

## Main Truck Specifications

CHARACTERISTICS				Nissan	Nissan	
1	Manufacturer's Name			Nissan	Nissan	1
2	Model	Model designation		BXP35	BXP35L	2
3		Long model code		K1B1R18V	KG1B1L18V	3
4				Standard Wheelbase	Long Wheelbase	4
5	Rated Load Capacity		lb (kg)	3500 (1750)	3500 (1750)	5
6	Load Center	Distance	in (mm)	24 (500)	24 (500)	6
7	Power Type	Electric	voltage	48v	48v	7
8	Operator Orientation			Sit	Sit	8
9	Tire Type	Front & rear		Pneumatic	Pneumatic	9
10	Wheels	Number - front/rear (x=driven)		2x / 2	2x / 2	10
11	Mast	Maximum fork height	in (mm)	130 (3300)	130 (3300)	11
12		Mast lowered (OHL)	in (mm)	84.3 (2141)	84.3 (2141)	12
13		Mast extended with LBR	in (mm)	179.3 (4555)	179.3 (4555)	13
14		Standard freelif	in (mm)	6.3 (160)	6.3 (160)	14
15	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	1.5 x 4 (40x100)	15
16		Length (STD)	in (mm)	42.1 (1070)	42.1 (1070)	16
17	Tilt Angle	Standard mast - fwd/back	degree	5/11	5/11	17
18	Overall Dimensions	Length (to face of forks)	in (mm)	82.1 (2085)	87.8 (2230)	18
19		Width (standard tires)	in (mm)	44.1 (1120)	44.1 (1120)	19
20		Height - top of OHG	in (mm)	83.5 (2120)	83.5 (2120)	20
21		Height - top of standard LBR	in (mm)	48.0 (1220)	48.0 (1220)	21
22		Width - standard carriage	in (mm)	36.2 (920)	36.2 (920)	22
23	Grade Clearance	Ramp breakover angle	%	35.0	31.0	23
24		Departure angle	%	43.0	48.0	24
25	Overhang	Front	in (mm)	15.7 (400)	15.7 (400)	25
26		Rear	in (mm)	16.3 (415)	15.0 (380)	26
27	Turning Radius	Minimum outside	in (mm)	70.1 (1780)	77.6 (1970)	27
28	Min Right Angle Stack	Add load length & clearance	in (mm)	85.8 (2180)	93.3 (2370)	28
29	Speeds Maximum	Travel - loaded	mph (km/h)	9.9 (16.0)	9.9 (16.0)	29
30		Travel - unloaded	mph (km/h)	10.9 (17.5)	10.9 (17.5)	30
31		Lift - loaded	fpm (mm/sec)	76.8 (390)	76.8 (390)	31
32		Lift - unloaded	fpm (mm/sec)	126.0 (640)	126.0 (640)	32
33		Lowering - loaded	fpm (mm/sec)	98.5 (500)	98.5 (500)	33
34		Lowering - unloaded	fpm (mm/sec)	98.5 (500)	98.5 (500)	34
35	Drawbar Pull Maximum	Full load	lb (N)	3281 (14595)	3281 (14595)	35
36	Gradeability Maximum	Full load	%	19.0	19.0	36
37		Empty	%	30.0	30.0	37
38	Truck Weight	Single tire w/min. battery	lb (kg)	6880 (3120)	6935 (3145)	38
39	Weight Distribution	Front axle - empty, min. battery	lb (kg)	2778 (1260)	3131 (1420)	39
40		Rear axle - empty, min. battery	lb (kg)	4101 (1860)	3804 (1725)	40
41	Tire Size	Front	in	21x8-9-10PR	21x8-9-10PR	41
42		Rear	in	5.00-8-10PR	5.00-8-10PR	42
43	Wheelbase		in (mm)	50.0 (1270)	57.1 (1450)	43
44	Tread - Center of Tire	Front / rear (standard tires)	in (mm)	36.2 / 35.4 (920 / 900)	36.2 / 35.4 (920 / 900)	44
45	Headroom	SIP to bottom of OHG	in (mm)	40.9 (1040)	40.9 (1040)	45
46	Counterweight Height		in (mm)	38.2 (970)	38.2 (970)	46
47	Step Height		in (mm)	20.5 (520)	20.5 (520)	47
48	Ground Clearance	Under mast	in (mm)	4.3 (110)	4.3 (110)	48
49		Under power unit	in (mm)	3.7 (95)	3.7 (95)	49
50		Under frame, center of wheelbase	in (mm)	4.3 (110)	4.3 (110)	50
51	Service Brake	Type		Hyd / Elec	Hyd / Elec	51
52	Parking Brake	Type		Pedal	Pedal	52
53	Steering	On-demand		Hydraulic	Hydraulic	53
54	Traction Motor	Type		AC Induction	AC Induction	54
55		Control type		MOD-INV	MOD-INV	55
56		Rating	kW/h		9.0	9.0
57	Pump Motor	Type		AC Induction	AC Induction	57
58		Rating	kW/5min		11.0	11.0
59	Recommended Size*	W x H	in (mm)	38.58 x 18.50 (980 x 470)	38.58 x 18.50 (980 x 470)	59
60		L	in (mm)	26.37 (670)	33.66 (855)	60
61	Battery Compartment Size*	W x H - Maximum	in (mm)	38.81 x 18.50 (986 x 470)	38.81 x 18.50 (986 x 470)	61
62		L - Maximum	in (mm)	26.57 (675)	33.85 (860)	62
63	Lead acid*	Type		CF	CF	63
64		Capacity	Ah/5h		CF	CF
65	Weight	Minimum / Maximum	lb (kg)	1587 / 1962 (720 / 890)	1940 / 2447 (880 / 1110)	65
66	Lead Length	Position B	in (mm)	25 (635)	25 (635)	66
67	Connector		Type	SB-350 Gray	SB-350 Gray	67