

WC30 3000 lb.
WC40 4000 lb.



S E R I E S

Specifications

characteristics

			WC-30		WC-40	
2	Model	Model designation				
3	Load Capacity	Rated Capacity	3000 (1500)		4000 (2000)	
4	Load Center	Distance	24 (600)		24 (600)	
5	Power Type	Electric	12 Volt	24 Volt*	12 Volt	24 Volt*
6	Operator Orientation		Walkie Counterbalanced		Walkie Counterbalanced	

dimensions

7	Tire Type	Drive / Load Wheels	Poly / Poly		Poly / Poly	
8	Wheels	Number (x = driven) front / rear	1x / 2		1x / 2	
9	Mast	Standard lift height (top of fork) - MFH	in (mm)	105.5 (2680)	105.5 (2680)	
		Standard freelif	in (mm)	51 (1295)	51 (1295)	
11	Forks	Thickness x width x length	in (mm)	1.6 x 4.2 x 42.1 (40 x 106 x 1070)	1.6 x 4.2 x 42.1 (40 x 106 x 1070)	
12		Fork spread - min / max (OD)	in (mm)	10 / 30 (254 / 762)	10 / 30 (254 / 762)	
14		Fork lowered height	in (mm)	2 (51)	2 (51)	
17	Overall	Length - to face of forks	in (mm)	70.5 (1790)	75.8 (1925)	77.7 (1974)
18	Dimensions	Length - with forks	in (mm)	112.5 (2858)	117.8 (2992)	119.7 (3040)
20		Height - mast lowered (OHL)	in (mm)	72 (1829)	71 (1803)	
21		Height - mast extended (with load backrest)	in (mm)	153.5 (3899)	153.5 (3899)	
22		Height - standard load back rest (LBR)	in (mm)	48 (1219)	48 (1219)	
23	Turning Radius	Minimum outside	in (mm)	61.13 (1553)	68.38 (1737)	
24	Right Angle Stacking Aisle	48" long x 40" wide pallet (add clearance)	in (mm)	121.8 (3094)	127.0 (3226)	129.0 (3277)
						134.3 (3411)

performance

25	Speeds	Travel speed - full load / no load	mph (km/h)	2.1 / 2.4 (3.4 / 3.9)	2.1 / 2.5 (3.4 / 4.0)	2.0 / 2.3 (3.2 / 3.7)	2.0 / 2.5 (3.2 / 4.0)
26		Lift speed - full load / no load	fpm (mm/sec)	16 / 24 (81 / 122)	31 / 42 (157 / 213)	12 / 25 (61 / 127)	30 / 43 (152 / 218)
27		Lowering speed - full load / no load	fpm (mm/sec)	47 / 26 (239 / 132)	47 / 26 (239 / 132)	54 / 31 (274 / 157)	54 / 31 (274 / 157)

weight

28	Truck Weight	With 103.5 TH mast, less battery	lbs (kgs)	5027 (2282)	5099 (2315)	
----	--------------	----------------------------------	-----------	-------------	-------------	--

chassis

31	Overall Width	Width	in (mm)	36 (915)	36 (915)	
33	Tires / Wheels	Size - Load wheels	in (mm)	12 x 4.5 (305 x 114)	12 x 4.5 (305 x 114)	
35		Size - Drive tire-Polyurethane	in (mm)	12 x 4.5 (305 x 114)	12 x 4.5 (305 x 114)	
36	Wheelbase	Distance between axles on centers	in (mm)	53.75 (1365)	61.0 (1550)	
38	Brake system	Type		Drum & Shoe	Drum & Shoe	

battery

			Lead Acid		Lead Acid	
40		Type				
41	Battery Compartment Size	L x W (31" Height)	in (mm)	32 x 8.25 (813 x 210)	32 x 13.5 (813 x 343)	32 x 8.25 (813 x 210)
42	Capacity	Capacity @ the 6 hour rate - min / max	Ah	375 / 750	450 / 750	375 / 750
43	Weight	Minimum / Maximum	lbs (kgs)	410 / 725 (185 / 330)	410 / 725 (185 / 330)	
44		Lead length ("B" position)	in (mm)	20 (508)	20 (508)	
45		Connector	Type	SB-175 Gray	SB-175 Gray	

drive line

51	Motors / Controls	Drive motor	Type	Deluxe series wound	Deluxe series wound	
52		Speed control	Type	Transistor	Transistor	

12 Volt models are standard

* 24 Volt model specifications based on larger 32" x 13.5" x 31"H battery compartment size.

2000 lb. capacity models also available. Consult factory for truck specifications.