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When was the last time you felt great about a capital purchase?

You will, the first time you operate the new **W80Z Walkie Pallet Truck**. It's designed to fit into those tight spaces. You know the ones where you place everything you didn't need right then, but you need it now . . . **Infused with the integrity** of over 70 years of materials handling manufacturing expertise, this new Walkie Pallet Truck has what it takes to move your operations productivity to the next level. And as the lift truck industry's only full line **ISO-9001 certified lift truck manufacturer** in the world, quality is built-in . . . guaranteed.



The W80Z Pallet Truck shown is equipped with the optional load backrest extension and convenience tray for pick tickets, a roll of tape, pens, even a bar-code scanner.



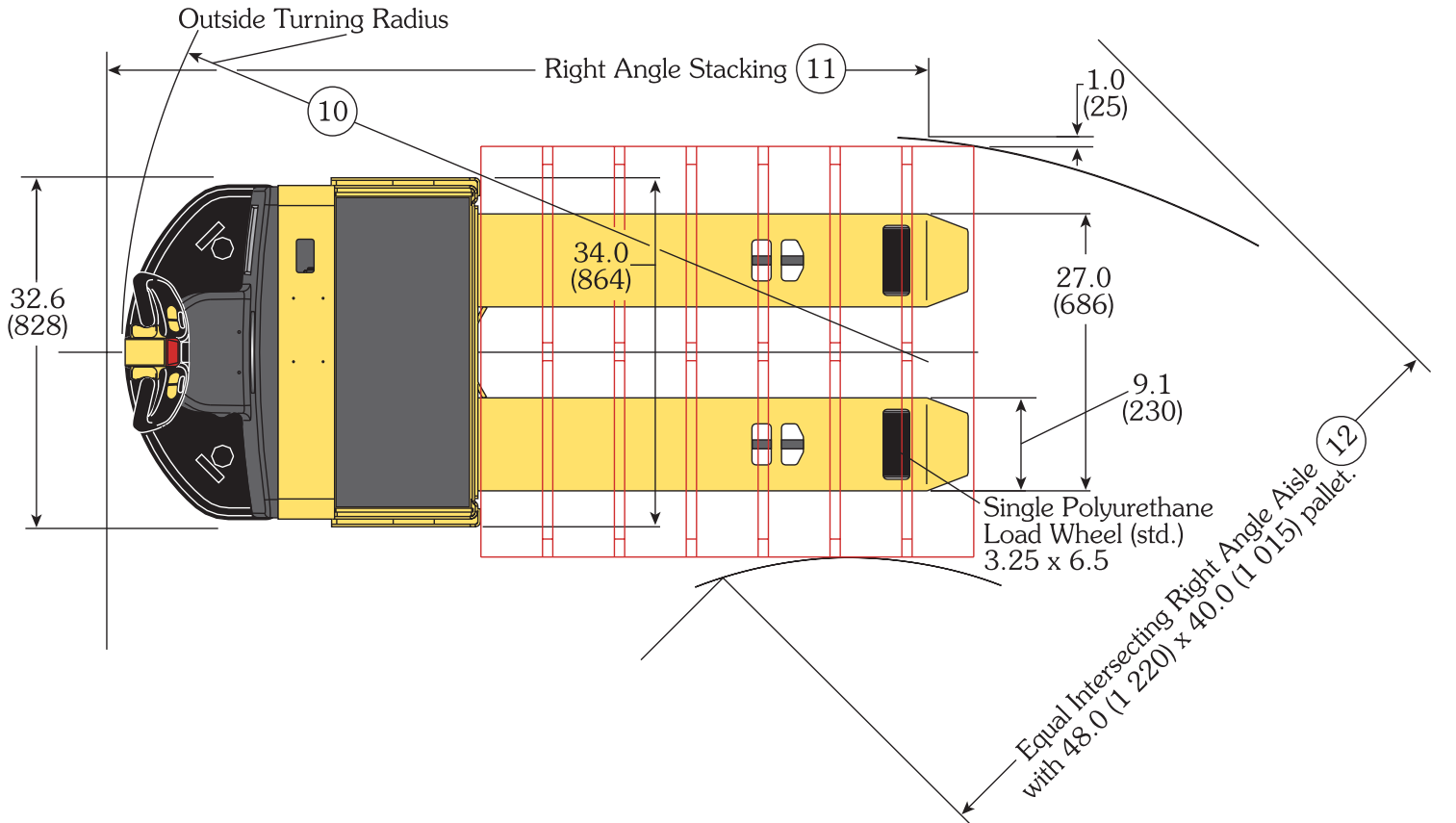
The SEM transistor controller's current sensing feature provides you end-of-lift-stroke sensing with automatic motor shut down, lengthening motor life.

What's most important to you?

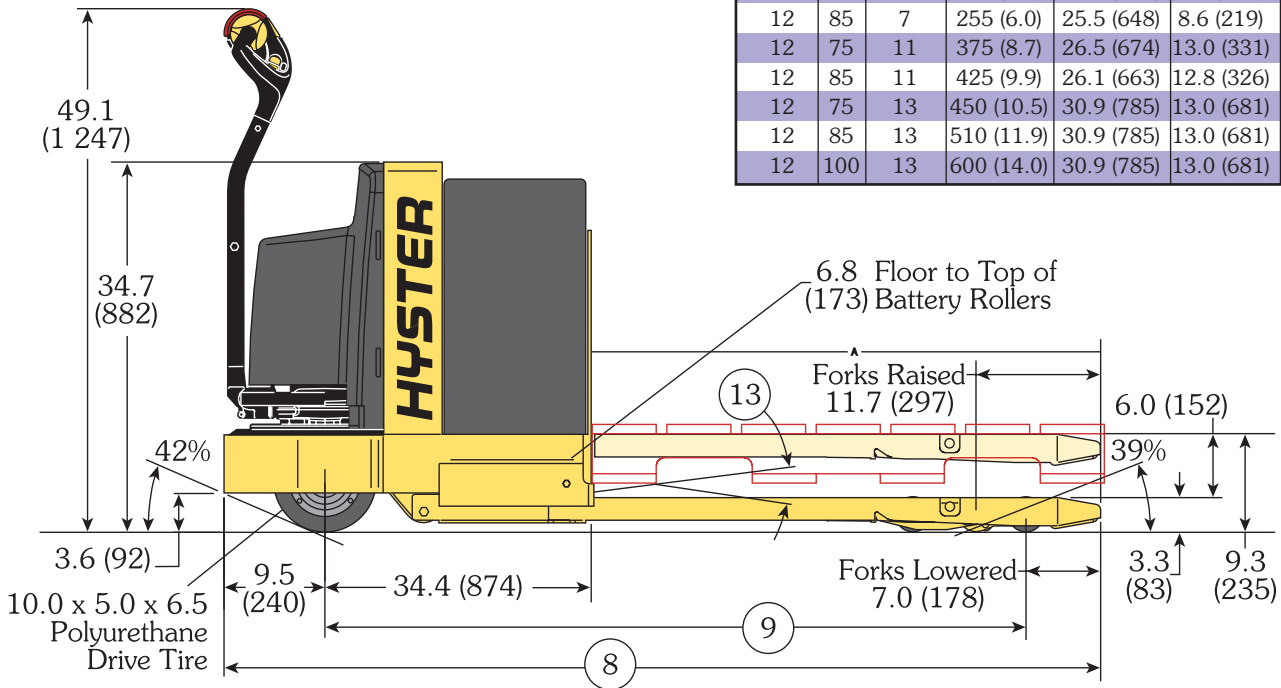
The W80Z Walkie truck's **energy efficient**, Separately Excited Motor (SEM) transistor controlled 24-volt system of the W80Z Walkie gives you the endurance to get the job done, and then some. SEM technology allows us to provide you a Walkie pallet truck with fewer parts to **minimize downtime** and service needs. It also affords you **regenerative braking** capabilities, significantly increasing SEM motor brush life. In addition, the SEM systems solid-state controller **appreciably improves torque and loaded travel speed** throughout the W80Z truck's range of operation, increasing productivity. And if you have a harsh environment, you'll love our **optional Cooler/Freezer, SUBZERO or Extreme Corrosion/Wash Down packages**.



W80Z Walkie Pallet Truck 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)
12	75	13	450 (10.5)	30.9 (785)	13.0 (681)	23.3 (592)	987 (448)
12	85	13	510 (11.9)	30.9 (785)	13.0 (681)	23.3 (592)	1,035 (469)
12	100	13	600 (14.0)	30.9 (785)	13.0 (681)	26.2 (665)	1,140 (517)



Circled dimensions correspond to the line numbers on the tabulated charts. Dimensions are in inches (millimeters).



W80Z Walkie Pallet Truck Specifications

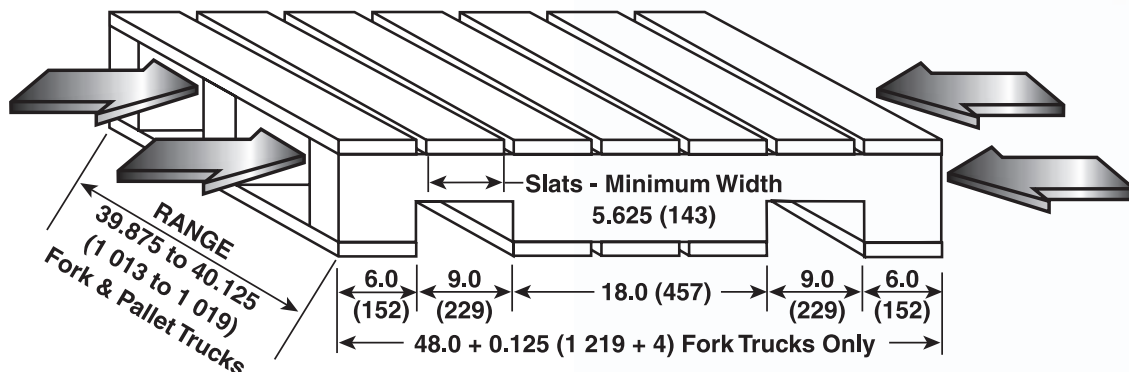
GENERAL		Hyster Company	Hyster Company	Hyster Company
1	Manufacturer	Hyster Company	Hyster Company	Hyster Company
2	Model	W80Z	W80Z	W80Z
3	Capacity, rated lb. (kg)	8,000 (3 628)	8,000 (3 628)	8,000 (3 628)
4	Voltage	24	24	24
DIMENSIONS				
5	Nominal fork length in. (mm)	36.0 (915)	42.0 (1 067)	48.0 (1 219)
6	Width across forks in. (mm)	27.0 (685)	27.0 (685)	27.0 (685)
7	Chassis length, with 13.4" battery compartment in. (mm)	34.4 (874)	34.4 (874)	34.4 (874)
8	Overall length, with 13.4" battery compartment in. (mm)	70.2 (1 783)	76.2 (1 935)	82.2 (2 087)
9	Wheelbase, lowered with 13.4" battery compartment in. (mm)	53.8 (1 367)	59.8 (1 519)	65.8 (1 670)
	Wheelbase, raised with 13.4" battery compartment in. (mm)	49.1 (1 247)	55.1 (1 400)	61.1 (1 551)
10	Turning radius, lowered, with 13.4" battery compartment in. (mm)	63.2 (1 605)	69.2 (1 758)	75.2 (1 910)
	Turning radius, raised, with 13.4" battery compartment in. (mm)	58.5 (1 485)	64.5 (1 638)	70.5 (1 790)
11	Right angle aisle, 13.4" batt. comp. w/ 40"x 48" pallet in. (mm)	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 in. (mm)	56.5 (1 435)	59.8 (1 519)	62.9 (1 596)
	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) in. (mm)	9.3 (236)	9.3 (236)	9.3 (236)
15	Overall fork lifting height in. (mm)	6.0 (154)	6.0 (154)	6.0 (154)
BATTERY				
16	Battery compartment size, 13.4" batt. compartment (L x W x H)* in.	32.0 x 13.4 x 31.0	32.0 x 13.4 x 31.0	32.0 x 13.4 x 31.0
	Battery compartment size, 13.4" batt. compartment (L x W x H)* (mm)	(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 lb. (kg)	536 (243)	536 (243)	536 (227)
	Battery weight, 13.4" batt. compartment, 24-Volt - maximum lb. (kg)	1,140 (517)	1,140 (517)	1,140 (517)
PERF †				
19	Travel speed, NL / RL mph (km/h)	3.6 (5.8) / 2.4 (3.9)	3.6 (5.8) / 2.4 (3.9)	3.6 (5.8) / 2.4 (3.9)
20	Lift / lower speed, w/ 13.4" batt. compartment, 24-Volt NL seconds	3.7 / 5.9	3.7 / 5.9	3.7 / 5.9
	Lift / lower speed, w/ 13.4" batt. compartment, 24-Volt RL seconds	5.4 / 3.2	5.4 / 3.2	5.4 / 3.2
WHL				
21	Drive tire size (Polyurethane) in.	10.0 x 5.0	10.0 x 5.0	10.0 x 5.0
22	Load wheel size, Single (Polyurethane) in.	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 lb. (kg)	1,006 (456)	1,033 (468)	1,060 (480)
<p>* Length is measured side to side of truck. Width is measured front to back on the truck. W80Z Pallet Trucks use 175 Amp Red connector - 16.0" (406 mm) 1/0 gauge leads, B position. Number of plates for the industrial battery is 7 to 13, depending on the Amp Hour rating chosen. Maximum battery height with optional Load Backrest Extension (LBE) and battery rollers is up to 31.0" (787mm). The W80Z Walkie pallet truck can utilize a battery with a maximum battery Amp hours of 600 Ah (14.0 kw).</p>				

Certification: These Hyster lift trucks meet design specifications of Part II ANSI B56.1-1993, 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 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. If these specifications are critical, the proposed application should be discussed with your dealers.

Optional load wheels affect outside turning radius and right angle stacking aisles. Contact your dealer if these dimensions are critical.

GMA Pallet - Standard Dimensions



Efficient load handling.

Designed to maximize your operation's low-level order picking and palletized load handling capabilities, the new W80Z truck's **pallet entry/exit system** with exit rollers allows you to get into and out of loads quicker and easier. Built with

box-rail construction, the W80Z forks provide

you ample strength and rigidity throughout its **full**

6-inches of lift height. Best of all, the

adjustable 2-piece heavy-duty pull rod assembly

utilizes replaceable threaded ends, allowing you to compensate for load wheel wear. Knock-out axles simplify load wheel replacement, helping to **maximize your uptime**.



The W80Z truck's restyled bottom-mounted handle provides you fingertip control of all functions, with either hand. You'll love the new optional Creep Speed "Turtle" button (brake override), located just below the red direction reversing switch that wraps the end of the handle. It allows you to move the truck with the handle in its full-upright position, to get you into and out of tight spots.



The W80Z Walkie Pallet Truck is shown equipped with the optional display that gives you battery state of charge, truck hours, lift interrupt warning and status codes on an eight character LCD screen.

RAISING THE STANDARDS.



Standard equipment includes:

- 24 Volt • SEM traction controller • Low battery lift interrupt • Lift motor cut-out at full height • 13.4" Battery Compartment
- Flush pallet stop • 48.0" Forks • Electronic horn • Regenerative braking • Electromagnetic park brake • 27.0" width across forks
- 175 Amp Red battery connector • 3.25" lowered fork height with 6.0" lift height • Key switch • Direction reverse switch
- Knock-out load wheel axles • Heavy-duty pull rods with replaceable threaded ends • Single polyurethane load wheels
- 10.0" x 5.0" Polyurethane drive tire • Butterfly-type accelerator control • Bottom mounted control handle • Operator's manual
- U.L. Classification E.





Hyster Company

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Part No. W80Z/BTG

2/2006 Litho in U.S.A.

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