



STRONG PARTNERS. TOUGH TRUCKS.™

W50Z SERIES

Walkie Motorized, Hand, Low Lift Pallet Truck





THE HYSTER® ADVANTAGE

DURABILITY:

When you've got a job to do, you need to know your equipment is tough enough to make it through. That's why Hyster Company developed the exceptionally rugged W50Z Series low lift pallet truck.

- Reduced wiring complexity and fewer service parts contribute to less required maintenance and longer truck life.
- Four application / environmental construction options allow additional component protection for your specific usage and temperature range:
 - Standard Construction: +32° to +120° F
 - Cooler/Freezer Package: 0° to +120° F
 - **SUBZERO** Freezer Package: -40° to +120°F (increases truck length by 2")
 - Extreme Corrosion/Wash Down Package: 0° to +120° F (increases truck length by 2")
 - This Hyster® exclusive package features a rust-resistant, unpainted galvanized frame designed to reduce overall surface corrosion and rust.
 - No downtime/labor costs associated with periodic repainting.
 - Ideal for applications where the truck is exposed to corrosive agents or is required to be washed down.

MANEUVERABILITY:

When designing the Hyster W50Z, our engineers kept in mind the small spaces it would be used in. They made it supremely easy to maneuver around crowded loading docks.

- Standard W50Z creep speed function allows the truck to be run with the control handle in the full "up" position, placing operators closer to loads for better visibility.
- Fingertip control of all truck functions with either hand aids steering and pallet positioning in tight spots.
- Ergonomically angled handgrips and a contoured body provide comfortable operator positioning and protection for fingers and knuckles during operation.
- Wrap around traction reversing button provides a large area of contact.
- The handle features a direction throttle control actuator that provides 30° rotation in either direction, making it easy to actuate through the full range of motion.



PRODUCTIVITY:

The Hyster W50Z is designed to boost operator productivity through ease of use and less need for maintenance. Several features contribute to the unit's ease of use and reduced service requirements.

- The Auto Deceleration System extends traction motor brush and brake life by automatically slowing the truck when the accelerator is released, translating to a longer life – and more time spent working.
- Regular maintenance is simplified by a 40 percent reduction in electrical connections and easily identifiable wiring.
- The optional 48- and 60-inch load backrest extension maximizes load capabilities to increase efficiency.
- Four application / environmental construction option packages tailor the W50Z to your specific usage needs to reduce downtime related to temperature intolerance.

◀ The standard creep speed feature greatly increases maneuverability by allowing the W50Z to operate with the handle in the full upright position.

W50Z If a pallet truck's true value is its capacity for productivity, the Hyster W50Z is worth its weight in gold. Exceptional maneuverability and industry-exclusive options give your operators the power to get more done. Four different application / environmental construction packages ensure the W50Z can stand up to even your most demanding tasks without breaking a sweat. So, when you have a job to do, rely on the Hyster® W50Z.



GALVANIZED FRAME

Hyster® Trucks Withstand Even Your Tough Jobs

The environmental standards required in applications where a unit is exposed to corrosive agents or is required to be washed down call for extra diligence in protecting against contaminants when compared to trucks running in normal operating conditions. Units operating in high corrosive environments display accelerated surface rust and corrosion more quickly, which is why Hyster Company is proud to introduce a real, long-term solution: The Extreme Corrosion/Wash Down Package includes a completely galvanized frame, lift linkage, battery well and fork weldment.

This optional configuration is unpainted and rust-resistant, eliminating the risk of airborne contaminants in the form of paint or rust flakes. This also does away with the need for periodic scraping and repainting, allowing your operators to be more productive. The W50Z galvanized frame pallet truck is the first 5,000-pound capacity truck designed for use in highly corrosive environments like the food processing, pickling, tannery, chemical, salt and brine industries.



GALVANIZED UNDERCARRIAGE



CONTROL COMPARTMENT



SPECIFICATIONS



TRUCK DIMENSIONS (SUBZERO FREEZER & EXTREME CORROSION/WASH DOWN CONSTRUCTION)

DIMENSION	DESCRIPTION	FORK POSITION	DIMENSIONS IN INCHES (MILLIMETERS)				
A	Fork Length	Nominal	–	36 (900)	42 (1050)	48 (1200)	60 (1500)
		Actual	–	35.4 (899)	41.3 (1049)	47.2 (1199)	59.0 (1499)
B	Wheel Base without Load Backrest	Raised		43.0 (1092)	48.9 (1242)	54.8 (1392)	66.6 (1692)
		Lowered		46.1 (1171)	52.0 (1321)	57.9 (1471)	69.7 (1770)
B	Wheel Base with Load Backrest	Raised		45.0 (1143)	50.9 (1293)	56.8 (1443)	68.6 (1742)
		Lowered		48.1 (1222)	54.0 (1372)	59.9 (1521)	71.7 (1821)
C	Overall Length without Load Backrest	–		59.8 (1519)	65.7 (1669)	71.6 (1819)	83.4 (2118)
C	Overall Length with Load Backrest	–		61.8 (1570)	67.7 (1720)	73.6 (1869)	85.4 (2169)
D	Chassis Length	–		24.4 (620)	24.4 (620)	24.4 (620)	24.4 (620)
OTR (b)	Outside Turning Radius (bumper) without Load Backrest	Raised		49.5 (1257)	55.4 (1407)	61.3 (1557)	73.2 (1859)
		Lowered		52.6 (1336)	58.5 (1486)	64.4 (1636)	76.2 (1935)
OTR (b)	Outside Turning Radius (bumper) with Load Backrest	Raised		51.5 (1308)	57.4 (1458)	63.3 (1608)	75.2 (1910)
		Lowered		54.6 (1387)	60.5 (1537)	66.4 (1687)	78.2 (1986)
OTR (h)	Outside Turning Radius (handle) without Load Backrest	Raised		50.9 (1293)	56.8 (1443)	62.7 (1593)	74.6 (1895)
		Lowered		54.1 (1374)	60.0 (1524)	65.9 (1674)	77.7 (1974)
OTR (h)	Outside Turning Radius (handle) with Load Backrest	Raised		52.9 (1344)	58.8 (1494)	64.7 (1643)	76.6 (1946)
		Lowered		56.1 (1425)	62.0 (1575)	67.9 (1725)	79.7 (2024)
E	Right Angle Stack (aisle) without Load Backrest	Raised		63.2 (1605)	68.0 (1727)	73.0 (1854)	83.5 (2121)
E	Right Angle Stack (aisle) with Load Backrest	Raised		64.9 (1648)	69.7 (1770)	74.6 (1895)	85.2 (2164)
F	Equal Intersecting Aisle without Load Backrest	Raised		53.2 (1351)	56.3 (1430)	59.4 (1509)	65.6 (1666)
F	Equal Intersecting Aisle with Load Backrest	Raised		54.2 (1377)	57.3 (1455)	60.4 (1534)	66.6 (1692)
W	% Grade Clearance ¹	Raised		67%	67%	67%	67%
X	% Grade Clearance ¹	Raised		35%	30%	26%	21%
Y	% Grade Clearance ¹	Raised		33%	33%	33%	33%

¹ Measured to the bottom of a GMA approved pallet on the forks while they are in the raised position.

TRAVEL SPEEDS (USER SELECTABLE PERFORMANCE MODES)

MODE 1			MODE 2			MODE 3		
	No Load	5000 lbs. (2268 kg)		No Load	5000 lbs. (2268 kg)		No Load	5000 lbs. (2268 kg)
	Speed	Speed		Speed	Speed		Speed	Speed
mph	2.6	2.4	mph	3.7	2.8	mph	4.2	2.9
kph	4.2	3.9	kph	6.0	4.5	kph	6.8	4.7

24 Volt SEM Traction Control: 9" x 5" Rubber Drive Tire, Single Poly Load Wheels **Industrial Battery:** 600 lbs. (273 kg); 300 amp-hours

FORK DIMENSIONS

DIMENSION	DESCRIPTION		DIMENSIONS IN INCHES (MILLIMETERS)		
a	Fork Spread	Nominal	18 (460)	22 (560)	27 (670)
		Actual	18.1 (460)	22.0 (560)	26.4 (670)
b	Fork Width	Nominal	7.0 (170)	7.0 (170)	7.0 (170)
		Actual	6.9 (170)	6.9 (170)	6.9 (170)

LIFT / LOWER INFORMATION

24 VOLT			
Lift Time	Sec	No Load	2.0
	Sec	5000 lbs.	3.2
Lowering Time	Sec	No Load	1.8
	Sec	5000 lbs.	1.0

SPECIFICATIONS



TRUCK DIMENSIONS (STANDARD & COOLER/FREEZER CONSTRUCTION)

DIMENSION	DESCRIPTION	FORK POSITION	DIMENSIONS IN INCHES (MILLIMETERS)				
A	Fork Length	Nominal	–	36 (900)	42 (1050)	48 (1200)	60 (1500)
		Actual	–	35.4 (899)	41.3 (1049)	47.2 (1199)	59.0 (1499)
B	Wheel Base without Load Backrest	Raised		41.0 (1040)	46.9 (1190)	52.8 (1340)	64.6 (1640)
		Lowered		44.1 (1120)	50.0 (1270)	55.9 (1420)	67.7 (1720)
B	Wheel Base with Load Backrest	Raised		43.0 (1092)	48.9 (1242)	54.8 (1392)	66.6 (1692)
		Lowered		46.1 (1171)	52.0 (1321)	57.9 (1471)	69.7 (1770)
C	Overall Length without Load Backrest	–		57.8 (1468)	63.7 (1618)	69.6 (1768)	81.4 (2068)
C	Overall Length with Load Backrest	–		59.8 (1518)	65.7 (1669)	71.6 (1819)	71.7 (1821)
D	Chassis Length	–		22.4 (570)	22.4 (570)	22.4 (570)	22.4 (570)
OTR (b)	Outside Turning Radius (bumper) without Load Backrest	Raised		47.5 (1207)	53.4 (1356)	59.3 (1506)	71.2 (1808)
		Lowered		50.6 (1285)	56.5 (1435)	62.4 (1585)	74.2 (1885)
OTR (b)	Outside Turning Radius (bumper) with Load Backrest	Raised		49.5 (1257)	55.4 (1407)	61.3 (1557)	73.2 (1859)
		Lowered		52.6 (1336)	58.5 (1486)	64.4 (1636)	76.2 (1935)
OTR (h)	Outside Turning Radius (handle) without Load Backrest	Raised		48.9 (1243)	54.8 (1393)	60.7 (1623)	72.6 (1843)
		Lowered		52.1 (1323)	58.0 (1473)	63.9 (1623)	75.7 (1923)
OTR (h)	Outside Turning Radius (handle) with Load Backrest	Raised		50.9 (1293)	56.8 (1443)	62.7 (1593)	74.6 (1895)
		Lowered		54.1 (1374)	60.0 (1524)	65.9 (1674)	77.7 (1974)
E	Right Angle Stack (aisle) without Load Backrest	Raised		61.5 (1561)	66.3 (1685)	71.4 (1813)	81.8 (2077)
E	Right Angle Stack (aisle) with Load Backrest	Raised		63.2 (1605)	68.0 (1727)	73.0 (1854)	83.5 (2121)
F	Equal Intersecting Aisle without Load Backrest	–		52.5 (1334)	55.3 (1405)	58.4 (1484)	64.6 (1641)
F	Equal Intersecting Aisle with Load Backrest	–		53.2 (1351)	56.3 (1430)	59.4 (1509)	65.6 (1666)
W	% Grade Clearance ¹	Raised		67%	67%	67%	67%
X	% Grade Clearance ¹	Raised		36%	31%	27%	23%
Y	% Grade Clearance ¹	Raised		33%	33%	33%	33%

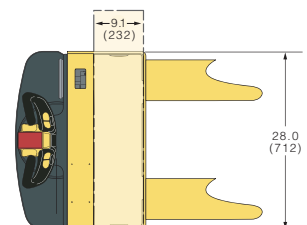
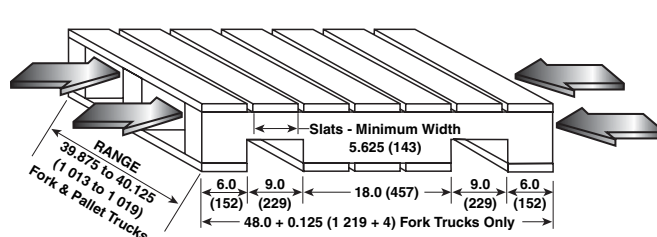
¹ Measured to the bottom of a GMA approved pallet on the forks while they are in the raised position.

BATTERY SPECIFICATIONS AND WEIGHTS

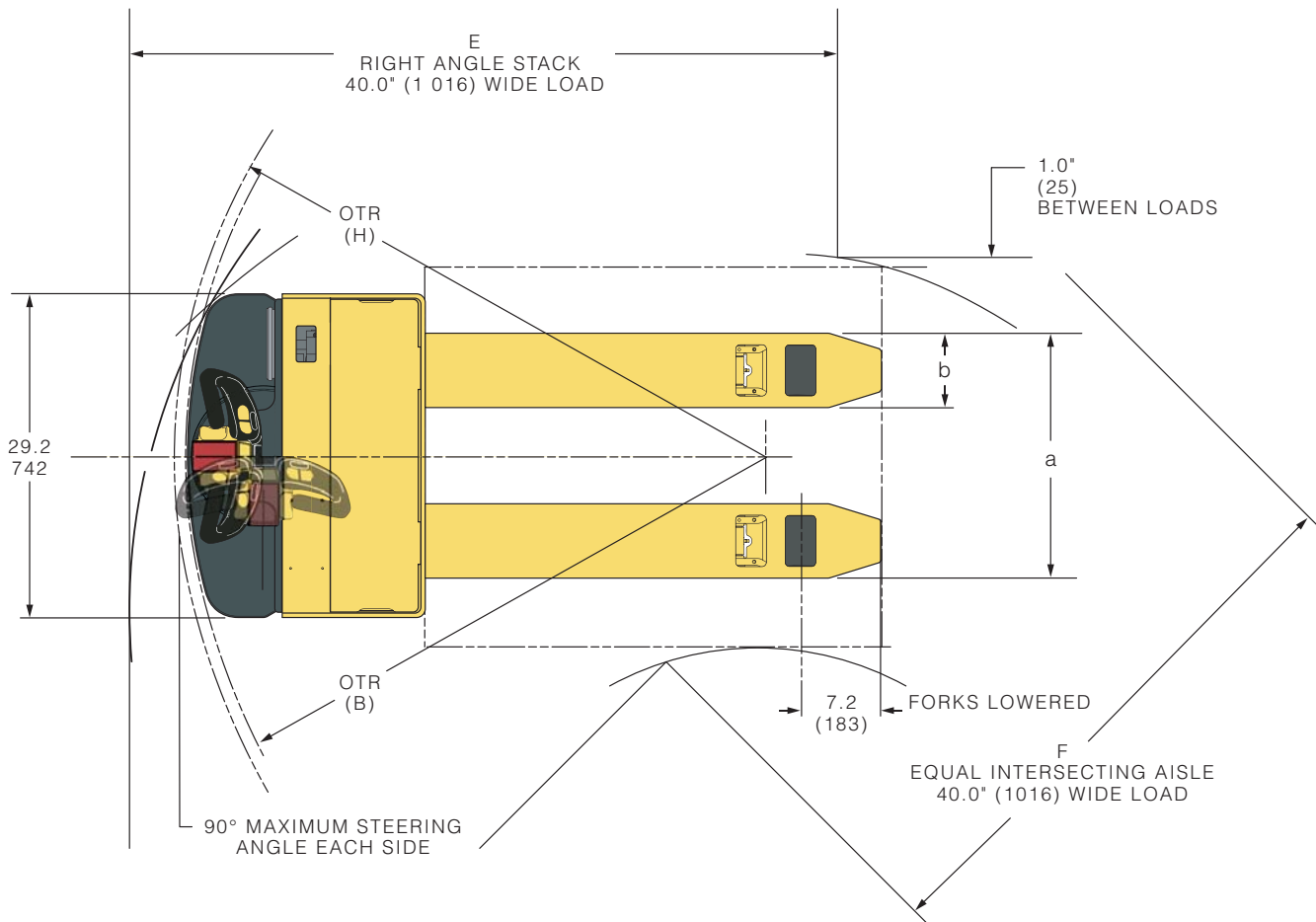
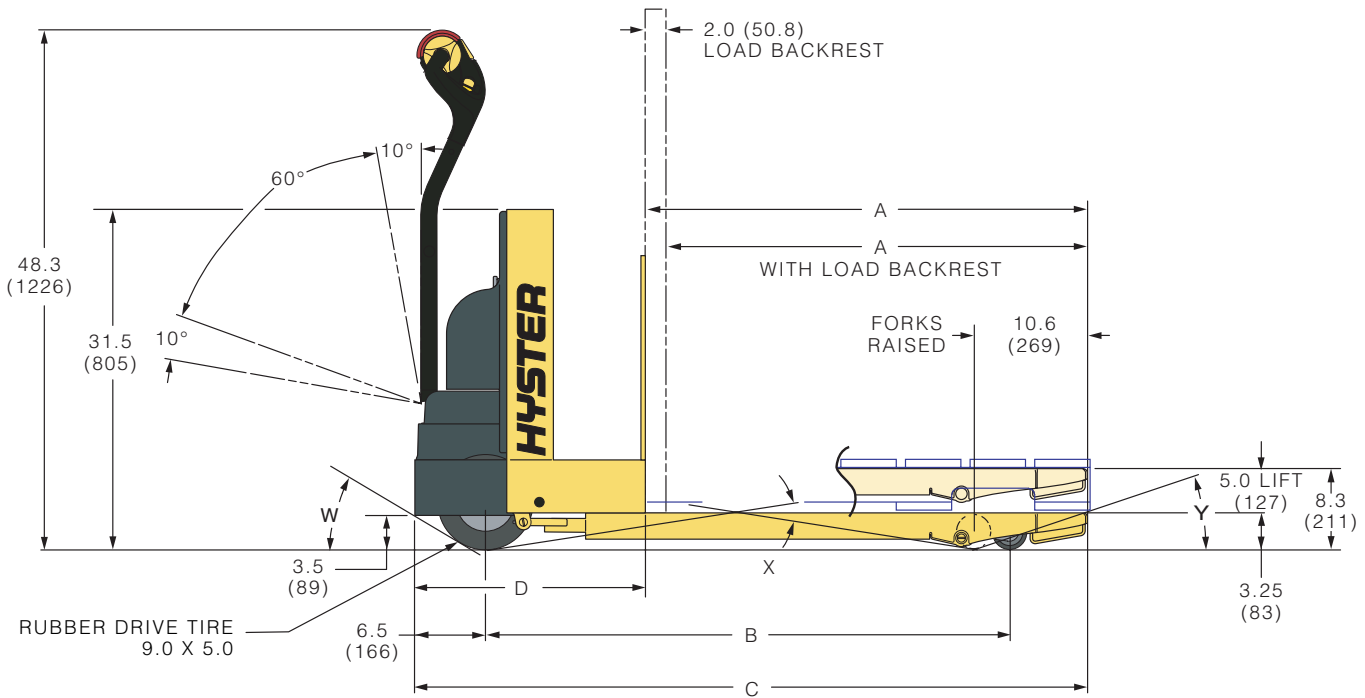
U.S. CUSTOMARY NUMBER OF CELLS	CELL SIZE	PLATES PER CELL	CAPACITY AMP-HOURS	(6 HR RATE) KWH	LENGTH (IN.)	WIDTH (IN.)	HEIGHT (IN.)	NOMINAL WEIGHT (LBS.)
GNB PalletPro® Battery Pack with 25 AMP Charger ▲			195	4.4	27.3	7.5	26.4	375
12	75	7	225	5.2	25.7	8.8	23.3	540
12	85	7	255	6.0	25.7	8.8	23.3	570
12	100	7	300	6.9	25.7	8.8	26.6	610

W50Z Pallet truck uses a 175 Amp Red Connector 20.0" (508 mm), 1/0 gauge leads, B position. Truck weight, total approx. without battery 553 lbs. (251 kg) ▲ GNB PalletPro requires a 1.5" (38.1mm) thick backplate spacer for proper positioning. Battery well 28.0" (712 mm) x 9.1" (232 mm) x open. Battery size is limited by rounded corners of battery compartment. Maximum battery width and length dimensions cannot be used in conjunction with each other. Please contact your local Hyster Dealer for more information and details.

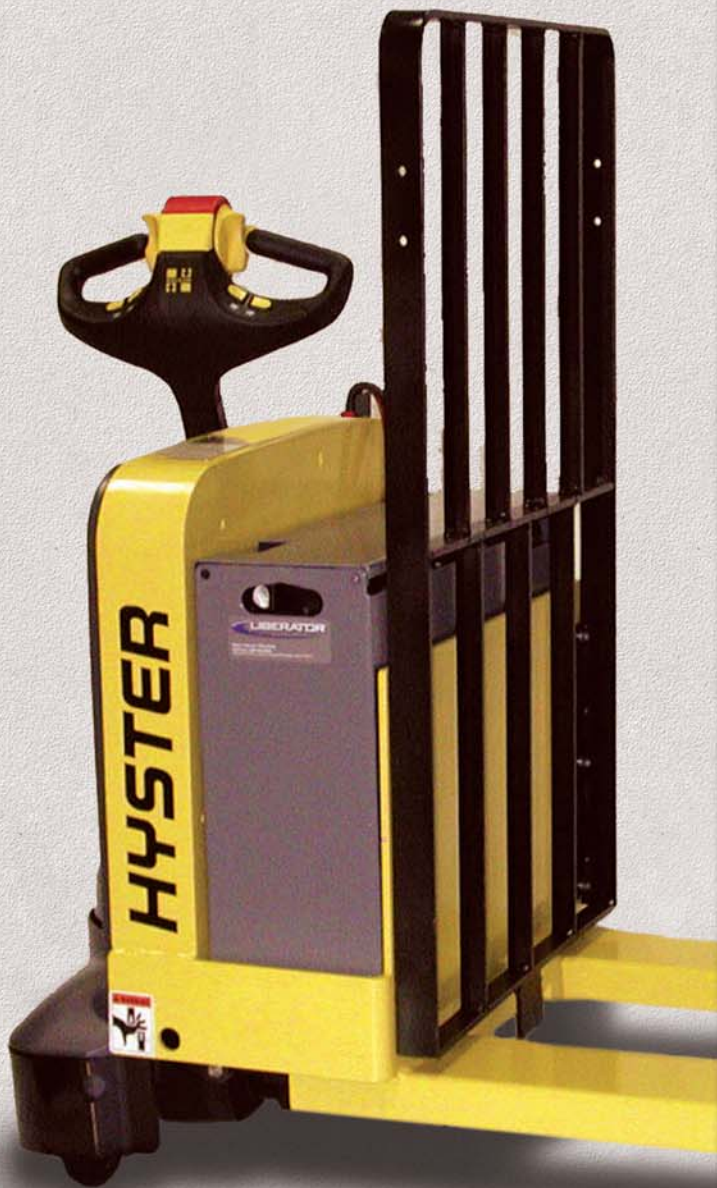
GMA PALLET – STANDARD DIMENSIONS



DIMENSIONS



FEATURES



STANDARD

- 24 Volt
- SEM Transistor Control with Integrated Transistor Lift Pump Control
- 48" Long Forks
- 27" Fork Spread
- Low Battery Lift Interrupt
- Lift Motor Cut-out at Full Height
- Flush Pallet Stop
- Electromagnetic Park Brake with Service Override
- Regenerative Braking
- Press-on Rubber Drive Tire (9" x 5")
- Impact-Resistant, Ergonomically Designed, Bottom Mount Control Handle
- Direction Reversing Switch
- Creep Speed "Turtle" Button
- Three User Selectable Performance Modes
- Standard Operating Temperatures: +32° to +120° F

OPTIONAL

- Fork Lengths**
 - 36" Long Forks
 - 42" Long Forks
 - 60" Long Forks

- Fork Spread**
 - 18" Fork Spread
 - 22" Fork Spread

Note: Fork dimensions listed (length, spread, width) are nominal. See specifications page for actual dimensions.

- Load Backrest**
 - 48" High (Bolt-on)
 - 60" High (Bolt-on)

Application / Environmental Construction

Cooler / Freezer Package
Operating Temperatures:
0° to +120° F

SUBZERO Freezer Package
Operating Temperatures:
- 40° to +120° F

Extreme Corrosion / Wash Down Package
Operating Temperatures:
0° to 120° F

Includes Galvanized Frame, Lift Linkage, Battery Well, Fork Weldment and Sealed Load Wheel Bearings

USDA, EPA Friendly



Trucks shown with optional equipment.



FLEET SERVICES



HYSTER CAPITAL

A Division of NMHG Financial Services, Inc.

It's not just about the lift trucks.

Any company worth its weight knows success has just as much to do with the support before and after the sale as the sale itself. We pride ourselves on being more than just a lift truck manufacturer. Through our Dealer Network, we're also fleet managers, parts suppliers, capital procurement specialists and trainers. You'll find that when it comes to service, there's not much we don't do.

Hyster® Fleet Services

As much as we'd like for your entire fleet to be Hyster, we know that's not always the case. But just because you also operate other brands doesn't mean we can't manage your lift truck maintenance and replacement plan. We can analyze your current fleet or provide a summary of your fleet history and a cost-effective proposal for replacement and scheduled maintenance of all your vehicles. Once this initial review is complete, we'll continue to monitor your fleet to ensure it's performing optimally.

UNISOURCE™ Parts Program

In addition to providing fleet management for a variety of brands, we can also serve as your source of parts for all your lift trucks. With the Hyster UNISOURCE parts and service program, we offer approximately 2 million part number crosses for most brands of materials handling and other in-plant mobile equipment. UNISOURCE also has remanufactured parts that provide the same quality and guarantee but at a lower price. And we can deliver parts to you in less than 24 hours, any day of the week. How's that for convenience?

Rental Products

At Hyster Company, we're always looking for ways to help you keep your productivity up. Through the Hyster Dealer Network, you can access rental equipment for the times when leasing or buying isn't a practical option. Your local Hyster Dealer has access to over 14,000 units that are available for short- or long-term rental. Whether you need one truck to substitute for a vehicle that's being serviced or several lift trucks to accommodate seasonal changes in your business, we'll help you maintain output in a cost-effective manner.

Hyster® Capital

We know that financing new additions to your fleet can sometimes be challenging. That's why your Hyster Dealer has a long list of ways for you to fund your purchase. We are skilled in arranging 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 flexible service and competitive rates, ensuring you receive the value you deserve.

Special Products Engineering Department (SPED)

In a perfect world, every application could be handled with a standard lift truck. However, in the real world, different materials require different handling. That's why Hyster Company's Special Products Engineering Department works with you to customize* your lift trucks. From strobe lights to specially made forks, SPED can provide you with the tools you require to get the job done right.

* May be subject to an additional charge. Contact your local Authorized Hyster Dealer for more information.

Automated Warehouse Solutions

As society's technological capabilities advance, we strive to find practical applications. One of our most recent innovations in that pursuit is our development of automated warehouse solutions. We can help you determine if your operation would benefit from this type of system, which improves inventory accuracy, warehouse productivity and safety records, as it reduces maintenance and overtime.

Operator and Service Training

Hyster Company recognizes that proper training is a key element of a profitable company. That's why your local Authorized Hyster Dealer offers a training program for your lift truck operators as well as those who maintain your vehicles. Proper education in running and servicing lift trucks cuts down on the number of repairs and risk of injuries due to accidents while increasing productivity. All of our trainers are professionals with experience in materials handling.



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Part No. W50Z/BTG
1/2006 Litho in U.S.A.

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

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