

W25-40ZC SPECIFICATIONS

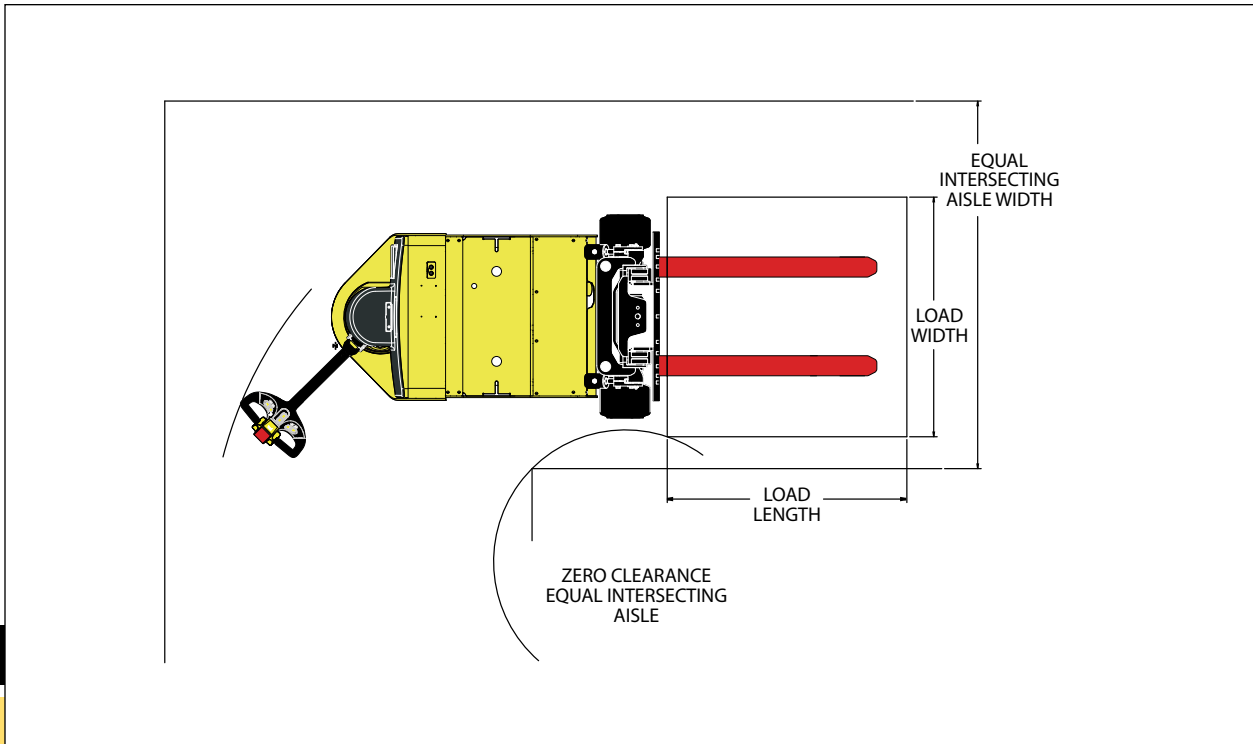
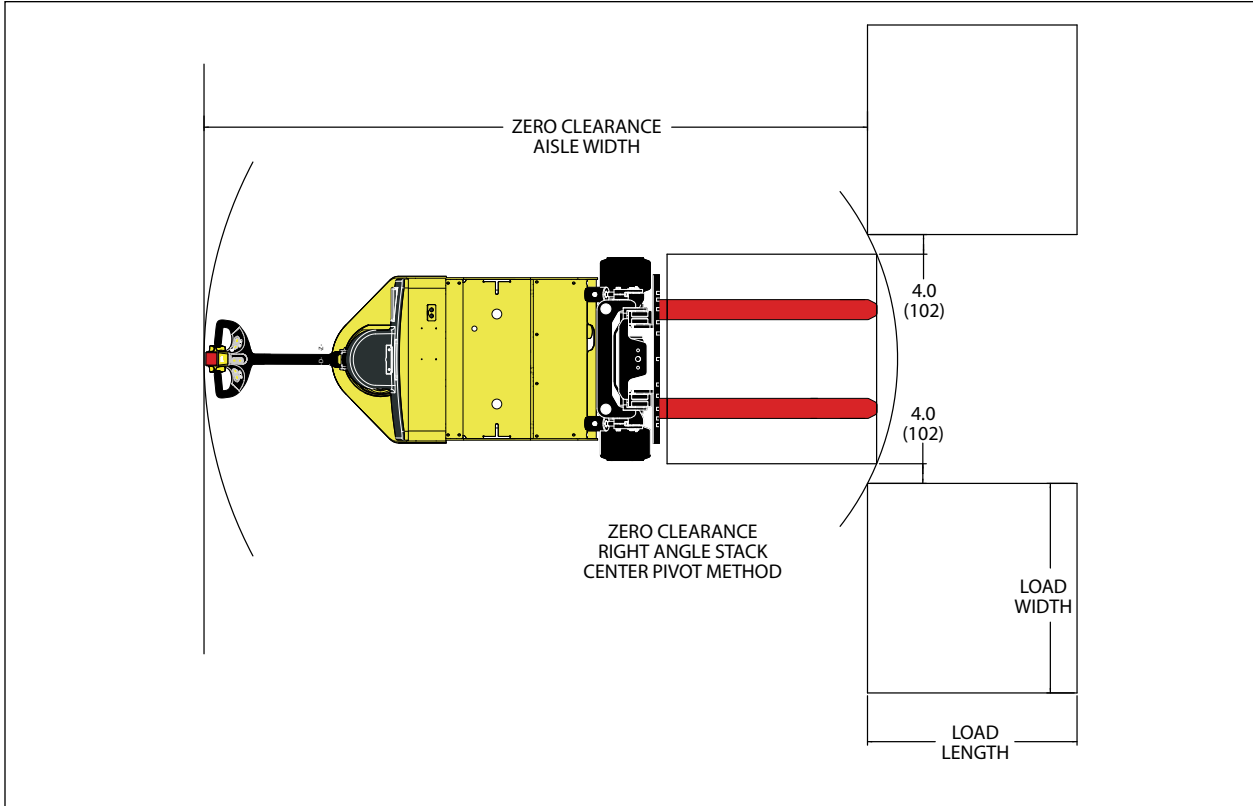


			Hyster Company	Hyster Company	Hyster Company
GENERAL	1	Manufacturer		Hyster Company	Hyster Company
	2	Model		W25ZC	W30ZC
	3	Capacity, rated		2,500 (1,130)	3,000 (1,360)
	4	Load center		24 (610)	24 (610)
	5	Power type		24V - Electric	24V - Electric
	6	Operator type		Pedestrian	Pedestrian
	7	Tire type, cushion, solid, pneumatic, etc.		Cushion	Cushion
	8	Wheels, drive / load		1 / 2	1 / 2
DIMENSIONS	10	2-stg. limited free lift (LFL) (TOF)	in. (mm)	126.0 (3,200)	126.0 (3,200)
	11	Standard Free-lift (TOF)	in. (mm)	6.0 (152)	6.0 (152)
	12	Maximum Carriage Width	in. (mm)	33.7 (857)	33.7 (857)
	13	Forks, width / thickness / length	in. (mm)	4.0 (100) / 1.5 (40) / 42.0 (1,067)	4.0 (100) / 1.5 (40) / 42.0 (1,067)
	14	Fork Spread (Outside Dimensions)	in. (mm)	30.4 (773)	30.4 (773)
	15	Tilt of Mast - Backward / Forward	degrees	5 / 4	5 / 4
	16	Length to face of forks	in. (mm)	67.3 (1,709)	72.3 (1,836)
	17	Overall Width (Standard Tires)	in. (mm)	38.3 (973)	38.3 (973)
	18	Lowered Overall Height (LOH)	in. (mm)	83.0 (2,108)	83.0 (2,108)
	19	Maximum Fork Height (MFH)	in. (mm)	126.0 (3,200)	126.0 (3,200)
	21	Turning radius, minimum outside	in. (mm)	58.7 (1,492)	63.7 (1,619)
	22	Overhang, C/L of load wheel to face of forks	in. (mm)	8.4 (214)	8.4 (214)
	23	90° stack aisle	in. (mm)	SEE CHART	SEE CHART
	24	Equal Intersecting Aisle	in. (mm)	SEE CHART	SEE CHART
		Stability (Comply with ANSI?) *		Yes	Yes
	PERFORMANCE	25	Travel speed, No Load	mph (km/h)	3.5 (5.6)
		Travel speed, Rated Load	mph (km/h)	3.4 (5.5)	3.3 (5.3)
26		Lift speed, Std. No Load	ft/min (m/s)	36.0 (0.18)	36.0 (0.18)
		Lift speed, Std. Rated Load	ft/min (m/s)	28.0 (0.14)	26.0 (0.13)
27		Lowering speed, Std. No Load	ft/min (m/s)	60.0 (0.30)	60.0 (0.30)
		Lowering speed, Std. Rated Load	ft/min (m/s)	70.0 (0.35)	74.0 (0.37)
WT.	29	Gradeability	%	10.00	10.00
WHEELS & TIRES	31	Total approximate weight without battery	lb. (kg)	4,194 (1,906)	4,917 (2,235)
	32	Axle load, no load drive	lb. (kg)	2,239 (1,063)	2,811 (1,278)
		Axle load, load with minimum battery	lb. (kg)	2,455 (1,111)	2,706 (1,230)
	33	Size of tire, drive	in. (mm)	10.0 x 5.0 / (254 x 127) Poly	10.0 x 5.0 / (254 x 127) Poly
	34	Size of tire, load	in. (mm)	10.0 x 6.0 / (254 x 152) Poly	10.0 x 6.0 / (254 x 152) Poly
	35	Wheelbase	in. (mm)	49.0 (1,245)	54.0 (1,372)
	37	Ground clearance, No Load lowest point	in. (mm)	0.6 (15)	0.6 (15)
	38	Ground clearance, No Load center wheelbase	in. (mm)	2.8 (69)	2.8 (69)
BATT.	41	Battery, type		Lead acid	Lead acid
	42	Battery, volts / ampere hours	V/ah	24 / 510	24 / 510
	43	Battery, minimum weight	lb. (kg)	600 (273)	600 (273)
MOTOR	44	Traction motor, 60 min. rating	hp (kw)	2.3 (1.7)	2.3 (1.7)
		Pump motor, 15 min. rating	hp (kw)	4.0 (3.0)	4.0 (3.0)
	45	Traction motor control method		Transistor	Transistor
	46	Number of speeds		Infinitely variable	Infinitely variable
	47	Relief pressure for attachments	psi (kPA)	2,900 (19,995)	2,900 (19,995)
	49	Grade Clearance 13.4" Compartment	%	22.7	20.9

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 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.

W25-40ZC DIMENSIONS



Zero Clearance / Right Angle Aisle Stacking / Intersecting Equal Aisle Stacking

To determine the correct dimension, take the larger sum of either the load or pallet dimensions for length and width. Add the dimension for optional configuration and the 6.0" to 12.0" operating clearance. All values are based on 4.0" spacing between loads. Please contact your local Hyster dealer for additional information on load spacing.

Right Angle Stack

W25-40ZC Walkie Counterbalanced Stacker Truck

(Equipped with 2-stage VISTA mast and 13.5" battery compartment.)

LOAD WIDTH (in.)	W25ZC					W30ZC					W40ZC				
	Load Length (in.)					Load Length (in.)					Load Length (in.)				
	36	40	42	48		36	40	42	48		36	40	42	48	
36	125	130	132	138		130	134	137	143		137	142	144	150	
40	125	130	132	138		130	134	137	143		137	142	144	150	
42	125	130	132	138		130	134	137	143		137	142	144	150	
48	125	130	132	138		130	134	137	143		137	142	144	150	

Intersecting Equal Aisle

W25-40ZC Walkie Counterbalanced Stacker Truck

(Equipped with 2-stage VISTA mast.)

LOAD WIDTH (in.)	W25ZC					W30ZC					W40ZC				
	Load Length (in.)					Load Length (in.)					Load Length (in.)				
	36	40	42	48		36	40	42	48		36	40	42	48	
36	61	63	65	68		62	64	65	69		75	77	78	81	
40	61	63	65	68		62	64	65	69		75	77	78	81	
42	62	64	66	69		63	65	66	70		76	77	78	81	
48	67	69	70	74		68	70	71	74		78	80	81	86	



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