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ENCLOSED END RIDER PALLET JACK PRODUCT BROCHURE

BE80-100ZHD



TESTED AND PROVEN

Lift trucks that are heavily used during extended shifts must be extremely durable. By understanding the demands of heavy duty applications, Hyster® has engineered the BE80-100ZHD series to take on your most demanding cross-docking and transport applications.

We tested our enclosed end riders ourselves, then we asked our customers to do the same. In an accelerated lift test of the full undercarriage linkage system:

- Our heavy duty linkage proved that it could endure over 1,000+ hours of use.*
- Our complete linkage system lifted a total of 1.1 billion lbs. without failure.

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



By increasing load wheel contact area, the optional tandem load wheels offer extended load wheel life under an increased load.



Aluminum-bronze HTX bushings (BE100ZHD)

When your heavy duty application demands that a truck runs dependably in demanding environments, you can be certain that the enclosed end rider rises to the challenge and handles the pressure.



Fully boxed frame provides superior rigidity and durability

Brushless AC traction motor provides increased maintenance intervals

Reinforced, thick bumper protects from damage

Quick adjust, dual caster wheels with polyurethane spring block eases wear and tear.

Larger drive tires result in easier transitions over dock plates and across expansion joints

PRODUCTIVITY UP. EQUIPMENT COSTS DOWN.

The Hyster® BE80-100ZHD lift truck is designed to operate at the peak of efficiency so you can take your money straight to the bank.

- High efficiency AC traction motor requires no service
- Electro-mechanical park brake has no service requirements
- Dual wheel quick-adjust load bearing caster provides added support for the drive tire
- Electric power steering eliminates potential leak points and is efficient to service
- Controller absorbs excess current during hydraulic motor activation to extend motor life
- Easily accessible lube fittings and serviceable bushings at all pivot points reduce wear and extend component life
- CANbus communication system simplifies wiring—fewer wires mean fewer potential failure points



Access to the traction controller, drive motor, and hydraulic power unit is provided through the service door via a quick-release latch



Fully serviceable, quick-adjust dual caster wheels

Programmable acceleration and travel speeds help you move more loads per hour. A high-performance hydraulic system, coupled with an advanced pallet entry-exit system, produces outstanding cycle times.

Extended Shift

With Extended Shift engaged, you're operating with maximum efficiency and running longer between battery changes. When disengaged, you're operating in high-performance mode for quicker acceleration and higher travel speeds.

Quad Pallet Forks

Here's where things really get moving. By adding 160" or 192" quad pallet forks to the 10,000 lb. model, you can move up to eight pallets per cycle.

High Lifting Capacity

The Hyster 10,000 lb. enclosed end rider is the highest capacity rider pallet jack in the forklift industry. It allows the operator to move up to 25% more product per cycle than an 8,000 lb. truck.

Fast cycle times

Transistor-controlled hydraulics, coupled with our proven fork and load wheel design, provides for quick and smooth entry and exit of pallets and delivers exceptional cycle times.



EXCEPTIONAL ERGONOMICS

Tough on the Inside, Comfortable on the Outside.

- Contoured, fully padded compartment curbs fatigue in the back, hip, elbow and knees and aids in operator balance
- Backrest provides comfortable support
- Multi-function control handle is contoured and adjustable. Thumb-actuated fork raise/lower switch can be manipulated without releasing grip on the handle shaft.
- Cushioned floor mat rests on four isolator mounts to reduce shock from dock plates and expansion joints
- Standard storage compartment, combined with the optional battery-mounted convenience tray, provides more storage than the leading competitor
- Standard electric power steering provides adjustable steer effort and steer tiller positioning to suit the application
- Optional ultrasonic work light sensor illuminates forks when loading and unloading enclosed transport trucks



Operator Sensing System

Our exclusive Operator Sensing System incorporates a pedal-free design which provides freedom to adjust stance helping to enhance comfort, ease foot exhaustion and offer a more intuitive operator experience.





Convenient step height



Adjustable arm rest with 3 inches of fore and aft adjustment and 6 inches of height adjustment accommodates operators of every size.



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