operation. When your heavy duty application demands that a truck run 4,000 + hours a year, you want to be absolutely certain you have the equipment that's up to the task. That's why we built the Hyster® C60-80Z^{HD} series center riders to be some of the toughest in the industry – lowering your overall cost of ownership!

HYSTER® I³ TECHNOLOGY™

Hyster i³ Technology™ integrates commonality among Hyster warehouse products and simplifies the way in which operators and technicians alike handle and service the truck. The Integrated Intelligent Interface ties together functionality, software, diagnostic codes, similar interfaces and is Hyster Tracker compatible. This technology allows operator input to optimize performance to suit operator skill level. It also provides setup and diagnostic menus for service technicians.



LOW MAINTENANCE MEANS MORE UPTIME

- High efficiency AC traction motor requires no service.
- Electro-mechanical brake has no service requirements.
- Stationary traction motor design eliminates power cable flexing and the potential for loose power wire connections.
- Non-contact Hall-Effect throttle control eliminates wear components and requires no mechanical adjustments.
- Controller absorbs excess current during hydraulic motor activation to extend motor life.
- Lube fittings and serviceable bushings at all pivot points reduce wear and extend component life.
- CANbus communication system helps reduce wear by simplifying truck wiring—fewer wires mean fewer potential failure points.

SERVICEABILITY

Even the toughest trucks need to be properly maintained, so when it comes time to service our 6,000 lb. and 8,000 lb. heavy duty center riders, we've made certain it's easy to get the job done fast. The traction and hydraulic controls compartment requires no tools to open. And the translucent hydraulic reservoir allows technicians to check fluid levels at a glance. Your technicians will also appreciate our on-board diagnostic capability, which allows for quick troubleshooting. When parts or service help are required, your Authorized Hyster® Lift Truck Dealer can provide genuine, tough as nails, Hyster parts or service, from one of North America's most extensive full-line lift truck dealer networks, so you can feel confident your Hyster® lift truck will be there when you need it.



HYSTER

> TOUGH ON THE INSIDE, COMFORTABLE ON THE OUTSIDE.

The productivity of your operation is directly affected by the comfort of your operators. We've always engineered Hyster® trucks to be operator friendly and our center riders are no exception. Features like programmable performance modes let operators tailor truck performance to the application or their skill level. From the large operator compartment to the intuitive controls and optional electronic power assist steering, our intelligently designed ergonomics make our heavy duty center riders easier and more comfortable to operate.



Mounted in the floor plate, the high speed or "rabbit" speed switch gives the C60-80Z^{HD} Center Rider series' excellent travel speeds. So whether you're moving single or double pallet loads of product that weigh 3 or 4 tons (6,000 or 8,000 lbs.), your operators spend more time performing order fulfillment and less time traveling



Spacious operator's compartment is 20.8" deep and 32.0" wide. It comes equipped with a forward bulk-head, operator's back pad, and a shock absorbent, removable 1.0" thick floor mat affording ample cushioning. It also reduces the effects of vibration and standing stresses, while enhancing operator stability over uneven surfaces. Best of all, with a 4.6" step height, entry and exit is easy.

CONTROL HANDLE

A 3-position tilt steer column and a 25.0 inch wide steer handle with full rotary grips that control travel speed and direction provides you an excellent means of productivity for high speed transporting of goods from point A to point B.

The Side Glide Control Handle provides smooth operation while picking orders. Instead of fully entering the compartment to move the truck a short distance, the operator can simply toggle the control and glide the truck forward.





AUTO DECELERATION

- Reduces the need to manually apply a service brake for slow down.
- Operator simply returns the throttle control towards neutral for a controlled deceleration, reducing fatigue and enhancing productivity.
- Two-stage braking is activated by squeezing the brake levers mounted on the control handle.



TAPERED FORK DESIGN

- Provides industry-leading pallet entry and exit.
- Design offers smooth pallet entry and exit.
- Top of profile has been tapered to allow easy handling of pallets.

PERFORMANCE

The Hyster® C60Z^{HD} and C80Z^{HD} 6,000 lb. and 8,000 lb. heavy duty center riders are extraordinarily quick. Pace-setting, programmable acceleration and travel speeds allow more loads to be moved per hour. A high-performance hydraulic system, coupled with the advanced pallet entry-exit system, produces outstanding cycle times. In addition to being quick, these trucks are exceptionally maneuverable. Their tight turning radius, short head length and control handle design allow them to easily enter and exit tight spaces quickly.



Enhanced pallet entry/exit

EFFICIENCY

With our "Extended Shift" feature, your truck is not only working hard, it's working smart. When this feature is engaged, your truck is operating with maximum efficiency allowing it to run longer between battery changes. When the "Extended Shift" feature is disengaged, your truck operates in high-performance mode for quicker acceleration and higher travel speeds.

Our intelligent design provides improved torque, increased travel speeds and allows for smoother acceleration and directional changes. Features like programmable performance modes let operators tailor truck performance to the application or their skill level.

> APPLICATION-MATCHED PERFORMANCE

The Hyster C60-80ZHD Center Rider is designed for continuous use in general warehouses and refrigerated coolers, as well as intermittent use in freezers to -15 degrees Fahrenheit. Optional environmental packages include continuous cold storage/freezer, severe freezer/corrosion and U.L. type "EE" classification.

COOLER / FREEZER PACKAGE

- Available for both 6,000 and 8,000 lbs. capacity models
- Operating temperatures: 0°F to +120°F
- N/A with UL "EE" Construction

SUBZERO PACKAGE

- Available for both 6,000 and 8,000 lbs. capacity models
- Operating temperatures: -40°F to +120°F
- N/A with UL "EE" Construction

WASH DOWN PACKAGE

- Available for both 6,000 and 8,000 lbs. capacity models
- Operating temperatures: 0°F to +120°F
- Painted frame
- Designed for applications requiring pressure washing
- Includes enclosed traction controller, electric brake enclosure, lubrication (freezer oil), corrosion inhibitor on unpainted surfaces of drive wheel and MDU and special lubricants applied to battery rollers when ordered
- N/A with Electronic Power Assist Steering or UL "EE" Construction

OPTIONAL PREMIUM PACKAGE

The C60-80Z^{HD} with the optional premium package offers extra productivity enhancing features:

- 3-inch thick back pad and auxiliary controls.
- auxiliary set of lift, lower and horn buttons, which aids in operating the C60-80ZHD in the forks-first direction.

Optional integrated armrest with auxiliary controls.

Optional storage bin provides convenient placement for on-the-job items.

INNOVATIVE TRUCKS ENGINEERED TO MEET THE MOST DEMANDING APPLICATIONS

For nearly 90 years, Hyster has conquered the world's most demanding applications. In the 1920s Hyster started as a manufacturer of lifting machines used in the rigorous logging industry of the United States' Pacific Northwest. A few years later the first forklift trucks were invented and the Hyster brand quickly gained its reputation for rugged quality. Hyster® lift trucks are designed to lower your cost of operations. Every truck we make — gasoline, LPG, diesel and electric — is purpose-built to excel in its application. Every truck is also backed by an unmatched network of specialists.



Dealer Network — Our Dealer Network can offer the expertise of fleet managers, parts suppliers, capital procurement specialists and trainers. Carefully chosen dealers fully understand customer applications, assist in selecting the right lift truck and provide fast, reliable support.



Hyster Fleet Services — Even if you operate other brands, we can manage your maintenance and replacement plan. We can offer complete fleet analysis, fleet history summary and a cost-effective proposal for replacement and scheduled maintenance.



Parts — With genuine Hyster® replacement parts and UNISOURCE™ parts for all makes of lift trucks, we are your one-stop source for lift truck parts. In fact, we offer more than 7 million part number crosses for most brands of materials handling and other in-plant mobile equipment.



Rental Products — When leasing or buying isn't a practical option, we have access to more than 14,000 units for short- and long-term rental. We'll help you maintain output in a cost-effective manner.



Hyster Capital — We can arrange solutions for special financing requirements, taking the difficulties out of buying the equipment you need. Whether you purchase or lease a new or used lift truck, Hyster Capital offers superior service and competitive rates.



Special Products Engineering Department (SPED) — Different materials require different handling. That's why we can work with you to customize your lift trucks. From strobe lights to specially made forks, SPED has the tools to help you get the job done right.



Operator Training — Proper education in operating lift trucks minimizes the risk of injuries due to accidents while increasing productivity. Hyster offers OSHA-compliant materials that support the training of qualified operators.




Service — Your local Hyster® dealer offers a flexible, customized and comprehensive maintenance plan based on each lift truck's operation environment. Hyster service programs offer scheduled inspections and maintenance, along with quick, responsive service dispatched to your location.



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Visit us online at www.hyster.com or call us at **1-800-HYSTER-1**.

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