

5,000 lb. capacity

Main Truck Specifications

CHARACTERISTICS	1	Manufacturer's Name		Nissan	1	
	2	Model	Model designation	AF50	2	
			Long model code	MAP1F2A25LV / DV		
	3	Rated Load Capacity		lb (kg)	5000 (2500)	3
	4	Load Center	Distance	in (mm)	24 (500)	4
	5	Power Type			LP - G/LP	5
6	Operator Orientation			Sit	6	
DIMENSIONS	7	Tire Type	Front & rear		Pneumatic	7
	8	Wheels	Number (x=driven) front/rear		2 x / 2	8
	9	Mast	Maximum fork height	in (mm)	130 (3300)	9
			Standard freelif	in (mm)	8.5 (216)	10
	11	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	11
			Length (STD)	in (mm)	42 (1070)	
	12	Tilt Angle	Standard mast - fwd/back	degree	5/10	12
	13	Overall Dimensions	Length (to face of forks)	in (mm)	92.9 (2360)	13
			Width (standard tires)	in (mm)	46.3 (1175)	14
			Mast lowered (OHL)	in (mm)	83.1 (2110)	15
			Mast extended with LBR	in (mm)	167.1 (4245)	16
			Height - top of OHG	in (mm)	82.3 (2090)	17
			Height - top of standard LBR	in (mm)	48 (1220)	18
	19	Grade Clearance	Ramp breakover angle	tan (%)	39	20
			Departure angle	tan (%)	40	
			Approach angle	tan (%)	25	
	21	Turning Radius	Minimum outside	in (mm)	80.7 (2050)	21
	22	Overhang	Front	in (mm)	15.2 (385)	22
			Rear	in (mm)	17.7 (450)	23
24	Min Right Angle Stack	Add load length & clearance	in (mm)	97.2 (2470)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	10.6 (17)	25
			Lift - full/empty	fpm (mm/sec)	122/127.9 (620/650)	26
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	
	27	Drawbar Pull Maximum	Full	lb (kg)	3748 (1700)	27
Empty			lb (kg)	2183 (992)		
28	Gradeability Maximum	Full/empty	tan (%)	33 / 21	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	7915 (3590)	29
	30	Weight Distribution	Front axle - empty	in (mm)	2670 (1210)	30
			Rear axle - empty	in (mm)	5245 (2380)	
			Front axle - with rated load	in (mm)	10970 (4975)	
Rear axle - with rated load			in (mm)	1905 (865)		
CHASSIS & WHEELS	31	Tire Size	Front	in	21 x 8 - 9 Solid	31
			Rear	in	18 x 7 - 8 Solid	
	32	Wheelbase		in (mm)	59.1 (1500)	32
	33	Tread - Center of Tire	Front / rear	in (mm)	38.4/36.6 (975/930)	33
		Headroom	SIP to bottom of OHG	in (mm)	42.1 (1070)	
		Counterweight Height		in (mm)	42.3 (1075)	
		Step Height		in (mm)	16.1 (410)	
	34	Ground Clearance	Under mast	in (mm)	3 (75)	34
			Under power unit	in (mm)	3.7 (95)	
			Under frame (WB center)	in (mm)	5.1 (130)	
35	Service Brake	Type		Drum and Shoe	35	
36	Parking Brake	Type		Hand	36	
DRIVE LINE	37	Steering	Type		Full Hydraulic	37
	38	Engine	Manufacturer / Model		Nissan K21	38
		Rated Output	SAE gross/JIS	hp/rpm (PS/rpm)	55/2700 (55.7/2700)	
		Rated Torque	SAE gross/JIS	ft-lb/rpm (kg-m/rpm)	111.4/2000 (15.4/2000)	
		Displacement		cu in (cm ³)	126 (2065)	
	39	Transmission	Type		Automatic	39
Number speeds - fwd/rev				1/1		