

8,000 lb. capacity

Main Truck Specifications

CHARACTERISTICS				Nissan		
1	Manufacturer's Name			Nissan		1
2	Model	Model designation		BX80		2
3		Long model code		CPG1B2L35S		3
4	Rated Load Capacity		lb (kg)	8000 (4000)		4
5	Load Center	Distance	in (mm)	24 (500)		5
6	Power Type	Electric	voltage	36v	48v	6
7	Operator Orientation			Sit		7
8	Tire Type	Front & rear		Cushion		8
9	Wheels	Number - front/rear (x=driven)		2x / 2		9
10	Mast	Maximum fork height	in (mm)	138 (3500)		10
11		Mast lowered (OHL)	in (mm)	93.3 (2370)		11
12		Mast extended with LBR	in (mm)	187.2 (4755)		12
13		Standard freelif	in (mm)	10.6 (270)		13
14	Forks	Thickness & width	in (mm)	2 x 5 (50x125)		14
15		Length (STD)	in (mm)	42.1 (1070)		15
16	Tilt Angle	Standard mast - fwd/back	degree	5 / 10		16
17	Overall Dimensions	Length (to face of forks)	in (mm)	99.0 (2515)		17
18		Width (standard tires)	in (mm)	43.3 (1100)		18
19		Height - top of OHG	in (mm)	87.4 (2220)		19
20		Height - top of standard LBR	in (mm)	48.0 (1220)		20
21		Width - standard carriage	in (mm)	40.2 (1020)		21
22	Grade Clearance	Ramp breakover angle	%	23.0		22
23		Departure angle	%	33.0		23
24	Overhang	Front	in (mm)	16.7 (425)		24
25		Rear	in (mm)	19.3 (490)		25
26	Turning Radius	Minimum outside	in (mm)	88.4 (2245)		26
27	Min Right Angle Stack	Add load length & clearance	in (mm)	105.1 (2670)		27
28	Speeds Maximum	Travel - loaded	mph (km/h)	7.8 (12.5)		28
29		Travel - unloaded	mph (km/h)	9.0 (14.5)		29
30		Lift - loaded (36v / 48v)	fpm (mm/sec)	43.3 (220)	46.3 (235)	30
31		Lift - unloaded (36v / 48v)	fpm (mm/sec)	77.8 (395)	84.7 (430)	31
32		Lowering - loaded	fpm (mm/sec)	98.5 (500)		32
33		Lowering - unloaded	fpm (mm/sec)	97.5 (495)		33
34	Drawbar Pull Maximum	Full load (36v/48v)	lb (N)	3924 (17455)	4007 (17825)	34
35	Gradeability Maximum	Full load (36v/48v)	%	16.5	16.5	35
37	Truck Weight	Empty, min. battery	lb (kg)	12414 (5630)		37
38	Weight Distribution	Front axle - empty, min. battery	lb (kg)	4619 (2095)		38
39		Rear axle - empty, min. battery	lb (kg)	7795 (3535)		39
40	Tire Size	Front	in	22 x 8 x 16		40
41		Rear	in	16-1/4 x 6 x 11-1/4		41
42	Wheelbase		in (mm)	63.0 (1600)		42
43	Tread - Center of Tire	Front / rear (standard tires)	in (mm)	35.2 / 35.0 (895 / 890)		43
44	Headroom	SIP to bottom of OHG	in (mm)	42.3 (1075)		44
45	Counterweight Height		in (mm)	43.5 (1105)		45
46	Step Height		in (mm)	18.5 (470)		46
47	Ground Clearance	Under mast	in (mm)	3.1 (80)		47
48		Under power unit	in (mm)	3.7 (95)		48
49		Under frame, center of wheelbase	in (mm)	3.5 (90)		49
50	Service Brake	Type		Hyd / Elec		50
51	Parking Brake	Type		Pedal		51
52	Steering	On-demand		Hydraulic		52
53	Traction Motor	Type		AC Induction		53
54		Control type		MOD-INV		54
55		Rating	kW/h	9.0	12.0	55
56	Pump Motor	Type		AC Induction		56
57		Rating	kW/5min	10.0	13.5	57
58	Recommended Size	W x H	in (mm)	38.85 x 22.75 (987 x 578)		58
59	Battery Compartment Size	L	in (mm)	33.85 (860)		59
60		W x H - Maximum	in (mm)	39.09 x 23.42 (993 x 595)		60
61		L - Maximum	in (mm)	34.17 (868)		61
62	BATTERY	Lead acid (36v / 48v)	Type	18-95-29	24-95-21	62
63		Capacity - Minimum (36v / 48v)	Ah/5h	1200	1000	63
64		Capacity - Maximum (36v / 48v)	Ah/5h	1400	2000	64
65		Weight	Minimum / Maximum	lb (kg)	3351 / 3527 (1520 / 1600)	
66	Lead Length	Position B	in (mm)	18 (455)		66
67	Connector	Type		SB-350 Gray		67

* 2W330 mast, less forks