

B60-80Z^{HD} SERIES



**STRONG PARTNERS.
TOUGH TRUCKS.™**

HEAVY DUTY END RIDERS

B60-80Z^{HD} SERIES

TOUGHER-THAN-EVER END RIDERS

The Hyster® B60Z^{HD} and B80Z^{HD} 6,000 lb. and 8,000 lb. end 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 an end rider that won't flinch at the industry's toughest challenges.

After every detail was considered and meticulously designed, it was time for the Hyster B60-80Z^{HD} series end riders to hit the proving grounds. To find out just how tough these trucks are, we put them to the test; and when we were done, we asked our customers to do the same. In the end, the Hyster B60Z^{HD} and B80Z^{HD} met the challenges of some of our most demanding customers. Test after test, the results were clear; Hyster end riders consistently outperformed the competition.





■ WORLD-CLASS DEPENDABILITY

- Quick-Adjust Springless Casters
- Reinforced Undercarriage
- Forks With 25% More Steel
- Enhanced Frame Strength

■ PROVEN COST SAVINGS

- Heavy Duty Application
- Hyster® i³ Technology™
- Hyster Tracker Wireless Asset Management
- CANbus Communications System

■ LOW MAINTENANCE, HIGH UPTIME

- Easy Compartment Access
- High Efficiency AC Traction
- Electro-Mechanical Brake
- CANbus Communications System

■ OPERATOR-FRIENDLY COMFORT

- Convenient Integrated Controls
- Large Operator Platform
- Intuitive Control Handle Design
- Low Step Height

■ MOVE MORE LOADS PER HOUR

- High-Performance Hydraulic System
- Advanced Pallet Entry-Exit System
- Extended Shift Feature
- Advanced Coast Control

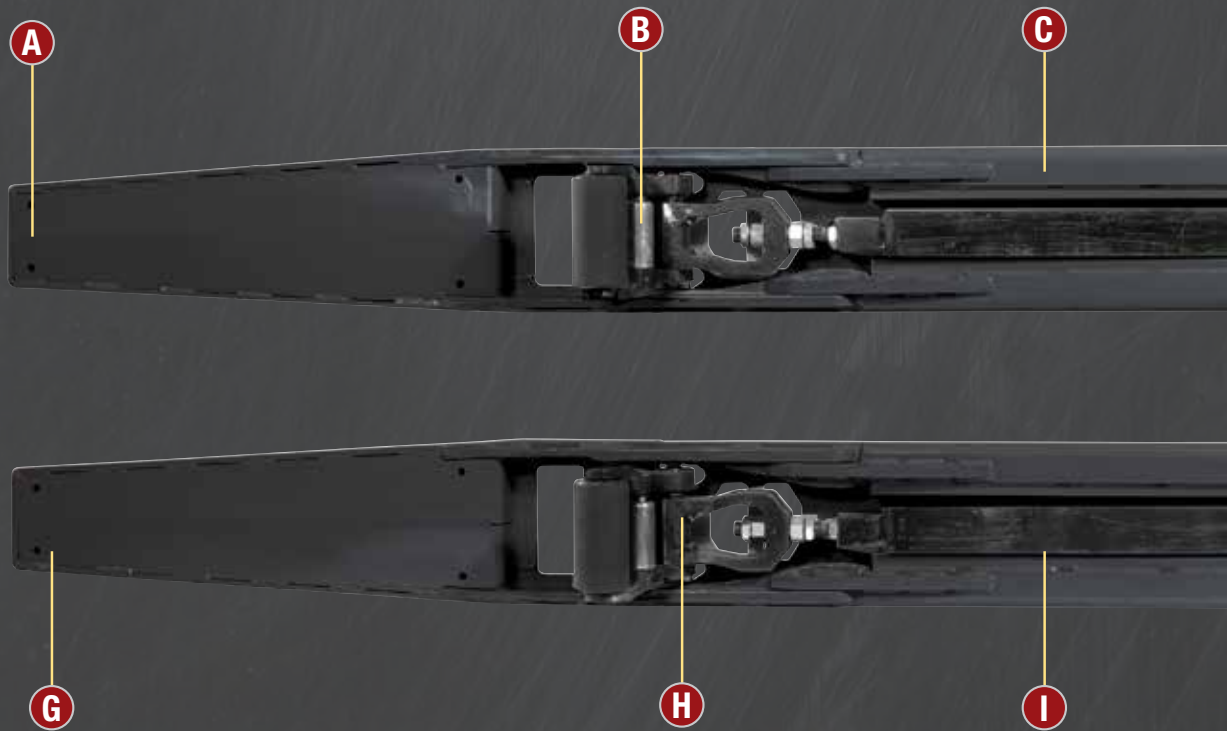
DEPENDABILITY

TESTS SHOW THAT HYSTER'S LINKAGE SYSTEM OUTPERFORMED THAT OF THE LEADING COMPETITOR.

310,000,000 lbs.
lifted by Hyster

109,000,000 lbs.
lifted by the leading competitor

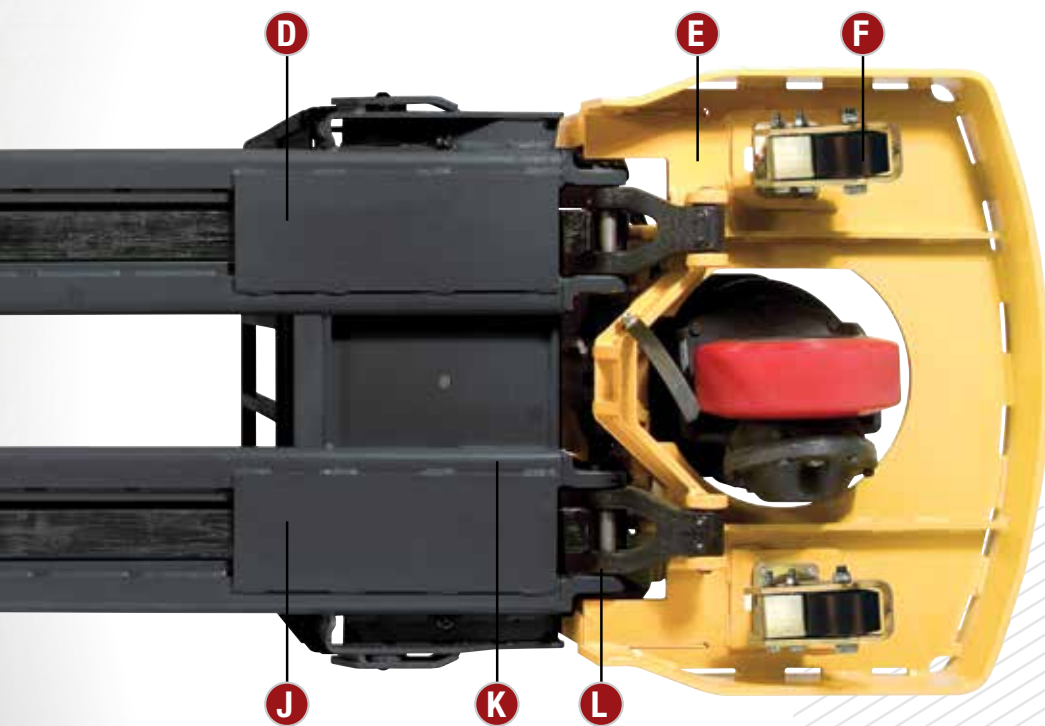
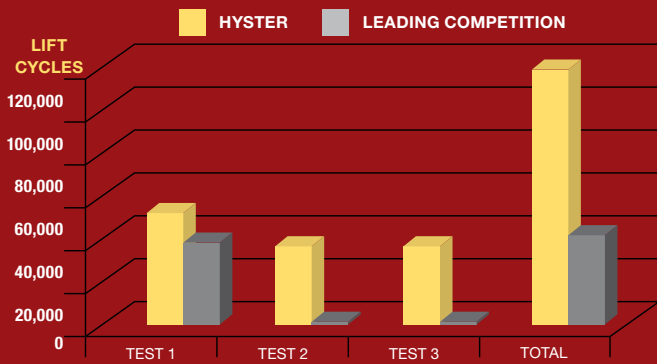
In an accelerated lift test of the full undercarriage linkage system, the Hyster® end rider provided nearly three times the lift cycles than the leading competitor. A lift cycle equaled raising and lowering a load every five to seven seconds. Cycles continued until bushing or lift failure. Bushings were replaced and the testing started again. After three rounds of tests, the results were obvious:



- A** Fork tips are specifically designed for smooth pallet entry.
- B** Increased exit roller size reduces pallet's tendency to drag.
- C** Forks are reinforced with 25% more steel to maximize durability.

- D** Frame and forks connect for reduced twist and increased torsional stiffness.
- E** Enhanced framed is beefed up for greater strength and steadier load handling.
- F** Quick-adjust springless casters enhance frame stability and reduced maintenance time.

All trucks shown with optional equipment.



- G** Increasing fork-pallet interlocking pressure by 500% allows for successful pallet entry on the first try.
- H** Lubrication and "x" groove bushings at all pivot points (not all points are visible from this view).
- I** Oversized pull rods tie linkage together for smooth lifting and lowering.
- J** Reinforced undercarriage is protected against impacts.
- K** Forks' connection with the battery box reduces strain on the undercarriage and linkage.
- L** Lubrication and "x" groove bushings at all pivot points.

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® B60-80Z^{HD} series end riders to be some of the toughest in the industry—lowering your overall cost of ownership!

Hyster® i³ Technology™

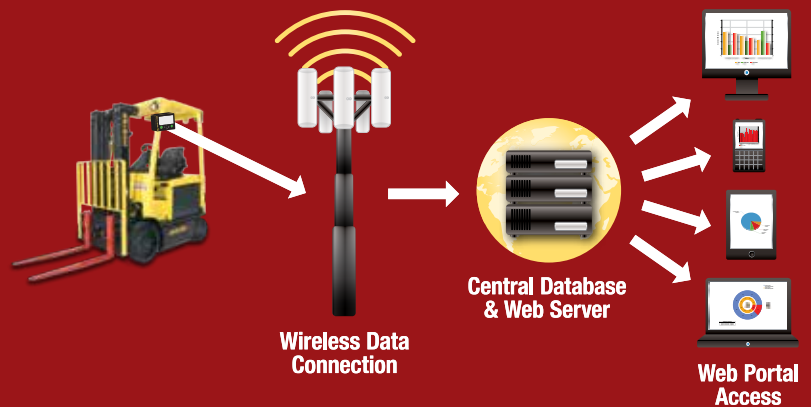
Hyster® i³ Technology™ integrates commonality among Hyster warehouse products and simplifies the way in which operators and technicians alike handle and service the truck. The Integrated Intelligent Interface ties together functionality, software, diagnostic codes, similar interfaces and is Hyster Tracker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



i³ TECHNOLOGY™

HYSTER TRACKER - WIRELESS ASSET MANAGEMENT

Take your fleet operation to the next level with wireless asset management from Hyster. Hyster Tracker provides a scalable solution for fleets. From monitoring truck utilization to limiting operator access. Hyster Tracker allows you to track your fleet at your fingertips.



TRACKER

■ 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 end 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.

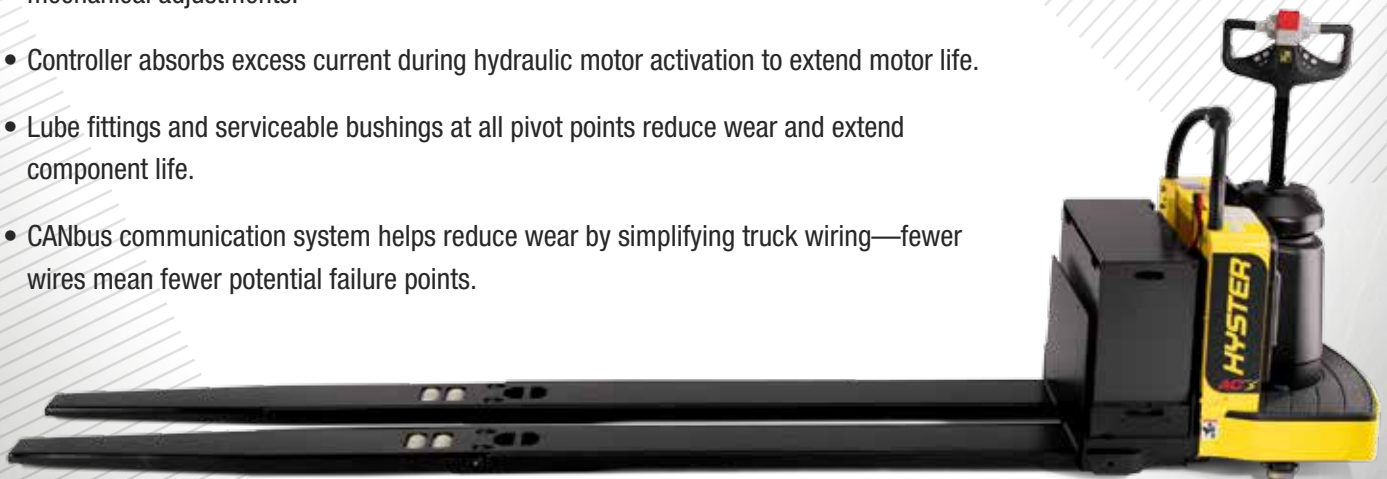
When parts or service help are required, your Authorized Hyster® Lift Truck Dealer can provide genuine, tough as nails, Hyster parts or service, from one of North America's most extensive full-line lift truck dealer networks, so you can feel confident your Hyster® lift truck will be there when you need it.



Optional power steering and control handle shown.

■ BUILT FOR LOW MAINTENANCE AND BETTER 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.



ERGONOMICS

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 end 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 platform to the intuitive controls and optional Electronic Power Assist Steer, our intelligently designed ergonomics make our heavy duty end riders easier and more comfortable to operate.



EFFORTLESS OPERATION FOR MAXIMUM PRODUCTIVITY

- A** The control handle has left-and right-hand controls allowing fingertip control of lift/lower, travel and horn functions with either hand.
- B** Activation buttons for the optional Advanced Coast Control with Side Glide are located on each side of the steer handle for easy, effortless thumb operation.
- C** Advanced Coast Control with Side Glide feature eliminates the need for climbing on and off the truck during quick-pick applications.
- D** A padded and contoured steady rest offers a soft, comfortable grab point and integrated controls.
- E** Low step height provides quick and easy access.
- F** A large operator platform provides comfort while enhancing productivity.



PRODUCTIVITY

■ PERFORMANCE

The Hyster® B60Z^{HD} and B80Z^{HD} 6,000 lb. and 8,000 lb. heavy duty end riders are extraordinarily quick. Pace-setting, programmable acceleration and travel speeds allow more loads to be moved per hour. And 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.

■ 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.

All trucks shown with optional equipment.

■ INTELLIGENT CONTROL HANDLE DESIGN

ADVANCED COAST CONTROL WITH SIDE GLIDE

- Move the truck with the touch of a button
- Increase floor- and low-level picking efficiency



ADVANCED COAST CONTROL

- Easily activated by a button on either side of the control handle
- Lets operator pick their optimum position for floor-level order picking
- Once engaged, Advanced Coast Control function keeps the handle at that position until the Advanced Coast Control is disengaged



SIDE GLIDE

- Located on either arm of the control handle
- Allows operator to advance truck at walking speed
- Also available on the optional full twist metal control handle (shown)

APPLICATION-MATCHED PERFORMANCE

Survived 1,000+ Hours

To prove what they are made of, we pushed these machines to the max, and the linkage survived 1,000+ hours without lubrication.* The complete linkage system lifted a total of 310,000,000 lbs. before requiring service of any kind and our bushing wear was more than three times better than that of the competition.

We deliver durability, productivity, operator comfort and ease of maintenance that exceed the industry's highest standards.

Lifted a Total of 310,000,000 lbs.

*As tough as they are, we still don't recommend you neglect scheduled maintenance, as we did in this test.

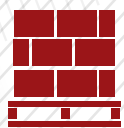
Real-world application results

To be certain our heavy duty end riders are some of the toughest in the industry, we spent more than 1,000 hours in an extreme cold storage application—that's 83 working days—with zero lubrication or service to prove it. And the results are in:

MORE THAN
1,300
TRAILERS EMPTIED



MORE THAN 30,000 DOCK PLATES HITS



OVER
50,000
PALLETES MOVED



100,000+
LIFT/LOWERS



105,000,000 LBS.
OF FREIGHT LIFTED AND
TRANSPORTED

OVER
3,000
MILES TRAVELED



ZERO
LUBRICATION
OR SERVICE*

*This test was performed without additional undercarriage lubrication to prove the extremes that our heavy duty end riders can handle before needing service. Hyster recommends following proper maintenance procedures to maximize truck life.

GALVANIZED END RIDER

When the job gets messy, Hyster answers back with the Extreme Corrosion/Wash Down package available on the B60Z^{HD} and B80Z^{HD}. The completely galvanized frame, lift linkage, battery well and fork weldment stand up to the most corrosive environments. The galvanization process makes these components rust- and corrosion-resistant. This not only makes the truck more FDA and EPA friendly, it also reduces the overall cost of maintenance and operation by eliminating the need for accelerated painting schedules. In addition, the controller is enclosed and sealed to protect it from water during the wash down process. The Hyster® B60Z^{HD} and B80Z^{HD} work hard in the most corrosive conditions and always come out clean.



The galvanized lift linkage provides extra protection for applications that require frequent wash downs or that expose the truck to potentially corrosive agents, making it extremely durable.



A completely galvanized and corrosion-resistant frame protects your investment and eliminates periodic cleaning, scraping and repainting, resulting in even greater uptime.

All trucks shown with optional equipment.

INNOVATIVE TRUCKS ENGINEERED TO MEET THE MOST DEMANDING APPLICATIONS

For more than 80 years, Hyster has been conquering the world's most demanding applications. In the 1920's 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 fork lift 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. Hyster's 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 2 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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Part No. B60-80ZHD/B
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Visit us online at hyster.com or call us at **1-800-HYSTER-1**.

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