

5,000 lb. capacity

Main Truck Specifications

					Nissan	Nissan	Nissan	
CHARACTERISTICS	1	Manufacturer's Name			Nissan	Nissan	Nissan	1
	2	Model	Model designation		PF50	PFU50	PFD50	2
			Long model code		MP1F2A25JV / LV / DV	MU1F2A25JV / LV / DV	MY1F2A25V	
	3	Rated Load Capacity		lb (kg)	5000 (2500)	5000 (2500)	5000 (2500)	3
	4	Load Center	Distance	in (mm)	24 (500)	24 (500)	24 (500)	4
	5	Power Type			G - LP - G/LP	G - LP - G/LP	Diesel	5
6	Operator Orientation			Sit	Sit	Sit	6	
DIMENSIONS	7	Tire Type	Front & rear		Pneumatic	Pneumatic	Pneumatic	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)	130 (3300)	130 (3300)	130 (3300)	9
			Standard freelif	in (mm)	6.1 (155)	6.1 (155)	6.1 (155)	10
	11	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	1.5 x 4 (40x100)	1.5 x 4 (40x100)	11
			Length	in (mm)	42 (1070)	42 (1070)	42 (1070)	
	12	Tilt Angle	Standard mast - fwd/back	degree	6/12	6/12	6/12	12
	13	Overall Dimensions	Length (to face of forks)	in (mm)	99.4 (2525)	99.4 (2525)	99.4 (2525)	13
			Width (standard tires)	in (mm)	45.3 (1150)	45.3 (1150)	45.3 (1150)	14
			Mast lowered (OHL)	in (mm)	84.4 (2145)	84.4 (2145)	84.4 (2145)	15
			Mast extended with LBR	in (mm)	179.3 (4555)	179.3 (4555)	179.3 (4555)	16
			Height - top of OHG	in (mm)	83.5 (2120)	83.5 (2120)	83.5 (2120)	17
			Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	48 (1220)	18
	20	Grade Clearance	Ramp breakover angle	tan (%)	44	44	44	20
			Departure angle	tan (%)	37	37	37	
			Approach angle	tan (%)	32	32	32	
	21	Turning Radius	Minimum outside	in (mm)	85.8 (2180)	85.8 (2180)	85.8 (2180)	21
	22	Overhang	Front	in (mm)	17.9 (455)	17.9 (455)	17.9 (455)	22
			Rear	in (mm)	18.5 (470)	18.5 (470)	18.5 (470)	23
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	103.7 (2635)	103.7 (2635)	103.7 (2635)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	12.1 (19.5)	12.1 (19.5)	12.1 (19.5)	25
			Lift - full/empty	fpm (mm/sec)	118.1/127.9 (600/650)	129.9/137.8 (660/700)	127.9/137.8 (650/700)	26
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)	98.4 (500)	
	27	Drawbar Pull Maximum	Full load	lb (kg)	3836 (1740)	4145 (1880)	4497 (2040)	27
Empty			lb (kg)	3439 (1560)	3439 (1560)	3858 (1750)		
28	Gradeability Max (1.2 mph)	Full/empty	tan (%)	33 / 24	38 / 24	35 / 24	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	8080 (3665)	8080 (3665)	8420 (3820)	29
	30	Weight Distribution	Front axle - empty	lb (kg)	3240 (1470)	3240 (1470)	3395 (1540)	30
			Rear axle - empty	lb (kg)	4840 (2195)	4840 (2195)	5025 (2280)	
			Front axle - with rated load	lb (kg)	11475 (5205)	11475 (5205)	11630 (5275)	
			Rear axle - with rated load	lb (kg)	1565 (710)	1565 (710)	1755 (795)	
CHASSIS & WHEELS	31	Tire Size	Front	in	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	31
			Rear	in	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	
	32	Wheelbase		in (mm)	63 (1600)	63 (1600)	63 (1600)	32
	33	Tread - Center of Tire	Front / rear	in (mm)	37.8/38.4 (960/975)	37.8/38.4 (960/975)	37.8/38.4 (960/975)	33
			Front dual tires	in (mm)	47.4 (1205)	47.4 (1205)	47.4 (1205)	
		Headroom	SIP to bottom of OHG	in (mm)	42.5 (1080)	42.5 (1080)	42.5 (1080)	
		Counterweight Height		in (mm)	42.1 (1070)	42.1 (1070)	42.1 (1070)	
		Step Height		in (mm)	17.9 (455)	17.9 (455)	17.9 (455)	
	34	Ground Clearance	Under mast	in (mm)	4.5 (115)	4.5 (115)	4.5 (115)	34
			Under power unit	in (mm)	5.3 (135)	5.3 (135)	5.3 (135)	
			Under frame (WB center)	in (mm)	6.1 (155)	6.1 (155)	6.1 (155)	
35	Service Brake	Type		Drum and Shoe	Drum and Shoe	Drum and Shoe	35	
36	Parking Brake	Type		Hand	Hand	Hand	36	
DRIVE LINE	37	Steering	Type		Full Hydraulic	Full Hydraulic	Full Hydraulic	37
	38	Engine	Model		Nissan K21	Nissan K25	Nissan QD32	38
		Rated Output	SAE gross/JIS	hp/rpm (PS/rpm)	55/2700 (55.7/2700)	62.9/2700 (63.8/2700)	55/2000 (55.7/2000)	
		Rated Torque	SAE gross/JIS	ft-lb/rpm (kg-m/rpm)	111.4/2000 (15.4/2000)	138.7/1600 (19.2/1600)	143.8/1800 (19.9/1800)	
		Displacement		cu in (cm3)	126 (2065)	151.8 (2488)	192.4 (3153)	
	39	Transmission	Type		Automatic	Automatic	Automatic	39
Number speeds - fwd/rev				1/1	1/1	1/1		

* Calculations not representative of maximum gradeability values.