

3,000 - 4,000 lb. capacity

Main Truck Specifications

CHARACTERISTICS	1	Manufacturer's Name		Nissan		Nissan		1	
	2	Model	Model designation	WSN-30		WSN-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 Straddle		Walkie Straddle		6
	7	Tire Type	Front and rear		Rubber / Poly		Rubber / Poly		7
	8	Wheels	Number (x=driven) - front/rear		4 / 1x		4 / 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
	11	Forks	Thickness x width	in (mm)	1.6 x 4.2 (40 x 106)		1.6 x 4.2 (40 x 106)		11
	12		Length	in (mm)	42.1 (1070)		42.1 (1070)		12
	13		Min. fork spread (o.d.)	in (mm)	8 (203)		8 (203)		13
	14		Max. fork spread (o.d.)	in (mm)	30 (762)		30 (762)		14
	15		Fork lowered height	in (mm)	2.0 (51)		2.0 (51)		15
	16	Overall Dimensions	Length - with forks	in (mm)	83 (2108)	88.3 (2242)	83 (2108)	88.3 (2242)	16
	17		Length - less forks	in (mm)	78.6 (1996)	83.9 (2131)	78.6 (1996)	83.9 (2131)	17
	18		Height - top of standard LBR	in (mm)	48 (1219)		48 (1219)		18
	19		Mast lowered (OHL)	in (mm)	72 (1829)		72 (1829)		19
	20		Mast extended with LBR	in (mm)	153.5 (3899)		153.5 (3899)		20
	21		Width - minimum outrigger i.d.	in (mm)	34 (864)		34 (864)		21
	22		Width - maximum outrigger i.d.	in (mm)	50 (1270)		50 (1270)		22
23	Outrigger Height		in (mm)	4 (102)		4 (102)		23	
24	Turning Radius	Minimum outside	in (mm)	68.4 (1737)	73.6 (1870)	68.4 (1737)	73.6 (1870)	24	
25	Min. Right Angle Stack	48" L x 40" W pallet (add clearance)	in (mm)	74 (1880)	79.3 (2014)	74 (1880)	79.3 (2014)	25	
26	Truck Weight	103.5" Mast, empty, no battery	lb (kg)	2200 (1000)		2400 (1090)		26	
PERFORMANCE	27	Speeds	Travel - full load	mph (kph)	2.4 (3.9)	2.6 (4.2)	2.4 (3.9)	2.3 (3.7)	27
	28		Travel - no load	mph (kph)	3.1 (5.0)	3.2 (5.2)	3.1 (5.0)	3.1 (5.0)	28
	29		Lift - full	fpm (mm/sec)	17 (86)	20 (102)	14 (71)	17 (86)	29
	30		Lift - empty	fpm (mm/sec)	28 (142)	38 (193)	28 (142)	38 (193)	30
	31		Lower - full	fpm (mm/sec)	50 (254)	50 (254)	55 (279)	55 (279)	31
	32		Lower - empty	fpm (mm/sec)	30 (152)	30 (152)	30 (152)	30 (152)	32
CHASSIS & WHEELS	33	Overall Width	Width	in (mm)	34.5 (876)		34.5 (876)		33
	34	Wheelbase	Distance between axles on centers	in (mm)	61 (1550)	66.3 (1684)	61 (1550)	66.3 (1684)	34
	35	Tire Size	Drive tire	in (mm)	10 x 5 (254 x 127)		10 x 5 (254 x 127)		35
	36		Load wheels - tandem	in (mm)	4 x 2.75 (102 x 70)		4 x 2.75 (102 x 70)		36
	37	Service Brake	Type		Drum and Shoe		Drum and Shoe		37
BATTERY	38	Type		Lead Acid		Lead Acid		38	
	39	Compartment Size	Width x Height	in (mm)	34.5 x 31 (876 x 788)		34.5 x 31 (876 x 788)		39
	40		Length	in (mm)	8.25 (210)	13.5 (343)	8.25 (210)	13.5 (343)	40
	41	Amp Hr Capacity	Min / Max (6-hr)	Ah	375 / 750		375 / 750		41
	42	Weight	Minimum	lb (kg)	410 (187)	960 (436)	410 (187)	960 (436)	42
	43		Maximum	lb (kg)	725 (330)	1500 (681)	725 (330)	1500 (681)	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 34.5" x 13.5" x 31"H battery compartment size.