

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

Main Truck Specifications

				Nissan	Nissan	Nissan		
CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	Nissan	1	
	2	Model	Model designation	TX30	TX35	TX40	2	
			Long model code	1N1L15V	1N1L18V	G1N1L20V		
	3	Rated Load Capacity		lb (kg)	3000 (1500)	3500 (1750)	4000 (2000)	3
	4	Load Center	Distance	in (mm)	24 (500)	24 (500)	24 (500)	4
	5	Power Type	Electric		36 / 48 Volt	36 / 48 Volt	36 / 48 Volt	5
6	Operator Orientation			Sit	Sit	Sit	6	
DIMENSIONS	7	Tire Type	Front & rear		Cushion	Cushion	Cushion	7
	8	Wheels	Number (x=driven) front/rear		2 x / 2	2 x / 2	2 x / 2	8
	9	Mast	Maximum fork height	in (mm)	118 (3000)	118 (3000)	118 (3000)	9
			Standard freelif	in (mm)	2.4 (60)	2.4 (60)	2.4 (60)	10
	11	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	1.5 x 4 (40x100)	1.5 x 4 (40x100)	11
			Length (STD)	in (mm)	42 (1070)	42 (1070)	42 (1070)	
	12	Tilt Angle	Standard mast - fwd/back	degree	4 / 6	4 / 6	4 / 6	12
	13	Overall Dimensions	Length (to face of forks)	in (mm)	74.4 (1890)	74.6 (1895)	78.9 (2005)	13
			Width (standard tires)	in (mm)	43.5 (1105)	43.5 (1105)	43.5 (1105)	14
			Mast lowered (OHL)	in (mm)	77.0 (1955)	77.0 (1955)	77.0 (1955)	15
			Mast extended with LBR	in (mm)	167.7 (4260)	167.7 (4260)	167.7 (4260)	16
			Height - top of OHG	in (mm)	83.4 (2120)	83.4 (2120)	83.4 (2120)	17
			Height - top of standard LBR	in (mm)	47 (1194)	47 (1194)	47 (1194)	18
Width - standard carriage			in (mm)	36.2 (920)	36.2 (920)	36.2 (920)	19	
20	Turning Radius	Minimum outside*	in (mm)	60.0 (1525)	60.0 (1525)	64.4 (1635)	20	
21	Overhang	Front	in (mm)	14.4 (365)	14.6 (370)	14.6 (370)	21	
		Rear	in (mm)	8.6 (219)	8.6 (219)	8.6 (219)	22	
23	Min Right Angle Stack	Add load length & clearance	in (mm)	73 (1855)	74.4 (1890)	84.4 (2144)	23	
PERFORMANCE	24	Speeds Maximum	Travel - loaded/empty (36V)	mph (kmh)	9 (14.5) / 9 (14.5)	9 (14.5) / 9 (14.5)	9 (14.5) / 9 (14.5)	24
			Travel - loaded/empty (48V)	mph (kmh)	9.3 / 10 (15/16)	9.3 / 10 (15/16)	9.3 / 10 (15/16)	
	25		Lift - loaded/empty (36V)	fpm (mm/sec)	67 / 100 (340 / 515)	61 / 100 (310 / 515)	59 / 100 (300 / 515)	25
			Lift - loaded/empty (48V)	fpm (mm/sec)	79 / 118 (400 / 600)	73 / 118 (370 / 600)	69 / 114 (350 / 580)	
			Lowering - loaded/empty (36V/48V)	fpm (mm/sec)	98 / 107 (500 / 550)	98 / 107 (500 / 550)	98 / 107 (500 / 550)	
	26	Drawbar Pull Maximum	Full load - 3 min rating	lb (kg)	2280 (1030)	2280 (1030)	2280 (1030)	26
27	Gradeability Maximum	Full load / empty - 5 min rating	tan (%)	20.8 / 32.3	18.7 / 30.0	16.1 / 26.0	27	
WEIGHT	28	Truck Weight	No load, no battery	lb (kg)	5220 (2370)	5640 (2560)	5236 (2380)	28
	29		No load, min battery	lb (kg)	6765 (3070)	7185 (3260)	7551 (3433)	29
	30	Weight Distribution	Front axle - no load, min battery	lb (kg)	3430 (1555)	3435 (1560)	3743 (1701)	30
Rear axle - no load, min battery			lb (kg)	3335 (1515)	3750 (1700)	3803 (1732)		
CHASSIS & WHEELS	31	Tire Size	Front	in	18 x 7 x 12.1	18 x 7 x 12.1	18 x 7 x 12.1	31
			Rear	in	15 x 5 x 11.25	15 x 5 x 11.25	15 x 5 x 11.25	
	32	Wheelbase		in (mm)	51.2 (1300)	51.2 (1300)	55.5 (1410)	32
	33	Tread - Center of Tire	Front / rear	in (mm)	36.6 / 6.9 (930 / 176)	36.6 / 6.9 (930 / 176)	36.6 / 6.9 (930 / 176)	33
			Counterweight Height	in (mm)	36.2 (920)	36.2 (920)	36.2 (920)	
			Step Height	in (mm)	21.9 (556)	21.9 (556)	21.9 (556)	
34	Ground Clearance	Under mast	in (mm)	3.0 (75)	3.0 (75)	3.0 (75)	34	
		Under frame (WB center)	in (mm)	3.9 (100)	3.9 (100)	3.9 (100)		
DRIVE LINE	35	Service Brake	Type		Hydraulic / Electric	Hydraulic / Electric	Hydraulic / Electric	35
	36	Parking Brake	Type		Hand	Hand	Hand	36
	37	Steering	On-demand		Hydraulic	Hydraulic	Hydraulic	37
	38	Traction Motor x2	Rating (1 hour) - 36 Volt / 48 Volt	kW	4.0 / 5.0	4.0 / 5.0	4.0 / 5.0	38
			Control type		MOS-FET Inverter	MOS-FET Inverter	MOS-FET Inverter	
	39	Pump Motor	Rating (20%) - 36 Volt / 48 Volt	kW	8.0 / 11.0	8.0 / 11.0	8.0 / 11.0	39
	BATTERY	40	Recommended Size	L x W x H	in (mm)	38.78 x 20.55 x 25.63 (985 x 522 x 651)	38.78 x 24.88 x 25.63	40
			Battery Compartment Size	L x W x H	in (mm)	39.17 x 20.86 x 25.78 (995 x 530 x 655)	39.17 x 25.19 x 25.78	
				Lead acid - 36 Volt / 48 Volt	Type	18-100-17 / 24-100-13	18-100-15 / 24-100-15	
			Capacity at 6 hour rate	Minimum - 36 / 48 Volt	Ah	680 / 510	680 / 510	750 / 600
Maximum - 36 / 48 Volt				Ah	800 / 600	800 / 600	1000 / 700	
41		Weight	Minimum / Maximum	lb (kg)	1545 / 2425 (700 / 1100)	1545 / 1875 (700 / 850)	2315 / 2535 (1050 / 1150)	41
42		Lead Length	Position B	in (mm)	14 (355)	14 (355)	14 (355)	42
43	Connector		Type	SB-350 Gray	SB-350 Gray	SB-350 Gray	43	

*Turning radius calculated using standard dual cushion tires.