



**Walkie Pallet Truck**

**W60Z** Series



Hyster Company invites you to experience our evolutionary W60Z Walkie pallet truck. For over 70 years, Hyster Company has been building lift trucks as tough as your business, and our new W60Z pallet truck is no exception.

This new 6,000 lb. capacity walkie pallet truck delivers excellent maneuverability, superior travel speeds and the versatility your operations require. The W60Z truck's newly restyled bottom mounted control handle affords you increased comfort and control for your busy work areas, crowded docks and trailers.

What's more, every W60Z Walkie pallet truck uses proven Separately Excited Motor (SEM) transistor technology, giving you the advantage of programmability, with the optional handset. SEM also saves you money by simplifying the W60Z Walkie's maintenance needs, by reducing parts. In addition, you get the added benefits associated with regenerative braking which include a significant increase in traction motor brush life and its corresponding lower maintenance costs. It also increases the traction motor's torque range providing increased travel speeds, bolstering your operation's productivity capabilities.

Can your operations use a versatile, operator oriented workmate as a building block for your fully integrated materials handling system? If so, let the industry leader, Hyster Company, show you the way to higher productivity.



The W60Z truck's restyled bottom-mounted handle conveniently provides you control of all functions with either hand, including the horn. Its angle handgrips and bulbous head provide when-you-need-it protection for your fingers and knuckles. Also, its raised lift/lower buttons afford intuitive fingertip operation. The handle's traction reversing switch (belly switch) wraps the end of the handle, enabling actuation throughout its full range of pivot.



The W60Z forks feature box-rail construction for increased strength and rigidity, throughout its full 6-inches of lift height. Adjustable two-piece heavy-duty pull rod assembly with replaceable threaded ends allow compensation as load wheels wear. Knock-out axles facilitate easy wheel replacement.

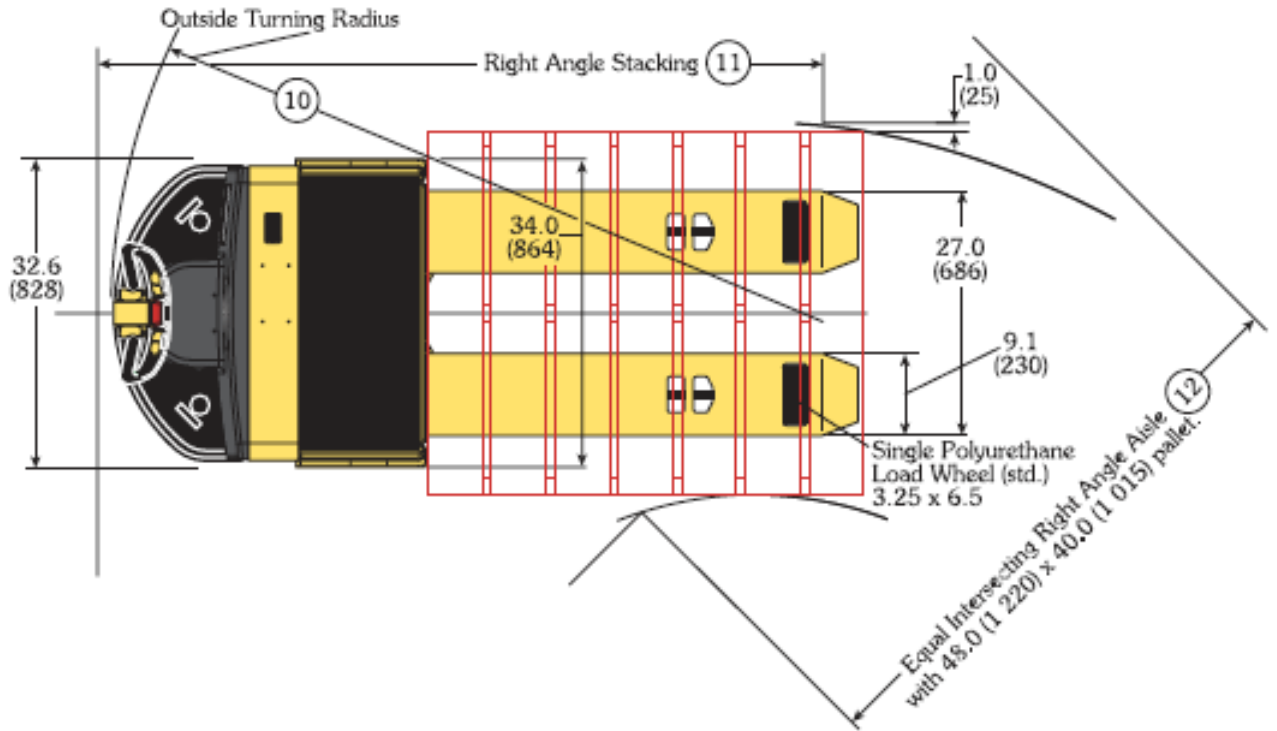
Proven SEM technology and its advanced transistor controller and transistor hydraulics (standard) dramatically increase the W60Z Walkie pallet truck's energy efficiency. Which adds up to fewer battery replacements over the life of your Hyster walkie. And your operators will love the W60Z Walkie's enhanced transistor control system that gives smooth stepless acceleration, increased torque range, and regenerative braking. All of which lengthens brush motor life. SEM also permits the elimination of the 'extra' contactors, simplifying your truck's service needs. In addition, the current sensing feature of the transistor hydraulic's solid state control gives you end-of-stroke sensing with automatic motor shut down, lengthening motor life. All this gives you unmatched reliability, enhanced truck performance with less energy consumption, saving you time and money.

No more dents or cracks. The W60Z truck's resilient, high impact thermoplastic cover is tough enough to handle the rigors of your daily operations. The cover also uses spring clips instead of screws, so removal is a snap. And its low front bumper clearance (3.6 inches) prevents riding over pallets.



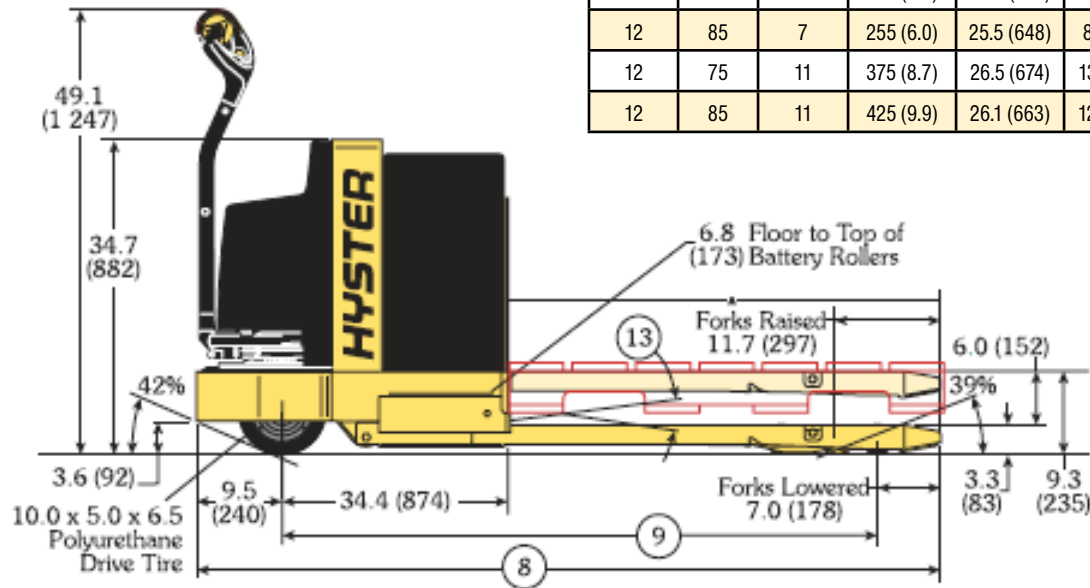
Optional display unit gives you battery state of charge, lift interrupt indication and status codes on an eight character LED screen.

# DIMENSIONS



## BATTERY SIZE INFORMATION

Number Cells	Cell Size	Plates Per Cell	Capacity Ah (Kwh)	Length in. (mm)	Width in. (mm)	Height in. (mm)	Weight lbs. (kg)
12	75	7	225 (5.2)	25.6 (651)	8.8 (224)	23.3 (592)	536 (243)
12	85	7	255 (6.0)	25.5 (648)	8.6 (219)	23.3 (592)	590 (269)
12	75	11	375 (8.7)	26.5 (674)	13.0 (331)	23.3 (592)	825 (374)
12	85	11	425 (9.9)	26.1 (663)	12.8 (326)	23.3 (592)	865 (392)



Circled dimensions correspond to the line numbers on the tabulated chart inside the Technical Guide. Dimensions are in inches (millimeters).

GENERAL	1	Manufacturer	Hyster Company	Hyster Company	Hyster Company
	2	Model	W60Z	W60Z	W60Z
	3	Capacity, rated	6,000 (2 700)	6,000 (2 700)	6,000 (2 700)
	4	Voltage	24	24	24
DIMENSIONS	5	Nominal fork length	36.0 (915)	42.0 (1 067)	48.0 (1 219)
	6	Width across forks	27.0 (685)	27.0 (685)	27.0 (685)
	7	Chassis length, with 13.4" battery compartment	34.4 (874)	34.4 (874)	34.4 (874)
	8	Overall length, with 13.4" battery compartment	70.2 (1 783)	76.2 (1 935)	82.2 (2 087)
	9	Wheelbase, lowered with 13.4" battery compartment	53.8 (1 367)	59.8 (1 519)	65.8 (1 670)
		Wheelbase, raised with 13.4" battery compartment	49.1 (1 247)	55.1 (1 400)	61.1 (1 551)
	10	Turning radius, lowered, with 13.4" battery compartment	63.2 (1 605)	69.2 (1 758)	75.2 (1 910)
		Turning radius, raised, with 13.4" battery compartment	58.5 (1 485)	64.5 (1 638)	70.5 (1 790)
	11	Right angle aisle stack, 13.4" batt. comp. w/ 40"x 48" pallet	71.2 (1 808)	76.6 (1 946)	82.1 (2 096)
	12	Equal intersecting aisle, 13.4" batt. comp. w/ 40.0" wide pallet	56.5 (1 435)	59.8 (1 519)	62.9 (1 596)
	13	Grade clearance, center wheelbase, raised with pallet	39	34	31
		Grade clearance, forks first, raised with pallet	39	39	39
		Grade clearance, chassis first, raised with pallet	42	42	42
14	Overall lift height (TOF)	9.3 (236)	9.3 (236)	9.3 (236)	
15	Overall fork lifting height	6.0 (154)	6.0 (154)	6.0 (154)	
BATTERY	16	Battery compartment size, 13.4" batt. compartment (L x W x H)*	32.0 x 13.4 x 31.0	32.0 x 13.4 x 31.0	32.0 x 13.4 x 31.0
			(812 x 340 x 787)	(812 x 340 x 787)	(812 x 340 x 787)
	18	Battery weight, 13.4" batt. compartment, 24-Volt - minimum	536 (243)	536 (243)	536 (243)
	Battery weight, 13.4" batt. compartment, 24-Volt - maximum	865 (392)	865 (392)	865 (392)	
PERF.	19	Travel speed, NL / RL mph	3.7 (6.0) / 2.6 (4.2)	3.7 (6.0) / 2.6 (4.2)	3.7 (6.0) / 2.6 (4.2)
	20	Lift / lower speed, w/ 13.4" batt. compartment, 24-Volt NL	3.7 / 3.0	3.7 / 3.0	3.7 / 3.0
		Lift / lower speed, w/ 13.4" batt. compartment, 24-Volt RL	4.7 / 1.8	4.7 / 1.8	4.7 / 1.8
WHEELS	21	Drive tire size (Rubber)	10.0 x 5.0 x 6.5	10.0 x 5.0 x 6.5	10.0 x 5.0 x 6.5
	22	Load wheel size, Single (Polyurethane)	3.25 x 6.5	3.25 x 6.5	3.25 x 6.5
	23	Weight, total approx. with 13.4" batt. compartment w/o battery	987 (448)	1,007 (457)	1,022 (464)

\* Length is measured side to side of truck. Width is measured front to back on the truck.

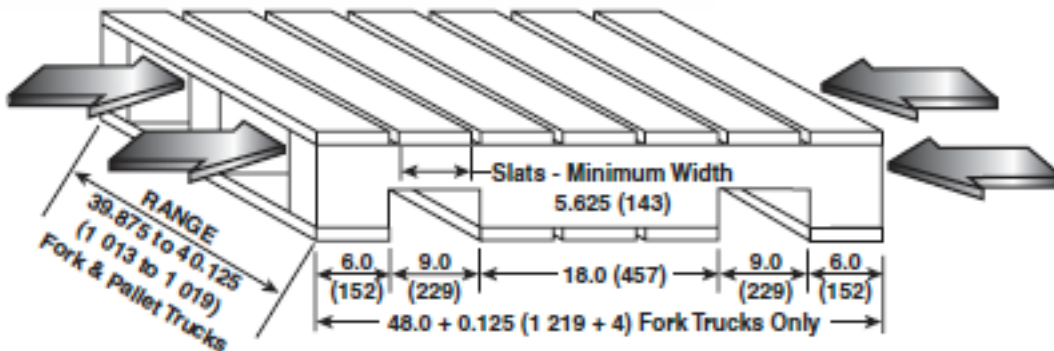
W60Z Pallet Trucks use SB175 Red connector - 16.0" (406 mm) 1/0 gauge leads, B position.

Number of plates for the industrial battery is 7 to 11, depending on the Amp Hour rating chosen.

Maximum battery height with optional Load Backrest Extension (LBE) and battery rollers is 23.3" (592 mm).

The W60Z Walkie pallet truck can utilize a battery with a maximum Amp hour capacity of 510 Ah (11.9 kw).

## GMA Pallet: Standard Dimensions



CERTIFICATION: These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1969, as required by OSHA Section 1910.178(a)(2) and also comply with Part III ANSI B56.1-revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

† NOTE: Performance specifications / ratings are for truck equipped as described under Standard Equipment in this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company Dealer.



## STANDARD EQUIPMENT

- 24 Volt
- SEM traction controller
- Low battery lift interrupt
- Lift motor cut-out at full height
- 13.4" Battery Compartment
- Flush pallet stop
- 48" Forks
- Electronic horn
- Regenerative braking
- Electromagnetic park brake
- 27" width across forks
- SB 175 Red battery connector
- 3.25" Lowered fork height with 6.0" lift height
- Key switch
- Traction reversing switch
- Knock-out load wheel axles
- Heavy-duty pull rods with replaceable threaded ends
- Single polyurethane load wheels
- 10.0" x 5.0" Rubber drive tire
- Butterfly-type accelerator control
- Bottom mounted control handle
- Operator's manual
- U.L. Classification E.

## OPTIONAL EQUIPMENT

- Fork Lengths
  - 36" Forks
  - 42" Forks
- Application/Environmental Construction
  - Cooler/Freezer Package  
Operating Temperatures: 0° F to +120° F
  - Subzero Freezer Package  
Operating Temperatures: -40° F to +120° F
- Load Wheels
  - Single and Dual
  - 2 Bearing and 4 Bearing
  - Standard Bearing and SEALED Bearing
- 10.0" x 5.0" Polyurethane Drive Tire
- Battery Discharge Indicator with Hour Meter and Status Codes
- Load Backrest
  - 48" High
  - 60" High
- Convenience Tray (Load Backrest Mounted or Battery Mounted)
- Battery Rollers
- 9.0" Battery Compartment
- Stabilizers

## 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, we do it all.

## 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 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 better 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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