

# 3,000/3,500/4,000 lb. capacities

## Main Truck Specifications

				Nissan	Nissan	Nissan	Nissan		
CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	Nissan	Nissan	1	
	2	Model	Model designation	SCX30SN	SCX30N	SCX35N	SCX40N	2	
	3		Long model code	S1S1L15NV	1S1L15NV	1S1L18NV	1S1L20NV	3	
	4	Rated Load Capacity	lb (kg)	3000 (1500)	3000 (1500)	3500 (1800)	4000 (2000)	4	
	5	Load Center	Distance	in (mm)	24 (600)	24 (600)	24 (600)	24 (600)	5
	6	Power Type	Electric	voltage	36v	36v	36v	36v	6
	7	Operator Orientation			Stand-Up	Stand-Up	Stand-Up	Stand-Up	7
DIMENSIONS	8	Tire Type	Front & rear	Cushion Poly	Cushion Poly	Cushion Poly	Cushion Poly	8	
	9	Wheels	Number front / rear (x=driven)	2 x / 2	2 x / 2	2 x / 2	2 x / 2	9	
	10	Mast	Maximum fork height	in (mm)	130 (3300)	130 (3300)	130 (3300)	130 (3300)	10
	11		Mast lowered (OHL)	in (mm)	83.2 (2110)	83.2 (2110)	83.2 (2110)	83.2 (2110)	11
	12		Mast extended with LBR	in (mm)	179.3 (4555)	179.3 (4555)	179.3 (4555)	179.3 (4555)	12
	13		Standard freelif	in (mm)	3.8 (95)	3.8 (95)	3.8 (95)	3.8 (95)	13
	14		Mast width (rail width)	in (mm)	24.8 (630)	24.8 (630)	24.8 (630)	24.8 (630)	14
	15	Forks	Length x width x thickness	in (mm)	42 x 4 x 1.5 (420 x 100 x 40)		42 x 4 x 1.5 (420 x 100 x 40)		15
	16	Tilt Angle	Standard mast - fwd/back	degree	3 / 5	3 / 5	3 / 5	3 / 5	16
	17	Overall Dimensions	Length (to face of forks)	in (mm)	66 (1680)	68.2 (1735)	68.2 (1735)	70.5 (1790)	17
	18		Width (standard tires)	in (mm)	42.5 (1080)	42.5 (1080)	42.5 (1080)	42.5 (1080)	18
	19		Height - top of OHG	in (mm)	86.8 (2205)	86.8 (2205)	86.8 (2205)	86.8 (2205)	19
	20		Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	48 (1220)	48 (1220)	20
	21		Width - standard carriage	in (mm)	36.2 (920)	36.2 (920)	36.2 (920)	36.2 (920)	21
22	Grade Clearance	Ramp breakover angle	%	43.3	40.8	40.8	38.4	22	
23		Departure angle	%	41	41	41	41	23	
24	Overhang	Front / rear	in (mm)	14.6 (370) / 10.3 (260)	14.6 (370) / 10.3 (260)	14.6 (370) / 10.3 (260)	14.6 (370) / 10.3 (260)	24	
25	Turning Radius	Minimum outside	in (mm)	52.3 (1330)	54.5 (1385)	54.5 (1385)	56.8 (1445)	25	
26	Min Right Angle Stack	Add load length & clearance	in (mm)	66.9 (1700)	69.1 (1755)	69.1 (1755)	71.4 (1815)	26	
PERFORMANCE	27	Speeds Maximum	Travel - loaded / unloaded	mph (km/h)	7.8 (12.6) / 8.0 (12.9)	7.8 (12.6) / 8.0 (12.9)	7.8 (12.6) / 8.0 (12.9)	7.6 (12.2) / 8.0 (12.9)	27
	28		Lift - loaded / unloaded	fpm (mm/sec)	71 (362) / 114 (577)	71 (362) / 114 (577)	66 (334) / 114 (577)	62 (317) / 114 (577)	28
	29		Lowering - loaded / unloaded	fpm (mm/sec)	92 (469) / 93 (472)	92 (469) / 93 (472)	91 (463) / 93 (472)	93 (470) / 93 (472)	29
30	Gradeability Maximum	Full load	(%)	29.1	27.6	26.9	26.1	30	
WEIGHT	31	Truck Weight	Empty, min. battery	lb (kg)	8160 (3700)	7715 (3500)	8585 (3895)	9090 (4125)	31
	32	Weight Distribution	Full load - min. battery - front	lb (kg)	9575 (4340)	9225 (4185)	10285 (4665)	11190 (5075)	32
	33		Full load - min. battery - rear	lb (kg)	1585 (720)	1490 (675)	1795 (815)	1900 (860)	33
	34		No load - min. battery - front	lb (kg)	3900 (1765)	3670 (1665)	3800 (1725)	3945 (1790)	34
	35		No load - min. battery - rear	lb (kg)	4260 (1935)	4045 (1835)	4785 (2170)	5145 (2335)	35
CHASSIS & WHEELS	36	Tire Size	Front	in	18 x 7 x 12-1/8	18 x 7 x 12-1/8	18 x 7 x 12-1/8	18 x 7 x 12-1/8	36
	37		Rear	in	10 x 5 x 6-1/2	10 x 5 x 6-1/2	10 x 5 x 6-1/2	10 x 5 x 6-1/2	37
	38	Wheelbase		in (mm)	41.8 (1065)	43.9 (1115)	43.9 (1115)	46.3 (1175)	38
	39	Tread - Center of Tire	Front / rear	in (mm)	35.5 (900) / 5.3 (135)	35.5 (900) / 5.3 (135)	35.5 (900) / 5.3 (135)	35.5 (900) / 5.3 (135)	39
	40	OHG Post Spread	Outside-to-outside	in (mm)	24 (610)	24 (610)	24 (610)	24 (610)	40
	41	Chassis Height		in (mm)	57.5 (1460)	57.5 (1460)	57.5 (1460)	57.5 (1460)	41
	42	Headroom	Floor to bottom of OHG	in (mm)	75.8 (1925)	75.8 (1925)	75.8 (1925)	75.8 (1925)	42
	43	Ground Clearance	Lowest point	in (mm)	2.1 (55)	2.1 (55)	2.1 (55)	2.1 (55)	43
	44		Under frame, center of wheelbase	in (mm)	4.0 (100)	4.0 (100)	4.0 (100)	4.0 (100)	44
	45	Service Brake	Type		Regen	Regen	Regen	Regen	45
46	Parking Brake	Type		Auto-Applied / Electronic Release		Auto-Applied / Electronic Release		46	
47	Steering	On-demand		Hydraulic	Hydraulic	Hydraulic	Hydraulic	47	
48	Traction Motor	Type		AC Induction	AC Induction	AC Induction	AC Induction	48	
49		Control type		AC Inverter	AC Inverter	AC Inverter	AC Inverter	49	
51	Pump Motor	Type		AC Induction	AC Induction	AC Induction	AC Induction	51	
53	Hydraulic Control			Electroproportional	Electroproportional	Electroproportional	Electroproportional	53	
BATTERY	54	Battery Compartment Size	W x H - Maximum	in (mm)	38.5 x 32 (975 x 810)		38.5 x 32 (975 x 810)		54
	55		L - Maximum	in (mm)	16.3 (415)	18.4 (465)	18.4 (465)	20.8 (530)	55
	56	Battery	Lead acid	Type	18-125-13	18-125-15	18-125-15	18-125-17	56
	57		Max. Capacity - 6 hr. rating	Ah	930	1085	1085	1240	57
	58	Weight	Minimum / Maximum	lb (kg)	1885 (855) / 2400 (1085)	2175 (990) / 2700(1225)	2175 (990) / 2700 (1225)	2460(1115) / 3000(1360)	58
	59	Lead Length	Position B / SB-350 Gray	in (mm)	14 (355)	14 (355)	14 (355)	14 (355)	59