

6,500 / 7,000 / 8,000 lb. capacities

Main Truck Specifications

CHARACTERISTICS				Nissan	Nissan	Nissan	Nissan	
1	Manufacturer's Name			Nissan	Nissan	Nissan	Nissan	1
2	Model	Model designation		CFS65	CF70	CF80	CF80 Boxcar	2
		Long model code		MCU1F2A33LV / DV	MCUG1F2F35LV / DV	MCUG1F2F36LV / DV	MCUG1F2F36LV / DV	
3	Rated Load Capacity		lb (kg)	6500 (3250)	7000 (3500)	8000 (4000)	8000 (4000)	3
4	Load Center	Distance	in (mm)	24 (500)	24 (500)	24 (500)	24 (500)	4
5	Power Type			LP - G/LP	LP - G/LP	LP - G/LP	LP - G/LP	5
6	Operator Orientation			Sit	Sit	Sit	Sit	6
7	Tire Type	Front & rear		Cushion	Cushion	Cushion	Cushion	7
8	Wheels	Number (x=driven) front/rear		2 x /2	2 x /2	2 x /2	2 x /2	8
9	Mast	Maximum fork height	in (mm)	122 (3100)	122 (3100)	122 (3100)	122 (3100)	9
		Standard freelif	in (mm)	8.2 (208)	8.2 (208)	8.2 (208)	8.2 (208)	10
11	Forks	Thickness & width	in (mm)	2 x 5 (50x125)	2 x 5 (50x125)	2 x 5 (50x125)	2 x 5 (50x125)	11
		Length	in (mm)	42 (1070)	42 (1070)	42 (1070)	42 (1070)	
12	Tilt Angle	Standard mast - fwd/back	degree	5/10	5/10	5/10	5/10	12
13	Overall Dimensions	Length (to face of forks)	in (mm)	96.3 (2445)	98.2 (2495)	100 (2540)	94.4 (2400)	13
		Width (standard tires)	in (mm)	43.9 (1115)	45.9 (1165)	45.9 (1165)	45.9 (1165)	14
		Mast lowered (OHL)	in (mm)	82.8 (2103)	83.1 (2110)	83.1 (2110)	83.1 (2110)	15
		Mast extended with LBR	in (mm)	178.5 (4535)	178.7 (4540)	178.7 (4540)	178.7 (4540)	16
		Height - top of OHG	in (mm)	82.1 (2085)	82.3 (2090)	82.3 (2090)	82.3 (2090)	17
		Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	48 (1220)	48 (1220)	18
19	Grade Clearance	Width - standard carriage	in (mm)	40.2 (1020)	40.2 (1020)	40.2 (1020)	40.2 (1020)	19
		Ramp breakover angle	tan (%)	42	44	44	44	20
		Departure angle	tan (%)	26	32	32	41	
		Approach angle	tan (%)	26	24	24	24	
21	Turning Radius	Minimum outside	in (mm)	81.5 (2070)	82.5 (2095)	83.9 (2130)	79.9 (2030)	21
22	Overhang	Front	in (mm)	17.9 (455)	17.9 (455)	17.9 (455)	17.9 (455)	22
		Rear	in (mm)	23.4 (595)	21.3 (540)	23 (585)	17.5 (446)	23
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	100.4 (2550)	102 (2590)	103.5 (2630)	99.6 (2530)	24
25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	10.6 (17)	11.5 (18.5)	11.5 (18.5)	11.5 (18.5)	25
		Lift - full/empty	fpm (mm/sec)	88.6/92.5 (450/470)	88.6/92.5 (450/470)	88.6/92.5 (450/470)	88.6/92.5 (450/470)	26
		Lowering - full/empty	fpm (mm/sec)	82.7/70.9 (420/360)	82.7/70.9 (420/360)	82.7/70.9 (420/360)	82.7/70.9 (420/360)	
27	Drawbar Pull Max.	LP - full load	lb (kg)	4189 (1900)	6228 (2825)	6228 (2825)	6228 (2825)	27
		LP - empty	lb (kg)	1764 (800)	2425 (1100)	2425 (1100)	2425 (1100)	
28	Gradeability Max. (1.2 mph)	LP - full/empty	tan (%)	24 / 16	38 / 18	34 / 15	34 / 15	28
29	Truck Weight	Standard truck - no load	lb (kg)	9825 (4455)	10450 (4740)	11150 (5055)	11286 (5119)	29
30	Weight Distribution	Front axle - empty	lb (kg)	2755 (1250)	3350 (1520)	3145 (1425)	3071 (1393)	30
		Rear axle - empty	lb (kg)	7070 (3205)	7100 (3220)	8005 (3630)	8315 (3771)	
		Front axle - with rated load	lb (kg)	13965 (6335)	15190 (6890)	16855 (7645)	16448 (7461)	
		Rear axle - with rated load	lb (kg)	2250 (1020)	2205 (1000)	2340 (1060)	2993 (1358)	
31	Tire Size	Front	in	21 x 8 x 15	22 x 9 x 16	22 x 9 x 16	22 x 9 x 16	31
		Rear	in	16.25 x 6 x 11.25	18 x 6 x 12.12	18 x 6 x 12.12	18 x 6 x 12.12	
32	Wheelbase		in (mm)	55.1 (1400)	59.1 (1500)	59.1 (1500)	59.1 (1500)	32
33	Tread - Center of Tire	Front	in (mm)	35.8 (910)	37 (940)	37 (940)	37 (940)	33
		Rear	in (mm)	35 (890)	36.6 (930)	36.6 (930)	36.6 (930)	
	Headroom	SIP to bottom of OHG	in (mm)	42.1 (1070)	42.1 (1070)	42.1 (1070)	42.1 (1070)	
	Counterweight Height		in (mm)	45.5 (1155)	46.4 (1180)	46.4 (1180)	50.4 (1280)	
	Step Height		in (mm)	16.5 (420)	17.1 (435)	17.1 (435)	17.1 (435)	
34	Ground Clearance	Under mast	in (mm)	3.1 (80)	3.1 (80)	3.1 (80)	3.1 (80)	34
		Under power unit	in (mm)	3.7 (95)	3.7 (95)	3.7 (95)	3.7 (95)	
		Under frame (WB center)	in (mm)	5.7 (145)	5.7 (145)	5.7 (145)	5.7 (145)	
35	Service Brake	Type		Drum and Shoe	Drum and Shoe	Drum and Shoe	Drum and Shoe	35
36	Parking Brake	Type		Hand	Hand	Hand	Hand	36
37	Steering	Type		Full Hydraulic	Full Hydraulic	Full Hydraulic	Full Hydraulic	37
38	Engine	Model		Nissan K25	Nissan K25	Nissan K25	Nissan K25	38
	Rated Output	SAE gross/JIS - LP	hp/rpm (PS/rpm)	62.9/2700 (63.8/2700)	62.9/2700 (63.8/2700)	62.9/2700 (63.8/2700)	62.9/2700 (63.8/2700)	
	Rated Torque	SAE gross/JIS - LP	ft-lb/rpm (kg-m/rpm)	138.7/1600 (19.2/1600)	138.7/1600 (19.2/1600)	138.7/1600 (19.2/1600)	138.7/1600 (19.2/1600)	
	Displacement		cu in (cm ³)	151.8 (2488)	151.8 (2488)	151.8 (2488)	151.8 (2488)	
39	Transmission	Type		Automatic	Automatic	Automatic	Automatic	39
		Number speeds - fwd/rev		1/1	2/1	2/1	2/1	

*Calculations not representative of maximum gradeability values.