



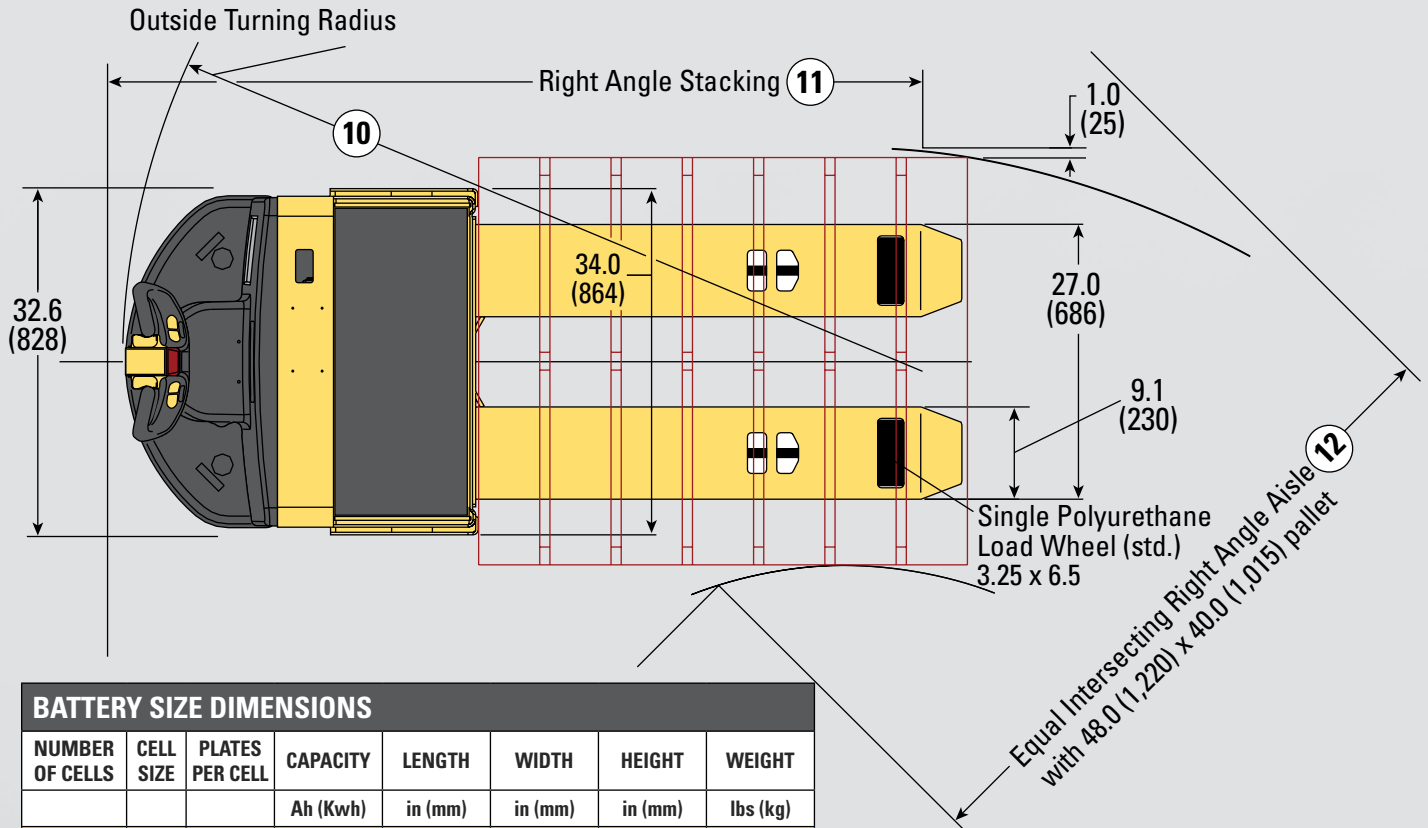
**STRONG PARTNERS.  
TOUGH TRUCKS.™**



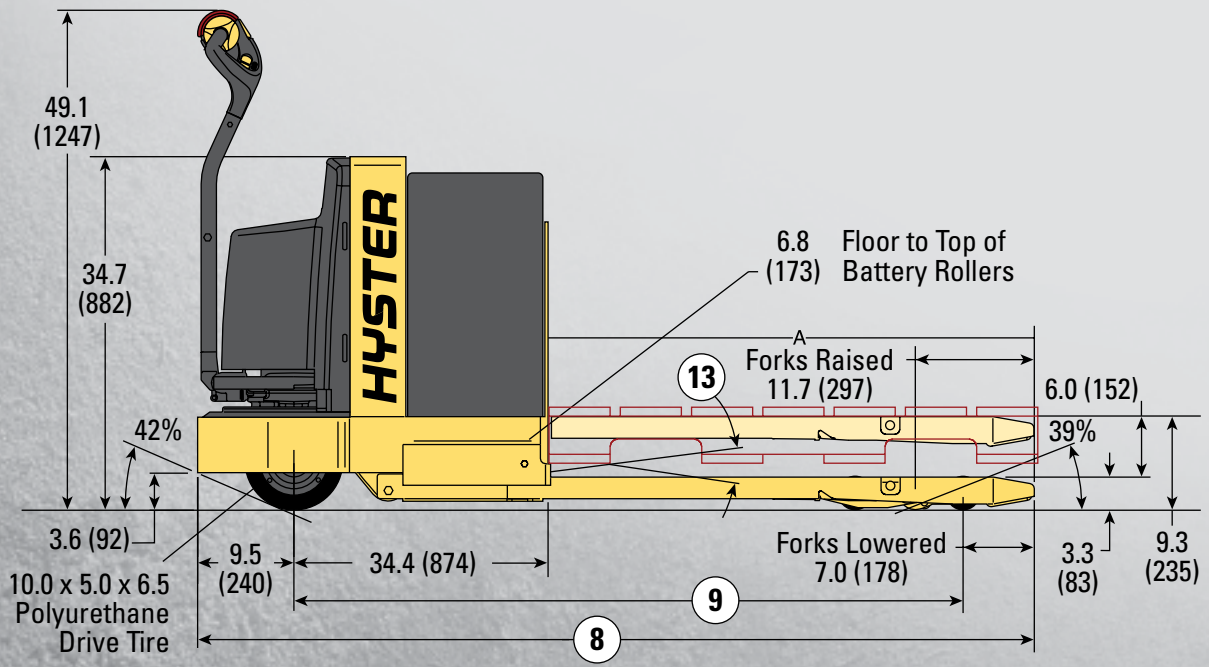
## W80Z SERIES TECHNICAL GUIDE

[WWW.HYSTER.COM](http://WWW.HYSTER.COM)

# W80Z DIMENSIONS



BATTERY SIZE DIMENSIONS							
NUMBER OF CELLS	CELL SIZE	PLATES PER CELL	CAPACITY	LENGTH	WIDTH	HEIGHT	WEIGHT
			Ah (Kwh)	in (mm)	in (mm)	in (mm)	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 (330)	23.3 (592)	987 (448)
12	85	13	510 (11.9)	30.9 (785)	13.0 (330)	23.3 (592)	1,035 (469)
12	100	13	600 (14.0)	30.9 (785)	13.0 (330)	26.2 (665)	1,140 (517)



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

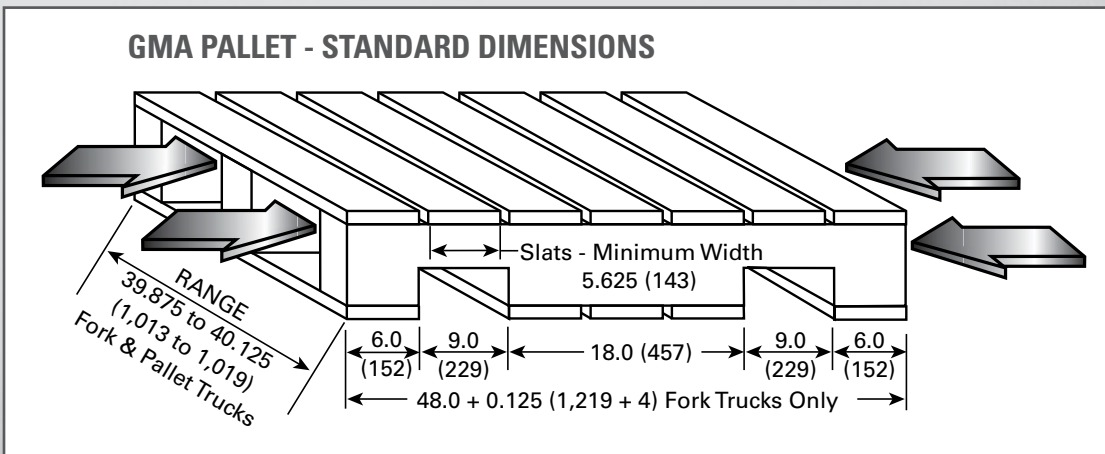
GENERAL		Hyster Company			
1	Manufacturer	Hyster Company			
2	Model	W80Z			
3	Capacity, rated	lb (kg)	8,000 (3 628)		
4	Voltage	24			
DIMENSIONS					
5	Nominal fork length	in (mm)	36.0 (915)	42.0 (1 067)	48.0 (1 219)
6	Width across forks	in (mm)	27.0 (685)		
7	Chassis length, with 13.4" battery compartment	in (mm)	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)
13	Grade clearance, center wheelbase, raised with pallet	%	39	34	31
	Grade clearance, forks first, raised with pallet	%	39		
	Grade clearance, chassis first, raised with pallet	%	42		
14	Overall lift height (TOF)	in (mm)	9.3 (236)		
15	Overall fork lifting height	in (mm)	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		
	Battery compartment size, 13.4" batt. compartment (L x W x H)*	(mm)	(812 x 340 x 787)		
18	Battery weight, 13.4" batt. compartment, 24-Volt - minimum	lb (kg)	536 (243)		
	Battery weight, 13.4" batt. compartment, 24-Volt - maximum	lb (kg)	1,140 (517)		
PERF.					
19	Travel speed, NL / RL	mph (km/h)	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		
	Lift / lower speed, w/ 13.4" batt. compartment, 24-Volt RL	seconds	5.4 / 3.2		
WHL					
21	Drive tire size (Polyurethane)	in	10.0 x 5.0		
22	Load wheel size, Single (Polyurethane)	in	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)

\* 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).

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the 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.

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








Hyster Company  
P.O. Box 7006  
Greenville, North Carolina  
27835-7006  
Part No. W80Z/TG  
12/2016 Litho in U.S.A.

Visit us online at [www.hyster.com](http://www.hyster.com) or call us at **1-800-HYSTER-1**.

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