

3,000 - 4,000 lb. capacities

Main Truck Specifications									
CHARACTERISTICS	1	Manufacturer's Name			Nissan		Nissan		1
	2	Model	Model designation		WCN-30		WCN-40		2
	3	Load Capacity	Rated capacity	lb (kg)	3000 (1500)		4000 (2000)		3
	4	Load Center	Distance	in (mm)	24 (600)		24 (600)		4
	5	Power Type	Electric	volt	12	24	12	24	5
	6	Operator Type			Walkie Counterbalanced		Walkie Counterbalanced		6
	7	Tire Type	Front and rear		Poly / Poly		Poly / Poly		7
	8	Wheels	Number (x=driven) - front/rear		2 / 1x		2 / 1x		8
DIMENSIONS	9	Mast	Max. fork height (MFH)	in (mm)	105.5 (2680)		105.5 (2680)		9
	10		Freelift (FL)	in (mm)	51 (1295)		51 (1295)		10
	12	Forks	Thickness x width	in (mm)	1.6 x 4.2 (40 x 106)		1.6 x 4.2 (40 x 106)		12
	13		Length	in (mm)	42.1 (1070)		42.1 (1070)		13
	14		Min. spread (o.d.)	in (mm)	10 (254)		10 (254)		14
	15		Max. spread (o.d.)	in (mm)	30 (762)		30 (762)		15
	16		Fork lowered height	in (mm)	2.0 (51)		2.0 (51)		16
	19		Overall Dimensions	Length (to face of forks)	in (mm)	70.5 (1790)		77.7 (1974)	
	20	Length (to end of forks)		in (mm)	112.2 (2858)		119.7 (3040)		20
	22	Height - top of standard LBR		in (mm)	48 (1219)		48 (1219)		22
	23	Mast lowered (OHL)		in (mm)	72 (1829)		71 (1803)		23
	24	Mast extended with LBR		in (mm)	153.5 (3899)		153.5 (3899)		24
25	Grade Clearance	8.25" and 13.5" battery compartments	%	15%		13%		25	
26	Turning Radius	Minimum outside	in (mm)	61.13 (1553)		68.38 (1737)		26	
27	Min. Right Angle Stack	48" L x 40" W pallet (add clearance)	in (mm)	121.8 (3094)		129.0 (3277)		27	
28	Truck Weight	103.5" Mast, empty, no battery	lb (kg)	5027 (2282)		5099 (2315)		28	
PERFORMANCE	29	Speeds	Travel - full load	mph (kph)	2.1 (3.4)	2.1 (3.4)	2.0 (3.2)	2.0 (3.2)	29
	30		Travel - no load	mph (kph)	2.4 (3.9)	2.5 (4.0)	2.3 (3.7)	2.5 (4.0)	30
	31		Lift - full	fpm (mm/sec)	16 (81)	31 (157)	12 (61)	30 (152)	31
	32		Lift - empty	fpm (mm/sec)	24 (122)	42 (213)	25 (127)	43 (218)	32
	33		Lower - full	fpm (mm/sec)	47 (239)	47 (239)	54 (274)	54 (274)	33
	34		Lower - empty	fpm (mm/sec)	26 (132)	26 (132)	31 (157)	31 (157)	34
CHASSIS & WHEELS	35	Overall Width	Width	in (mm)	36 (915)		36 (915)		35
	36	Wheelbase	Distance between axles on centers	in (mm)	53.75 (1365)		61.0 (1550)		36
	37	Tire Size	Drive tire	in (mm)	12 x 4.5 (305 x 114)		12 x 4.5 (305 x 114)		37
	38		Load wheels	in (mm)	12 x 4.5 (305 x 114)		12 x 4.5 (305 x 114)		38
	39	Service Brake	Type		Drum and Shoe		Drum and Shoe		39
BATTERY	40	Type			Lead Acid		Lead Acid		40
	41	Compartment Size	Width x Height	in (mm)	32 x 31 (813 x 788)		32 x 31 (813 x 788)		41
			Length	in (mm)	8.25 (210)	13.5 (343)	8.25 (210)	13.5 (343)	
	42	Amp Hr Capacity	Min / Max (6-hr)	Ah	375 / 750	450 / 750	375 / 750	450 / 750	42
	43	Weight	Min / Max	lb (kg)	410 / 725 (185 / 330)		410 / 725 (185 / 330)		43
	44	Lead Length	Position "B"	in (mm)	20 (508)		20 (508)		44
45	Connector		type	SB-175 Grey		SB-175 Grey		45	

NOTE: 12-Volt models are standard.

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