

NISSAN
FORKLIFT

Platinum II Nomad Series

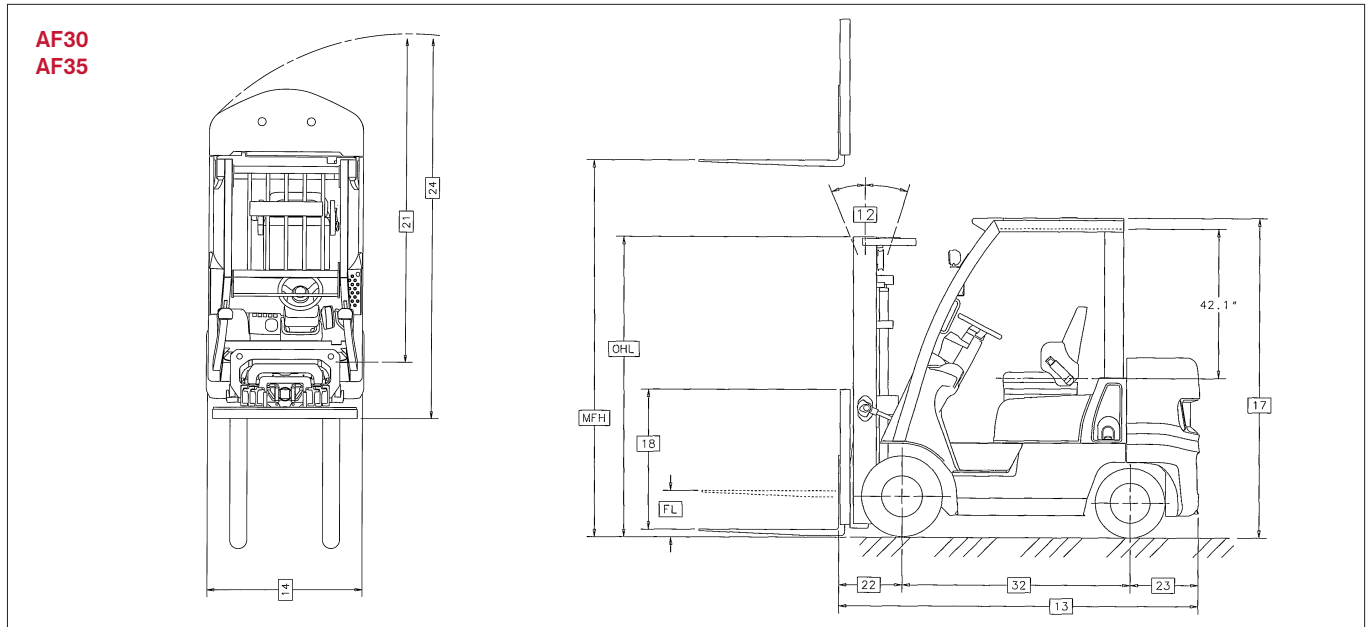
Compact Solid Pneumatic Tire / Engine Powered Models / LPG, Dual Fuel

3,000 / 3,500 / 5,000 lb.
Capacities



Platinum II Nomad series

Dimensions



Mast Specifications & Rated Capacities

	Mast Name	Maximum Fork Height	Overall Height Lowered	Free Lift	Tilt Angle Forward/Backward	Rated Capacity at 24" Load Center	
						AF30	AF35
TWO STAGE (Wide view 2W)	2W270	106	72.5	6.2	5/5	3000	3500
	2W300	118	78.4	6.2	5/10	3000	3500
	2W330	130	84.3	6.2	5/10	3000	3500
	2W350	138	89.6	6.2	5/10	3000	3500
	2W370	146	94.5	6.2	5/10	3000	3500
	2W400	157	102	6.2	5/10	2950	3400
	2W450	177	111.9	6.2	5/5	2800	3300
	2W500	197	121.7	6.2	5/5	1300	3100
TWO STAGE (Full free 2F)	2F270	105.5	74	47.4	5/10	3000	3500
	2F300	117.5	80	53.4	5/10	3000	3500
	2F330	129.5	86	59.4	5/10	3000	3500
	2F350	137.5	90	63.4	5/10	3000	3400
	2F370	145.5	94	67.4	5/10	2900	3350
	2F400	157.5	100	73.4	5/10	2850	3300
THREE STAGE (Full free 3F)	3F385	152	72.5	46.8	5/5	2900	3400
	3F430	169	78.4	52.7	5/5	2800	3100
	3F475	187	84.3	58.6	5/5	2600	2900
	3F515	203	89.6	63.9	5/5	2300	2600
	3F550	217	94.5	68.9	5/5	2100	2400
	3F600	236	102	76.3	5/5	1800	2000
	3F650	256	111.9	86.2	5/5	1700	1800
THREE STAGE Optiview (3V)	3V360	142	72.5	47.6	5/5	2850	3200
	3V405	159	78.4	53.5	5/5	2700	3100
	3V450	177	84.3	59.4	5/5	2600	2700
	3V490	193	89.6	64.8	5/5	2400	2600
	3V525	207	94.5	59.7	5/5	2100	2300
	3V575	226	102	77.2	5/5	1800	2100
	3V633	249	111.9	87	5/5	1600	1900

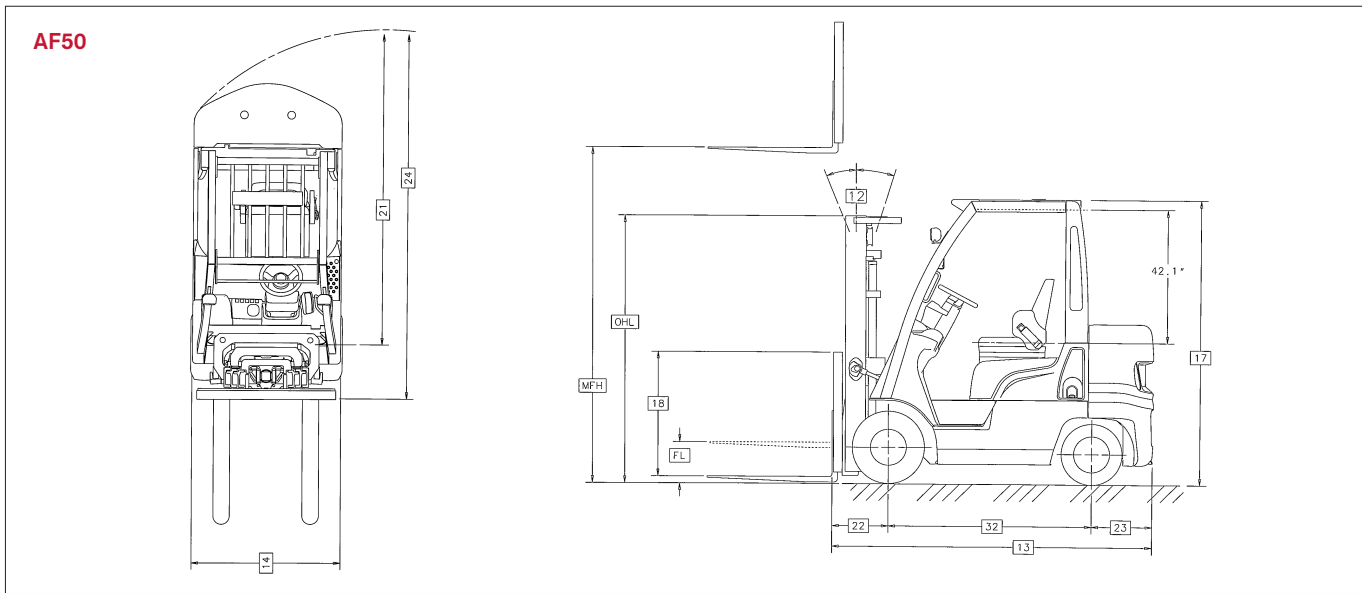
3,000 / 3,500 lb. capacities

Main Truck Specifications

CHARACTERISTICS				Nissan Forklift	Nissan Forklift	
1	Manufacturer's Name			Nissan Forklift	Nissan Forklift	1
2	Model	Model designation		AF30	AF35	2
		Long model code		MAP1F1A15LV / DV	MAP1F1A18LV / DV	
3	Rated Load Capacity		lb (kg)	3000 (1500)	3500 (1750)	3
4	Load Center	Distance	in (mm)	24 (500)	24 (500)	4
5	Power Type			LP - G/LP	LP - G/LP	5
6	Operator Orientation			Sit	Sit	6
7	Tire Type	Front & rear		Pneumatic	Pneumatic	7
8	Wheels	Number (x=driven) front/rear		2 x / 2	2 x / 2	8
9	Mast	Maximum fork height	in (mm)	130 (3300)	130 (3300)	9
		Standard freelif	in (mm)	6.2 (155)	6.2 (155)	10
11	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	1.5 x 4 (40x100)	11
		Length (STD)	in (mm)	42 (1070)	42 (1070)	
12	Tilt Angle	Standard mast - fwd/back	degree	5 / 10	5 / 10	12
13	Overall Dimensions	Length (to face of forks)	in (mm)	83.9 (2130)	85.0 (2160)	13
		Width (standard tires)	in (mm)	40.7 (1035)	40.7 (1035)	14
		Mast lowered (OHL)	in (mm)	84.3 (2140)	84.3 (2140)	15
		Mast extended with LBR	in (mm)	179.3 (4555)	179.3 (4555)	16
		Height - top of OHG	in (mm)	83 (2110)	82.7 (2100)	17
		Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	18
		Width - standard carriage	in (mm)	36.2 (920)	36.2 (920)	19
20	Grade Clearance	Ramp breakover angle	tan (%)	51	51	20
		Departure angle	tan (%)	42	40	
		Approach angle	tan (%)	36	36	
21	Turning Radius	Minimum outside	in (mm)	72.6 (1845)	73.8 (1875)	21
22	Overhang	Front	in (mm)	15.4 (390)	15.4 (390)	22
		Rear	in (mm)	17.7 (450)	18.9 (480)	23
24	Min Right Angle Stack	Add load length & clearance	in (mm)	88 (2235)	89.2 (2265)	24
25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	10.6 (17)	10.6 (17)	25
		Lift - full/empty	fpm (mm/sec)	122/127.9 (620/650)	122/127.9 (620/650)	26
		Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)	
27	Drawbar Pull Maximum	Full	lb (kg)	3748 (1700)	3748 (1700)	27
		Empty	lb (kg)	1984 (902)	1984 (902)	
28	Gradeability Max (1.2 mph)	Full/empty	tan (%)	34 / 28	40 / 26	28
29	Truck Weight	Standard truck - no load	lb (kg)	5860 (2660)	6245 (2835)	29
30	Weight Distribution	Front axle - empty	lb (kg)	2275 (1030)	2160 (980)	30
		Rear axle - empty	lb (kg)	3585 (1630)	4085 (1855)	
		Front axle - with rated load	lb (kg)	7600 (3570)	8375 (3940)	
		Rear axle - with rated load	lb (kg)	1260 (590)	1370 (645)	
31	Tire Size	Front	in	6.00 x 9 Solid	6.00 x 9 Solid	31
		Rear	in	5.00 x 8 Solid	5.00 x 8 Solid	
32	Wheelbase		in (mm)	50.8 (1290)	50.8 (1290)	32
33	Tread - Center of Tire	Front & rear	in (mm)	34.3/34.8 (870/885)	34.3/34.8 (870/885)	33
		Headroom	SIP to bottom of OHG	in (mm)	42.1 (1070)	42.1 (1070)
	Counterweight Height		in (mm)	46.9 (1190)	46.9 (1190)	
	Step Height		in (mm)	18.3 (465)	18.3 (465)	
34	Ground Clearance	Under mast	in (mm)	3.9 (100)	3.9 (100)	34
		Under power unit	in (mm)	3.7 (95)	3.7 (95)	
		Under frame (WB center)	in (mm)	5.5 (140)	5.5 (140)	
35	Service Brake	Type		Drum and Shoe	Drum and Shoe	35
36	Parking Brake	Type		Hand	Hand	36
37	Steering	Type		Full Hydraulic	Full Hydraulic	37
38	Engine	Manufacturer/Model		Nissan K21	Nissan K21	38
	Rated Output	SAE gross	hp (kW) @ rpm	55 (41) @ 2700	55 (41) @ 2700	
	Rated Torque	SAE gross	ft-lb (Nm) @ rpm	111.4 (151) @ 2000	111.4 (151) @ 2000	
	Displacement		cu in (cm³)	126 (2065)	126 (2065)	
39	Transmission	Type		Automatic	Automatic	39
		Number speeds - fwd/rev		1/1	1/1	

Platinum II Nomad series

Dimensions



Mast Specifications & Rated Capacities

	Mast Name	Maximum Fork Height	Overall Height Lowered	Free Lift	Tilt Angle Forward/Backward	Rated Capacity at 24" Load Center
TWO STAGE (Wide view 2W)	2W270	106	70.9	4.2	5/10	5000
	2W300	118	76.9	4.2	5/10	5000
	2W330	130	82.8	4.2	5/10	5000
	2W350	138	88.1	4.2	5/10	5000
	2W370	146	93	4.2	5/10	5000
	2W400	157	100.5	4.2	5/10	4950
	2W450	177	110.3	4.2	5/5	4850
	2W500	197	120.2	4.2	5/5	4700
TWO STAGE (Full free 2F)	2F270	105.5	74	47.4	5/10	5000
	2F300	117.5	80	53.4	5/10	5000
	2F330	129.5	86	59.4	5/10	5000
	2F350	137.5	90	63.4	5/10	5000
	2F370	145.5	94	67.4	5/10	5000
	2F400	157.5	100	73.4	5/10	4850
THREE STAGE (Full free 3F)	3F385	152	71.3	46.9	5/5	4950
	3F430	169	77.2	52.8	5/5	4800
	3F475	187	83.1	58.7	5/5	4350
	3F515	203	88.4	64	5/5	3900
	3F550	217	93.3	68.9	5/5	3550
	3F600	236	100.8	76.4	5/5	3100
	3F650	256	110.6	86.2	5/5	2700
	3F700	276	120.5	96.1	5/5	2000
THREE STAGE Optiview (3V)	3V360	142	71.3	47.8	5/5	4950
	3V405	159	77.2	53.7	5/5	4800
	3V450	177	83.1	59.6	5/5	4350
	3V490	193	88.4	64.9	5/5	4250
	3V525	207	93.3	69.8	5/5	3550
	3V575	226	100.8	77.3	5/5	3100
	3V633	249	110.6	87.2	5/5	2400
	3V688	271	120.5	97	5/5	2000

5,000 lb. capacity

Main Truck Specifications

CHARACTERISTICS	1	Manufacturer's Name		Nissan Forklift	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)	4.2 (105)	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)	82.8 (2100)	15
			Mast extended with LBR	in (mm)	179.3 (4555)	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)	16.1 (410)	22
			Rear	in (mm)	17.7 (450)	23
24	Min Right Angle Stack	Add load length & clearance	in (mm)	96.8 (2460)	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 Max (1.2 mph)	Full/empty	tan (%)	28 / 21	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	7910 (3585)	29
	30	Weight Distribution	Front axle - empty	in (mm)	2665 (1210)	30
			Rear axle - empty	in (mm)	5245 (2375)	
			Front axle - with rated load	in (mm)	10225 (4795)	
Rear axle - with rated load			in (mm)	1685 (790)		
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)	2.8 (70)	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	hp (kW) @ rpm	55 (41) @ 2700	
		Rated Torque	SAE gross	ft-lb (Nm) @ rpm	111.4 (151) @ 2000	
		Displacement		cu in (cm ³)	126 (2065)	
	39	Transmission	Type		Automatic	39
Number speeds - fwd/rev				1/1		

Platinum II Nomad Series

Technical Information

Standard Equipment

1. Nissan's own K21 industrial engine with Electronic Concentrated Control System (ECCS)
2. Electronic fuel injected technology with single-port fuel injection (LP) / multi-port injection (Gas)
3. Low emission levels, well below EPA Tier II and CARB requirements
4. Engine/transmission protection and warning system to safeguard your investment
5. Operator Presence System includes seat-actuated power interrupt, auto-mast lock, return-to-neutral, audio and visual warnings
6. Full suspension seat with operator restraint system
7. Seat belt warning system, horn, and back-up alarm
8. Tilt-adjustable steering wheel with memory
9. Multi-function LCD display with operator PIN security access
10. Hour meter, clock, and calendar
11. On-board diagnostics and programmable service reminder
12. Speedometer and F/N/R transmission indicator
13. Engine coolant temperature gauge and low fuel warning light (LP) / fuel gauge (Gas)
14. Cushioned stability control
15. Automatic transmission with drive-by-wire throttle control
16. Hydrostatic power steering
17. Single lift/tilt hydraulic control lever
18. High air intake system combined with cyclone air filter

19. Swing-out LP bracket
20. Overhead guard mounted headlights
21. 5-piece reinforced overhead guard
22. One-piece, no-tool floorboard

Optional Equipment

1. Ground speed control (high/low speed settings) and controlled acceleration mode
2. Dual fuel engine for LP and Gasoline
3. UL safety ratings available for LP fuel types*
4. Swing-down LP bracket*
5. Separate lift & tilt hydraulic control levers
6. Fingertip controls*
7. Steering wheel with spinner knob
8. Swivel seat with rear OHG mounted assist grip with horn button*
9. Recycler Special package
10. Drive-in racking (30" at 60" / 28" at 54")*
11. Extra tilt
12. Open core radiator with straight fin & in-line tube design
13. Radiator screen
14. Diffusion exhaust muffler
15. Overhead guard mounted pre-cleaner
16. Rear combination light package
17. Rotating beacons & strobe lights
18. Rear work light

Operator Comfort and Control

A spacious operator compartment provides generous foot, leg and head room for a variety of driver sizes. A standard full suspension seat with soft touch arm pads and hip restraint provides maximum operator comfort and enhanced safety. Its low profile design offers ample head clearance, while front to back travel adjustment allows a comfortable, customized fit for nearly any operator height.

The Nomad's, tilt-adjustable steering wheel includes a memory lever, to help the operator quickly find his or her ideal driving position, while its compact design offers enhanced control and handling. Hydrostatic power steering minimizes steer effort and operator fatigue. An optional swivel seat produces greater operator comfort and visibility while driving in reverse, and includes a rear assist grip with horn button to further enhance operator productivity and maintain greater control.*

Automotive-style light and turn signal levers simplify repetitive actions allowing the operator to focus on the job. Optional features designed to enhance load handling efficiency and boost operator productivity include our exclusive three-stage OPTIVIEW mast, providing up to 50% greater visibility. There's also an optional auto tilt leveling system to assist proper mast/fork positioning.

Enhanced comfort results from the Nomad's Operator Comfort System, which includes a full suspension seat, pedals mounted to the chassis frame, and rubber shock absorbers located throughout the vehicle to reduce vibration from the engine and transmission to the operator.

Technical Information compact pneumatic models

Technical Information

The versatility of Nissan Forklift's Nomad makes this the right lift truck for a variety of applications. Riding on solid pneumatic tires, its compact design provides both excellent maneuverability inside the warehouse and rugged performance outside on improved surfaces. Powered by Nissan's own LPG and Dual Fuel K21 electronic fuel injected engine technology, the Nomad Series delivers exceptional performance and enhanced fuel efficiency, with emission levels well below EPA requirements. With features designed to benefit the **Owner, Operator and Environment**, the Platinum II's Nomad Series has achieved a perfect balance.

Enhanced Work Environment

Several standard features are included in the Platinum II Nomad Series to deliver a more comfortable and productive work environment for the operator and those in the surrounding area. Our cushioned stability control design incorporates a maintenance-free rubber dampener located between the rear axle and body to enhance lateral stability under normal driving conditions.

The Nissan K-series engines offer extremely low noise levels at the operator's ear during idle and at maximum travel speeds. An optional ground speed control feature is available to control high or low maximum speed settings, while a controlled acceleration mode adjusts throttle sensitivity to increase fuel efficiency, extend drivetrain life and reduce excessive tire wear.

The Nomad's Operator Presence System, with seat-actuated power interrupt, incorporates a mast-lock which automatically locks out lift, lower and tilt when the operator leaves the seat, and a return to neutral feature minimizes forklift movement if the operator leaves the seat while the lift truck is still in gear. This presence system also includes

audible and visual warnings if either the seat belt is not engaged while in travel mode, or when the parking brake has not been applied prior to the operator exiting the compartment.

A welded metal assist grip combined with a replaceable metal traction plate that's bolted to the truck's wide, low-entry step, provides the operator with sure, comfortable footing and grip for this often repeated task. Nissan Forklift's own swing-down LP bracket design uses a gas spring assist to reduce operator effort during tank replacement. This optional feature also incorporates an adjustable bracket to fit various tank sizes.*

Electronic Fuel Injection Engine Technology

Platinum II Nomad Series models are powered by Nissan's own K21 (2.1 liter) electronic fuel injected industrial engine. The Electronic Concentrated Control System (ECCS) analyzes engine performance parameters and optimizes engine operation, resulting in enhanced productivity and lower fuel consumption. This system includes three main components: Engine Control Module (ECM), Vehicle Control Module (VCM), and Multi-function LCD Display.

The ECM responds to sensor input by controlling basic engine-related functions, such as proper air/fuel ratio, torque and speed, based on the requirements of the application. The VCM monitors a number of sensors to alert the operator of changing conditions via a full range of warning indicators located on the truck's LCD display. All communication among these components occurs through a Controller Area Network (CAN) system.

Nissan's K-series engines use the same proven block design and bottom by-pass cooling system as its predecessor, the H-series engine.

These enhanced engines are specifically designed and tested for industrial applications in order to deliver all the power and torque (in the low rpm range) to meet the needs of the application. As an added safeguard for your investment, the Nomad's K21 engine includes an engine/transmission protection and warning system to reduce the speed in the event of excessive heat generation or low oil pressure.

Low Emission Engines

Our global commitment to preserving and protecting the environment is evident in the Platinum II Nomad Series' ECCS engines, providing exceptionally low emission levels that are well below EPA Tier II and CARB requirements. Nissan Forklift is the first lift truck manufacturer to receive EPA and CARB certification for their own line-up of industrial engines. The K21's combination of ECCS and three-way catalytic system, which includes an automotive-type closed-loop design, provides enhanced fuel economy and cleaner exhaust emissions.

Ease of Maintenance

No tools are required to remove the one-piece diamond tread floorboard promoting fast, simple access to hydraulic components and grease fittings. Detachable side panels* and a wide-open clamshell hood provide a roomy area for service technicians to perform their tasks. The five-piece reinforced overhead guard simplifies replacement of individual components if necessary, saving time and money. An opening in the dash panel allows for quick and easy brake fluid checks.

A new multi-function LCD display includes on-board diagnostics to keep service time low, with a service reminder in order to stay current with periodic maintenance needs. Its display design provides the operator with excellent visibility and understanding of warning indicators.

*Available on 5,000-lb. model only.

Option Availability

Platinum II Nomad Series Compact Pneumatic Models

Standard S Option O

		Fuel Types	
		LP	Dual Fuel
Vehicle Management	Vehicle Control Module (VCM)	S	S
	Multi-function LCD display	S	S
	Security PIN access	S	S
	On-board diagnostics and service reminder	S	S
	Engine coolant temperature gauge	S	S
	Oil pressure, transmission fluid temperature and coolant temperature warning light	S	S
	Low LP fuel warning light	S	S
	Gas gauge	-	S
Powertrain	Electronic Concentrated Control System (ECCS)	S	S
	Engine/transmission protection system	S	S
	Automatic return-to-neutral	S	S
	Three-way catalytic converter	S	S
	Cushioned stability control	S	S
	Ground speed control – high/low speed selector	O	O
	Controlled acceleration – power/economy modes	O	O
	Radiator screen	O	O
	Diffusion exhaust muffler	O	O
	UL Safety rating*	O	-
LP System	Swing-out LP bracket	S	S
	Swing-down LP bracket*	O	O
Brake	Parking brake with warning buzzer	S	S
Mast	Seat actuated auto-mast lock system	S	S
	Optiview three-stage mast	O	O
Hydraulic System	Single lift/tilt control lever	S	S
	Separate lift & tilt control levers	O	O
	Auto-tilt leveling system	O	O
	Hydraulic load sensing valve system	S	S
Steering System	Tilt steering wheel with memory lock	S	S
	Hydrostatic power steering system	S	S
Operator Conveniences	Full suspension seat	S	S
	OHG-mounted headlights	S	S
	Back-up warning buzzer	S	S
	Rearview mirrors	O	O
	Rear combination light package	O	O
	Rear work light	O	O
	Strobe lights & rotating beacons	O	O

* Available on 5,000-lb. model only.



3000-lb, 3500-lb



5000-lb



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GREEN PROGRAM



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Platinum II Series

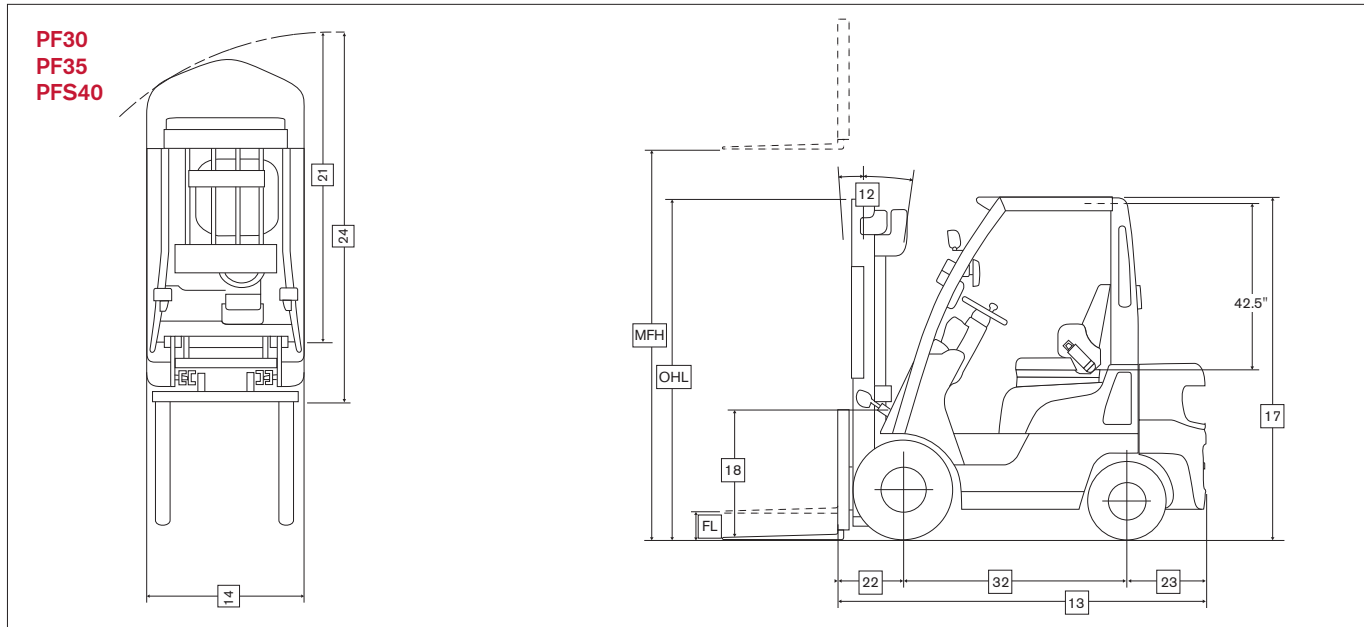
Pneumatic Tire / Engine Powered Models / LPG, Gasoline, Dual Fuel, Diesel

3,000 – 7,000 lb.
Capacities



Platinum II pneumatic series

Dimensions



Mast Specifications & Rated Capacities

	Mast Name	Maximum Fork Height	Overall Height Lowered	Free Lift	Tilt Angle Forward/Backward	Rated Capacity at 24" Load Center		
						PF30	PF35	PFS40
TWO STAGE (Wide view 2W)	2W270	106	72.6	6.2	6/12	3000	3500	4000
	2W300	118	78.5	6.2	6/12	3000	3500	4000
	2W330	130	84.4	6.2	6/12	3000	3500	4000
	2W350	138	89.8	6.2	6/12	3000	3500	4000
	2W370	146	94.7	6.2	6/12	3000	3500	4000
	2W400	157	102.2	6.2	6/6	3000	3500	3850
	2W450	177	112.0	6.2	6/6	2900	3200	3450
2W500	197	121.9	6.2	6/6	2650	3100	3200	
TWO STAGE (Full free 2F)	2F300	118	78.5	53.6	6/10	3000	3500	4000
	2F330	130	84.4	59.5	6/10	3000	3500	4000
	2F350	138	89.8	64.8	6/10	3000	3500	4000
	2F370	146	94.7	69.8	6/10	3000	3400	3900
	2F400	157	102.2	77.2	6/6	2900	3300	3800
THREE STAGE (Full free 3F)	3F385	152	72.6	47.0	6/6	2900	3300	3850
	3F430	169	78.5	52.9	6/6	2800	3200	3550
	3F475	187	84.4	58.8	6/6	2700	3100	3450
	3F515	203	89.8	64.1	6/6	2600	2800	3150
	3F550	217	94.7	69.0	6/6	2350	2600	2700
	3F600	236	102.2	76.5	6/6	1300	1500	1800
	3F650	256	112.0	86.3	6/6	1200	1400	1700
	3F700	276	121.9	96.2	6/6	1100	1300	1600
THREE STAGE OPTIVIEW™ (3V)	3V360	142	72.6	48.4	6/6	2900	3300	3700
	3V405	159	78.5	54.3	6/6	2800	3200	3550
	3V450	177	84.4	60.2	6/6	2700	3100	3450
	3V490	193	89.8	65.5	6/6	2600	2800	3150
	3V525	207	94.7	70.4	6/6	2350	2600	2700
	3V575	226	102.2	77.9	6/6	1300	1500	1800
	3V633	249	112	87.8	6/6	1200	1400	1700
	3V688	271	121.9	97.6	6/6	1100	1300	1600

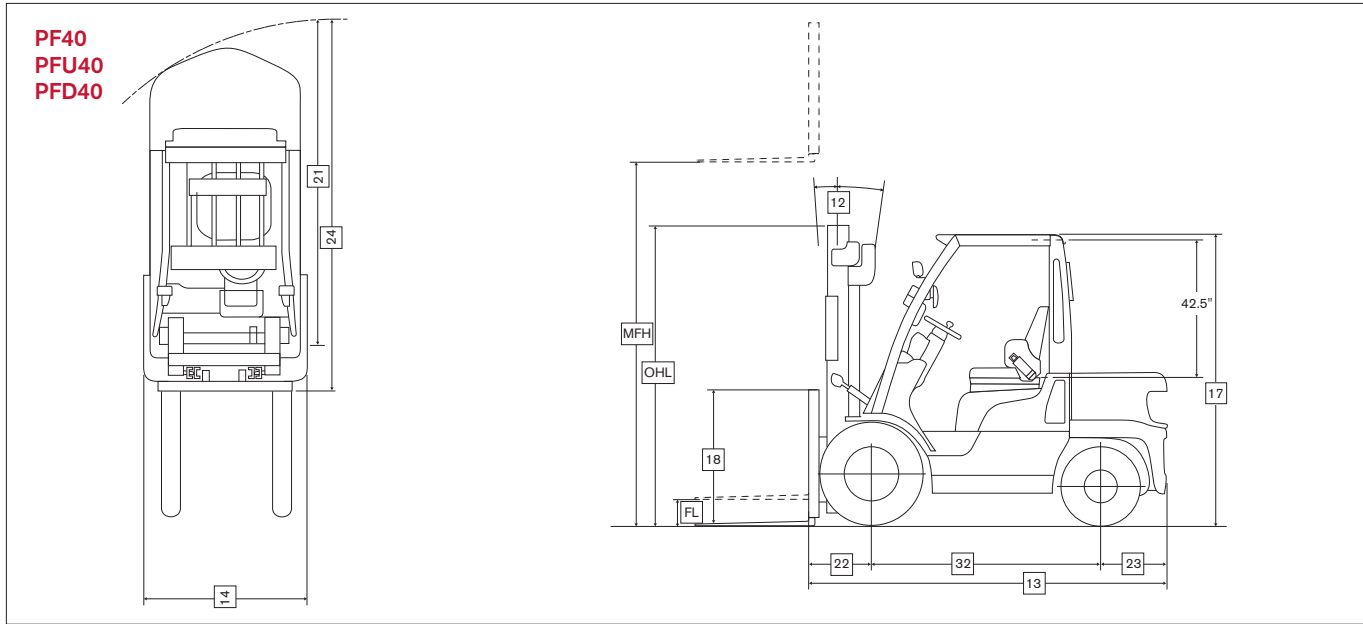
3,000 / 3,500 / 4,000 lb. capacities

Main Truck Specifications

					Nissan	Nissan	Nissan	
CHARACTERISTICS	1	Manufacturer's name			Nissan	Nissan	Nissan	1
	2	Model	Model Designation		PF30	PF35	PFS40	2
			Long Model Code		MP1F1A15JV / LV / DV	MP1F1A18JV / LV / DV	MP1F1A20JV / LV / DV	
	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			G - LP - G/LP	G - LP - G/LP	G - LP - G/LP	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)	6.2 (160)	6.2 (160)	6.2 (160)	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)	89.0 (2260)	90.2 (2290)	91.3 (2320)	13
			Width (standard tires)	in (mm)	41.9 (1065)	41.9 (1065)	41.9 (1065)	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)	83.3 (2115)	83.3 (2115)	83.3 (2115)	17
			Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	48 (1220)	18
			Width - standard carriage	in (mm)	36.2 (920)	36.2 (920)	36.2 (920)	19
	20	Grade Clearance	Ramp breakover angle	tan (%)	49	49	49	20
			Departure angle	tan (%)	39	37	35	
			Approach angle	tan (%)	37	37	37	
	21	Turning Radius	Minimum outside	in (mm)	76.2 (1935)	77.6 (1970)	79.1 (2010)	21
	22	Overhang	Front	in (mm)	15.7 (400)	15.7 (400)	15.7 (400)	22
Rear			in (mm)	18.1 (460)	19.3 (490)	20.5 (520)	23	
24	Min Right Angle Stack	Add load length & clearance	in (mm)	91.9 (2335)	93.3 (2370)	94.9 (2410)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	11.5 (18.5)	11.5 (18.5)	11.5 (18.5)	25
	26		Lift - full/empty	fpm (mm/sec)	122/127.9 (620/650)	122/127.9 (620/650)	122/127.9 (620/650)	26
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)	98.4 (500)	
	27	Drawbar Pull Max	Full load	lb (kg)	3705 (1680)	3705 (1680)	3705 (1680)	27
Empty			lb (kg)	2470 (1120)	2646 (1200)	2932 (1330)		
28	Gradeability Max (1.2 mph)	Full/empty	tan (%)	31 / 28	38 / 24	33 / 21	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	5810 (2635)	6175 (2800)	6505 (2950)	29
	30	Weight Distribution	Front axle - empty	lb (kg)	2540 (1150)	2440 (1105)	2340 (1060)	30
			Rear axle - empty	lb (kg)	3270 (1485)	3735 (1695)	4165 (1890)	
			Front axle - with rated load	lb (kg)	7710 (3620)	8475 (3985)	9235 (4350)	
			Rear axle - with rated load	lb (kg)	1100 (515)	1200 (565)	1270 (600)	
CHASSIS & WHEELS	31	Tire Size	Front	in	6.50-10-10PR	6.50-10-10PR	6.50-10 Solid	31
			Rear	in	5.00-8-8-PR	5.00-8-8-PR	5.00-8 Solid	
	32	Wheelbase		in (mm)	55.1(1400)	55.1(1400)	55.1(1400)	32
	33	Tread - Center of Tire	Front / rear	in (mm)	35/35.4 (890/900)	35/35.4 (890/900)	35/35.4 (890/900)	33
			Front dual tires	in (mm)	43.1 (1095)	43.1 (1095)	43.1 (1095)	
		Headroom	SIP to bottom of OHG	in (mm)	42.5 (1080)	42.5 (1080)	42.5 (1080)	
		Counterweight Height		in (mm)	41.9 (1065)	41.9 (1065)	41.9 (1065)	
		Step Height		in (mm)	17.7 (450)	17.7 (450)	17.7 (450)	
	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)	5.9 (150)	5.9 (150)	5.9 (150)	
35	Service Brake	Type		Drum and Shoe	Drum and Shoe	Drum and Shoe	35	
36	Parking Brake	Type		Hand	Hand	Hand	36	
37	Steering	Type		Full Hydraulic	Full Hydraulic	Full Hydraulic	37	
DRIVE LINE	38	Engine	Manufacturer / Model		Nissan K21	Nissan K21	Nissan K21	38
		Rated Output	SAE gross	hp (kW) @ rpm	55 (41) @ 2700	55 (41) @ 2700	55 (41) @ 2700	
		Rated Torque	SAE gross	ft-lb (Nm) @ rpm	111.4 (151) @ 2000	111.4 (151) @ 2000	111.4 (151) @ 2000	
		Displacement		cu in (cm ³)	126 (2065)	126 (2065)	126 (2065)	
	39	Transmission	Type		Automatic	Automatic	Automatic	39
			Number speeds - fwd/rev		1/1	1/1	1/1	

Platinum II pneumatic series

Dimensions



Mast Specifications & Rated Capacities

	Mast Name	Maximum Fork Height	Overall Height Lowered	Free Lift	Tilt Angle Forward/Backward	Rated Capacity at 24" Load Center
TWO STAGE (Wide view 2W)	2W270	106	72.6	6.1	6/12	4000
	2W300	118	78.5	6.1	6/12	4000
	2W330	130	84.4	6.1	6/12	4000
	2W350	138	89.8	6.1	6/12	4000
	2W370	146	94.7	6.1	6/12	4000
	2W400	157	102.2	6.1	6/6	4000
	2W450	177	112.0	6.1	6/6	3850
	2W500	197	121.9	6.1	6/6	3450
TWO STAGE (Full free 2F)	2F300	118	78.5	53.5	6/12	4000
	2F330	130	84.4	59.4	6/12	4000
	2F350	138	89.8	64.7	6/12	4000
	2F370	146	94.7	69.6	6/12	4000
	2F400	157	102.2	77.1	6/6	3950
THREE STAGE (Full free 3F)	3F385	152	72.6	47.2	6/6	4000
	3F430	169	78.5	53.1	6/6	3850
	3F475	187	84.4	59.0	6/6	3700
	3F515	203	89.8	64.3	6/6	3300
	3F550	217	94.7	69.2	6/6	2950
	3F600	236	102.2	76.7	6/6	1900
	3F650	256	112	86.5	6/6	1800
	3F700	276	121.9	96.4	6/6	700
THREE STAGE OPTIVIEW™ (3V)	3V360	142	72.8	47.2	6/6	3900
	3V405	159	78.7	53.1	6/6	3700
	3V450	177	84.6	59.0	6/6	3600
	3V490	193	90	64.3	6/6	3300
	3V525	207	94.9	69.2	6/6	3000
	3V575	226	102.4	76.7	6/6	2500
	3V633	249	112.2	86.5	6/6	2300
	3V688	271	122	96.4	6/6	1900

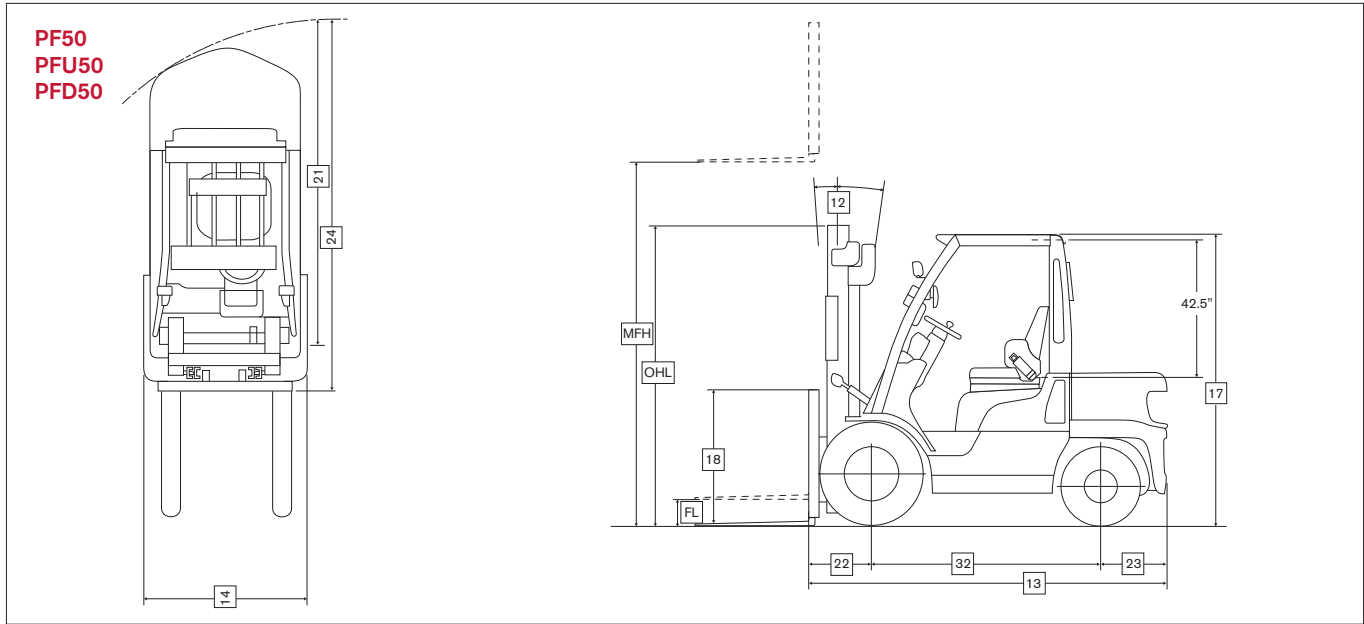
4,000 lb. capacity

Main Truck Specifications

					Nissan	Nissan	Nissan	
CHARACTERISTICS	1	Manufacturer's Name			Nissan	Nissan	Nissan	1
	2	Model	Model designation		PF40	PFU40	PFD40	2
			Long model code		MP1F2A20JV / LV / DV	MU1F2A20JV / LV / DV	MY1F2A20V	
	3	Rated Load Capacity		lb (kg)	4000 (2000)	4000 (2000)	4000 (2000)	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)	96.9 (2460)	96.9 (2460)	96.9 (2460)	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 (%)	45	45	45	
			Approach angle	tan (%)	32	32	32	
	21	Turning Radius	Minimum outside	in (mm)	83.5 (2120)	83.5 (2120)	83.5 (2120)	21
	22	Overhang	Front	in (mm)	17.5 (445)	17.5 (445)	17.5 (445)	22
			Rear	in (mm)	16.3 (415)	16.3 (415)	16.3 (415)	23
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	101 (2565)	101 (2565)	101 (2565)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	11.8 (19)	11.8 (19)	11.8 (19)	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)	3880 (1760)	4189 (1900)	4542(2060)	27
Empty			lb (kg)	3439 (1560)	3439 (1560)	3616 (1640)		
28	Gradeability Max (1.2 mph)	Full/empty	tan (%)	31 / 28	39 / 28	36 / 28	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	7145 (3240)	7145 (3240)	7400 (3355)	29
	30	Weight Distribution	Front axle - empty	lb (kg)	3365 (1525)	3365 (1525)	3440 (1560)	30
			Rear axle - empty	lb (kg)	3780 (1715)	3780 (1715)	3960 (1795)	
			Front axle - with rated load	lb (kg)	10015 (4709)	10015 (4709)	10095 (4740)	
			Rear axle - with rated load	lb (kg)	1130 (531)	1130 (531)	1305 (615)	
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	hp (kW) @ rpm	55 (41) @ 2700	62.9 (46.9) @ 2700	55 (41) @ 2000	
		Rated Torque	SAE gross	ft-lb (Nm) @ rpm	111.4 (151) @ 2000	138.7 (188) @ 1600	143.8 (195) @ 1800	
		Displacement		cu in (cm ³)	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		

Platinum II pneumatic series

Dimensions



Mast Specifications & Rated Capacities

	Mast Name	Maximum Fork Height	Overall Height Lowered	Free Lift	Tilt Angle Forward/Backward	Rated Capacity at 24" Load Center
TWO STAGE (Wide view 2W)	2W270	106	72.6	6.1	6/12	5000
	2W300	118	78.5	6.1	6/12	5000
	2W330	130	84.4	6.1	6/12	5000
	2W350	138	89.8	6.1	6/12	5000
	2W370	146	94.7	6.1	6/12	5000
	2W400	157	102.2	6.1	6/6	5000
	2W450	177	112.0	6.1	6/6	4400
	2W500	197	121.9	6.1	6/6	3700
TWO STAGE (Full free 2F)	2F300	118	78.5	53.5	6/12	5000
	2F330	130	84.4	59.4	6/12	5000
	2F350	138	89.8	64.7	6/12	5000
	2F370	146	94.7	69.6	6/12	5000
	2F400	157	102.2	77.1	6/6	4950
THREE STAGE (Full free 3F)	3F385	152	72.6	47.2	6/6	5000
	3F430	169	78.5	53.1	6/6	4700
	3F475	187	84.4	59.0	6/6	4300
	3F515	203	89.8	64.3	6/6	3650
	3F550	217	94.7	69.2	6/6	3350
	3F600	236	102.2	76.7	6/6	2100
	3F650	256	112	86.5	6/6	2000
	3F700	276	121.9	96.4	6/6	700
THREE STAGE OPTIVIEW™ (3V)	3V360	142	72.8	47.2	6/6	4900
	3V405	159	78.7	53.1	6/6	4700
	3V450	177	84.6	59.0	6/6	4300
	3V490	193	90	64.3	6/6	3900
	3V525	207	94.9	69.2	6/6	3500
	3V575	226	102.4	76.7	6/6	3000
	3V633	249	112.2	86.5	6/6	2600
	3V688	271	122	96.4	6/6	2300

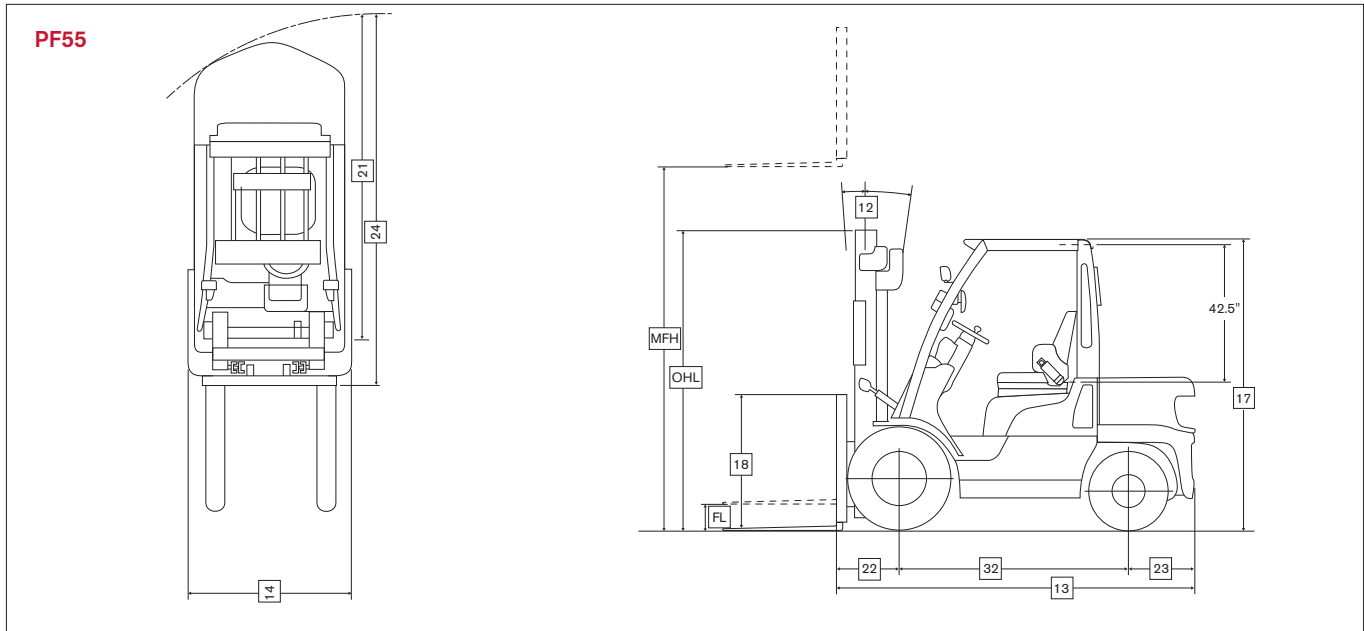
5,000 lb. capacity

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 (2515)	99 (2515)	99 (2515)	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)	17.5 (445)	17.5 (445)	17.5 (445)	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)	103.3 (2625)	103.3 (2625)	103.3 (2625)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	11.8 (19)	11.8 (19)	11.8 (19)	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)	3880 (1760)	4189 (1900)	4542 (2060)	27
Empty			lb (kg)	3439 (1560)	3439 (1560)	3858 (1750)		
28	Gradeability Max (1.2 mph)	Full/empty	tan (%)	27 / 24	33 / 24	31 / 24	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	7925 (3595)	7925 (3595)	8180 (3710)	29
	30	Weight Distribution	Front axle - empty	lb (kg)	3200 (1450)	3200 (1450)	3275 (1485)	30
			Rear axle - empty	lb (kg)	4725 (2145)	4725 (2145)	4905 (2225)	
			Front axle - with rated load	lb (kg)	11515 (5430)	11515 (5430)	11595 (5465)	
			Rear axle - with rated load	lb (kg)	1410 (665)	1410 (665)	1585 (745)	
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	hp (kW) @ rpm	55 (41) @ 2700	62.9 (46.9) @ 2700	55 (41) @ 2000	
		Rated Torque	SAE gross	ft-lb (Nm) @ rpm	111.4 (151) @ 2000	138.7 (188) @ 1600	143.8 (195) @ 1800	
		Displacement		cu in (cm ³)	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		

Platinum II pneumatic series

Dimensions



Mast Specifications & Rated Capacities

	Mast Name	Maximum Fork Height	Overall Height Lowered	Free Lift	Tilt Angle Forward/Backward	Rated Capacity at 24" Load Center
TWO STAGE (Wide view 2W)	2W270	106	73.8	6.1	6/12	5500
	2W300	118	79.7	6.1	6/12	5500
	2W330	130	85.6	6.1	6/12	5500
	2W350	138	90.9	6.1	6/12	5500
	2W370	146	95.9	6.1	6/12	5500
	2W400	157	103.3	6.1	6/6	5500
	2W450	177	113.2	6.1	6/6	5300
	2W500	197	123	6.1	6/6	4300
TWO STAGE (Full free 2F)	2F300	118	79.7	53.8	6/12	5500
	2F330	130	85.6	59.7	6/12	5500
	2F350	138	90.9	65.1	6/12	5500
	2F370	146	95.9	70	6/12	5500
	2F400	157	103.3	77.5	6/6	5500
THREE STAGE (Full free 3F)	3F385	152	79.7	55.7	6/6	5500
	3F430	169	85.6	61.6	6/6	5300
	3F475	187	90.9	66.9	6/6	5100
	3F515	203	95.9	71.8	6/6	4000
	3F550	217	103.3	79.3	6/6	3200
	3F600	236	113.2	89.1	6/6	2300
	3F650	256	123	99	6/6	1100
	3F700	276	132.9	108.8	6/6	550
THREE STAGE OPTIVIEW™ (3V)	3V385	152	79.7	55.7	6/6	5450
	3V430	169	85.6	61.6	6/6	5300
	3V470	185	90.9	66.9	6/6	5000
	3V505	199	95.9	71.8	6/6	3750
	3V555	219	103.3	79.3	6/6	2800
	3V600	236	113.2	89.1	6/6	1850
	3V650	256	123	99	6/6	1200
	3V700	276	132.9	108.8	6/6	650

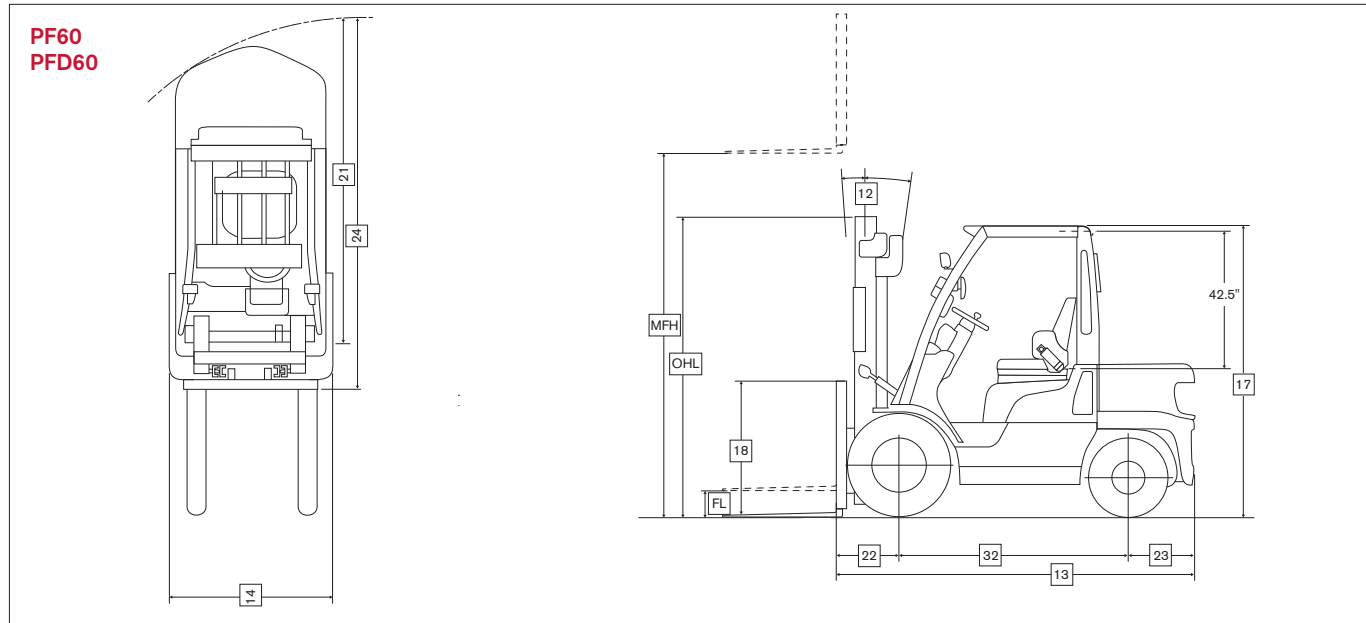
5,500 lb. capacity

Main Truck Specifications

CHARACTERISTICS	1	Manufacturer's Name			Nissan	1
	2	Model	Model designation		PF55	2
			Long model code		MUJ1F2A28JV / LV / DV	
	3	Rated Load Capacity		lb (kg)	5500 (2750)	3
	4	Load Center	Distance	in (mm)	24 (500)	4
	5	Power Type			G - 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)	6.1 (155)	10
	11	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	11
			Length	in (mm)	42 (1070)	
	12	Tilt Angle	Standard mast - fwd/back	degree	6/12	12
	13	Overall Dimensions	Length (to face of forks)	in (mm)	102.8 (2610)	13
			Width (standard tires)	in (mm)	49.2 (1250)	14
			Mast lowered (OHL)	in (mm)	85.6 (2175)	15
			Mast extended with LBR	in (mm)	179.3 (4555)	16
			Height - top of OHG	in (mm)	84.6 (2150)	17
			Height - top of standard LBR	in (mm)	48 (1220)	18
	20	Grade Clearance	Ramp breakover angle	tan (%)	52	20
			Departure angle	tan (%)	42	
			Approach angle	tan (%)	41	
	21	Turning Radius	Minimum outside	in (mm)	88.2 (2240)	21
	22	Overhang	Front	in (mm)	18.5 (470)	22
			Rear	in (mm)	20.5 (520)	23
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	106.7 (2710)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	11.8 (19)	25
			Lift - full/empty	fpm (mm/sec)	104.3/114.1 (530/580)	26
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	
	27	Drawbar Pull Maximum	Full load	lb (kg)	4189 (1900)	27
Full empty			lb (kg)	4057 (1840)		
28	Gradeability Max (1.2 mph)	Full/empty	tan (%)	30 / 25	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	8825 (4000)	29
	30	Weight Distribution	Front axle - empty	lb (kg)	3395 (1540)	30
			Rear axle - empty	lb (kg)	5430 (2460)	
			Front axle - with rated load	lb (kg)	12590 (5935)	
			Rear axle - with rated load	lb (kg)	1735 (815)	
CHASSIS & WHEELS	31	Tire Size	Front	in	28 x 9-15-12PR	31
			Rear	in	6.50-10-10PR	
	32	Wheelbase		in (mm)	63.8 (1620)	32
	33	Tread - Center of Tire	Front / rear	in (mm)	40.6/38.6 (1030/980)	33
			Front dual tires	in (mm)	47.6 (1210)	
		Headroom	SIP to bottom of OHG	in (mm)	42.5 (1080)	
		Counterweight Height		in (mm)	43.3 (1100)	
		Step Height		in (mm)	19.1 (485)	
	34	Ground Clearance	Under mast	in (mm)	5.7 (145)	34
			Under power unit	in (mm)	6.5 (165)	
Under frame (WB center)			in (mm)	7.3 (185)		
35	Service Brake	Type		Drum and Shoe	35	
36	Parking Brake	Type		Hand	36	
37	Steering	Type		Full Hydraulic	37	
DRIVE LINE	38	Engine	Model		Nissan K25	38
		Rated Output	SAE gross	hp (kW) @ rpm	62.9 (46.9) @ 2700	
		Rated Torque	SAE gross	ft-lb (Nm) @ rpm	138.7 (188) @ 1600	
		Displacement		cu in (cm ³)	151.8 (2488)	
	39	Transmission	Type		Automatic	39
Number speeds - fwd/rev				1/1		

Platinum II pneumatic series

Dimensions



Mast Specifications & Rated Capacities

	Mast Name	Maximum Fork Height	Overall Height Lowered	Free Lift	Tilt Angle Forward/Backward	Rated Capacity at 24" Load Center
TWO STAGE (Wide view 2W)	2W270	106	73.8	6.5	6/12	6000
	2W300	118	79.7	6.5	6/12	6000
	2W330	130	85.6	6.5	6/12	6000
	2W350	138	90.9	6.5	6/12	6000
	2W370	146	95.9	6.5	6/12	6000
	2W400	157	103.3	6.5	6/6	6000
	2W450	177	113.2	6.5	6/6	5600
	2W500	197	123	6.5	6/6	5150
TWO STAGE (Full free 2F)	2F300	118	79.7	53.4	6/12	6000
	2F330	130	85.6	59.3	6/12	6000
	2F350	138	90.9	64.6	6/12	6000
	2F370	146	95.9	70	6/12	6000
	2F400	157	103.3	77	6/6	5950
THREE STAGE (Full free 3F)	3F385	152	79.7	54.8	6/6	6000
	3F430	169	85.6	60.7	6/6	5800
	3F475	187	90.9	66	6/6	5600
	3F515	203	95.9	70.9	6/6	4700
	3F550	217	103.3	78.4	6/6	3700
	3F600	236	113.2	88.2	6/6	2650
	3F650	256	123	98.1	6/6	1500
	3F700	276	132.9	107.9	6/6	1000
THREE STAGE OPTIVIEW™ (3V)	3V385	152	79.7	54.8	6/6	5950
	3V430	169	85.6	60.7	6/6	5750
	3V470	185	90.9	66	6/6	5500
	3V505	199	95.9	70.9	6/6	4700
	3V555	219	103.3	78.4	6/6	3700
	3V600	236	113.2	88.2	6/6	2600
	3V650	256	123	98.1	6/6	1400
	3V700	276	132.9	107.9	6/6	1000

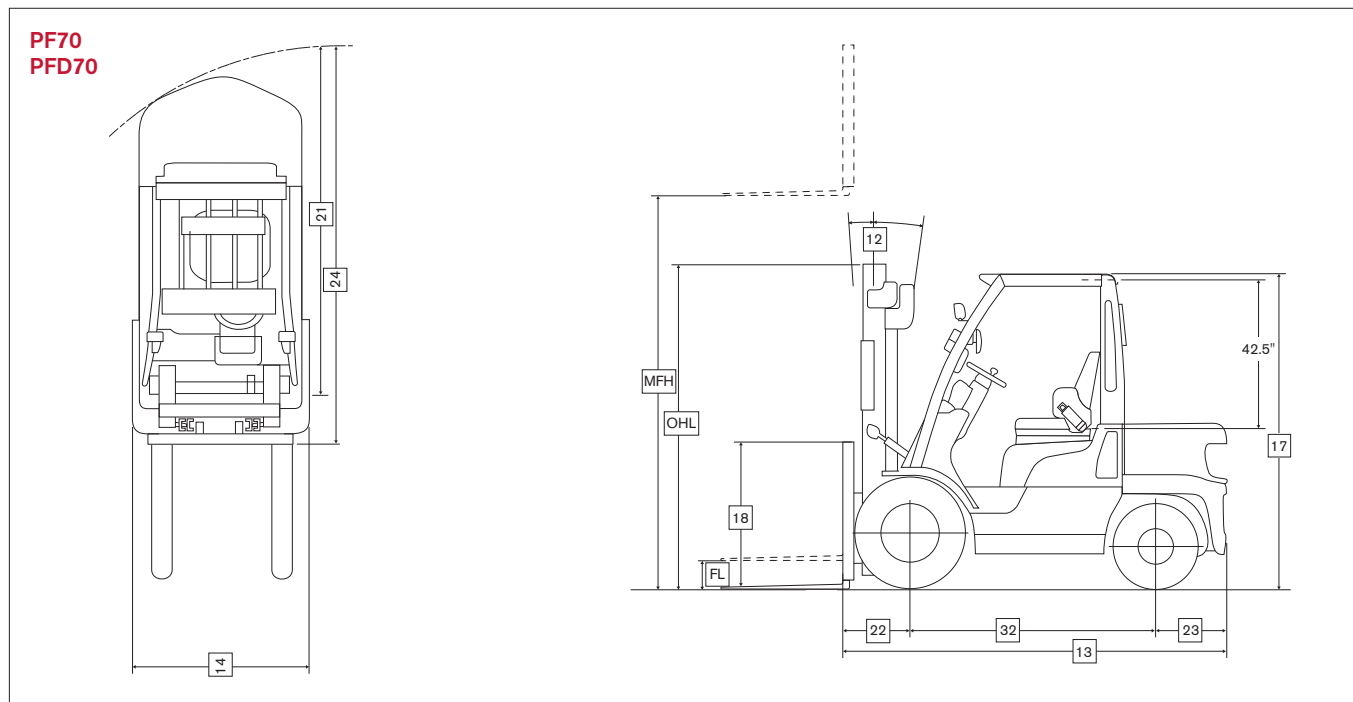
6,000 lb. capacity

Main Truck Specifications

				Nissan	Nissan		
CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	1	
	2	Model	Model designation	PF60	PFD60	2	
			Long model code	MUG1F2A30JV/LV/DV	MYG1F2A30V		
	3	Rated Load Capacity		lb (kg)	6000 (3000)	6000 (3000)	3
	4	Load Center	Distance	in (mm)	24 (500)	24 (500)	4
	5	Power Type			G - LP - G/LP	Diesel	5
6	Operator Orientation			Sit	Sit	6	
DIMENSIONS	7	Tire Type	Front & rear		Pneumatic	Pneumatic	7
	8	Wheels	Number (x=driven) front/rear		2 x / 2	2 x / 2	8
	9	Mast	Maximum fork height	in (mm)	130 (3300)	130 (3300)	9
			Standard freelif	in (mm)	6.5 (165)	6.5 (165)	10
	11	Forks	Thickness & width	in (mm)	2 x 5 (50 x 125)	2 x 5 (50 x 125)	11
			Length	in (mm)	42 (1070)	42 (1070)	
	12	Tilt Angle	Standard mast - fwd/back	degree	6/12	6/12	12
	13	Overall Dimensions	Length (to face of forks)	in (mm)	105.5 (2680)	105.5 (2680)	13
			Width (standard tires)	in (mm)	49.2 (1250)	49.2 (1250)	14
			Mast lowered (OHL)	in (mm)	85.6 (2175)	85.6 (2175)	15
			Mast extended with LBR	in (mm)	179.4 (4558)	179.4 (4558)	16
			Height - top of OHG	in (mm)	84.6 (2150)	84.6 (2150)	17
			Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	18
	20	Grade Clearance	Ramp breakover angle	tan (%)	49	49	20
			Departure angle	tan (%)	43	43	
			Approach angle	tan (%)	41	41	
	21	Turning Radius	Minimum outside	in (mm)	90.6 (2300)	90.6 (2300)	21
	22	Overhang	Front	in (mm)	18.9 (480)	18.9 (480)	22
			Rear	in (mm)	19.7 (500)	19.7 (500)	23
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	109.5 (2780)	109.5 (2780)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	11.8 (19)	11.5 (18.5)	25
			Lift - full/empty	fpm (mm/sec)	104.3/114.1 (530/580)	106.3/114.1 (540/580)	26
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)	
	27	Drawbar Pull Maximum	Full load	lb (kg)	4189 (1900)	4321 (1960)	27
Full empty			lb (kg)	4167 (1890)	3858 (1750)		
28	Gradeability Max (1.2 mph)	Full/empty	tan (%)	28 / 24	26 / 25	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	9265 (4200)	9520 (4315)	29
	30	Weight Distribution	Front axle - empty	lb (kg)	3825 (1735)	3910 (1775)	30
			Rear axle - empty	lb (kg)	5440 (2465)	5610 (2540)	
			Front axle - with rated load	lb (kg)	13700 (6460)	13795 (6500)	
			Rear axle - with rated load	lb (kg)	1565 (740)	1725 (815)	
CHASSIS & WHEELS	31	Tire Size	Front	in	28 x 9-15-12PR	28 x 9-15-12PR	31
			Rear	in	6.50-10-10PR	6.50-10-10PR	
	32	Wheelbase		in (mm)	66.9 (1700)	66.9 (1700)	32
	33	Tread - Center of Tire	Front / rear	in (mm)	40.6/38.6 (1030/980)	40.6/38.6 (1030/980)	33
			Front dual tires	in (mm)	47.6 (1210)	47.6 (1210)	
		Headroom	SIP to bottom of OHG	in (mm)	42.5 (1080)	42.5 (1080)	
		Counterweight Height		in (mm)	43.3 (1100)	43.3 (1100)	
		Step Height		in (mm)	19.1 (485)	19.1 (485)	
	34	Ground Clearance	Under mast	in (mm)	5.7 (145)	5.7 (145)	34
			Under power unit	in (mm)	6.5 (165)	6.5 (165)	
			Under frame (WB center)	in (mm)	7.3 (185)	7.3 (185)	
35	Service Brake	Type		Drum and Shoe	Drum and Shoe	35	
36	Parking Brake	Type		Hand	Hand	36	
37	Steering	Type		Full Hydraulic	Full Hydraulic	37	
DRIVE LINE	38	Engine	Model		Nissan K25	Nissan QD32	38
			Rated Output	SAE gross	hp (kW) @ rpm	62.9 (46.9) @ 2700	55 (41) @ 2000
		Rated Torque	SAE gross	ft-lb (Nm) @ rpm	138.7 (188) @ 1600	143.8 (195) @ 1800	
		Displacement		cu in (cm ³)	151.8 (2488)	192.4 (3153)	
	39	Transmission	Type		Automatic	Automatic	39
		Number speeds - fwd/rev		1/1	1/1		

Platinum II pneumatic series

Dimensions



Mast Specifications & Rated Capacities

	Mast Name	Maximum Fork Height	Overall Height Lowered	Free Lift	Tilt Angle Forward/Backward	Rated Capacity at 24" Load Center
TWO STAGE (Wide view 2W)	2W300	118	85.8	6.5	6/12	7000
	2W330	130	91.1	6.5	6/12	7000
	2W350	138	96.1	6.5	6/12	7000
	2W370	146	103.5	6.5	6/12	7000
	2W400	157	113.4	6.5	6/6	6900
	2W450	177	123.2	6.5	6/6	6800
	2W500	197	133.1	6.5	6/6	6600
TWO STAGE (Full free 2F)	2F300	118	85.8	57	6/12	7000
	2F330	130	91.1	62	6/12	7000
	2F350	138	96.1	67	6/12	7000
	2F370	146	103.5	74	6/12	7000
	2F400	157	113.4	84	6/6	6900
THREE STAGE (Full free 3F)	3F355	140	74.2	43.5	6/6	7000
	3F400	157	80.1	49.4	6/6	7000
	3F445	175	86.0	55.4	6/6	6800
	3F485	191	91.3	60.7	6/6	6600
	3F520	205	96.3	65.6	6/6	6300
	3F570	224	103.7	73.1	6/6	5300
	3F620	244	113.6	82.9	6/6	3500
	3F670	264	123.4	92.8	6/6	2500
THREE STAGE OPTIVIEW™ (3V)	3V385	152	80.1	49.4	6/6	7000
	3V430	169	86	55.4	6/6	6900
	3V470	185	91.3	60.7	6/6	6700
	3V505	199	96.3	65.6	6/6	6500
	3V555	219	103.7	73.1	6/6	6200
	3V600	236	113.6	82.9	6/6	4400
	3V650	256	123.4	92.8	6/6	3200
	3V700	276	133.3	102.6	6/6	3000

7,000 lb. capacity

Main Truck Specifications

CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	1		
	2	Model	Model designation	PF70	PFD70	2		
			Long model code	MUG1F2A35JV / LV / DV	MYG1F2A35V			
	3	Rated Load Capacity		lb (kg)	7000 (3500)	7000 (3500)	3	
	4	Load Center	Distance	in (mm)	24 (500)	24 (500)	4	
	5	Power Type			G - LP - G/LP	Diesel	5	
6	Operator Orientation			Sit	Sit	6		
DIMENSIONS	7	Tire Type	Front & rear		Pneumatic	Pneumatic	7	
	8	Wheels	Number (x=driven) front/rear		2 x / 2	2 x / 2	8	
	9	Mast	Maximum fork height	in (mm)	130 (3300)	130 (3300)	9	
			Standard freelif	in (mm)	6.5 (164)	6.5 (164)	10	
	11	Forks	Thickness & width	in (mm)	2 x 5 (50 x 125)	2 x 5 (50 x 125)	11	
			Length	in (mm)	42 (1070)	42 (1070)		
	12	Tilt Angle	Standard mast - fwd/back	degree	6/12	6/12	12	
	13	Overall Dimensions	Length (to face of forks)	in (mm)	108.5 (2755)	108.5 (2755)	13	
			Width (standard tires)	in (mm)	50.4 (1280)	50.4 (1280)	14	
			Mast lowered (OHL)	in (mm)	91.1 (2315)	91.1 (2315)	15	
			Mast extended with LBR	in (mm)	179.4 (4558)	179.4 (4558)	16	
			Height - top of OHG	in (mm)	84.8 (2155)	84.8 (2155)	17	
			Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	18	
	20	Grade Clearance	Ramp breakover angle	tan (%)	51	51	20	
			Departure angle	tan (%)	39	39		
			Approach angle	tan (%)	51	51		
	21	Turning Radius	Minimum outside	in (mm)	94.1 (2390)	94.1 (2390)	21	
	22	Overhang	Front	in (mm)	19.3 (490)	19.3 (490)	22	
			Rear	in (mm)	22.2 (565)	22.2 (565)	23	
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	113.4 (2880)	113.4 (2880)	24		
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	11.5 (18.5)	11.5 (18.5)	25	
			Lift - full/empty	fpm (mm/sec)	88.6/92.5 (450/470)	86.6/94.5 (440/480)	26	
			Lowering - full/empty	fpm (mm/sec)	82.7/70.8 (420/360)	82.7/70.8 (420/360)		
	27	Drawbar Pull Maximum	Full load	lb (kg)	4034 (1830)	4056 (1840)	27	
			Full empty	lb (kg)	3968 (1800)	3682 (1670)		
28	Gradeability Max (1.2 mph)	Full/empty	tan (%)	23 / 22	21 / 22	28		
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	10120 (4590)	10375 (4705)	29	
	30	Weight Distribution	Front axle - empty	lb (kg)	3760 (1705)	3850 (1745)	30	
			Rear axle - empty	lb (kg)	6360 (2885)	6525 (2960)		
			Front axle - with rated load	lb (kg)	16215 (7240)	16300 (7280)		
			Rear axle - with rated load	lb (kg)	1905 (850)	2075 (925)		
CHASSIS & WHEELS	31	Tire Size	Front	in	250-15-16PR	250-15-16PR	31	
			Rear	in	6.50-10-12PR	6.50-10-12PR		
	32	Wheelbase		in (mm)	66.9 (1700)	66.9 (1700)	32	
	33	Tread - Center of Tire	Front / rear	in (mm)	41.7/38.6 (1060/980)	41.7/38.6 (1060/980)	33	
			Front dual tires	in (mm)	48.4 (1230)	48.4 (1230)		
		Headroom	SIP to bottom of OHG	in (mm)	42.5	42.5 (1080)		
		Counterweight Height		in (mm)	43.5 (1105)	43.5 (1105)		
		Step Height		in (mm)	19.3 (490)	19.3 (490)		
	34	Ground Clearance	Under mast	in (mm)	5.9 (150)	5.9 (150)	34	
			Under power unit	in (mm)	6.7 (170)	6.7 (170)		
			Under frame (WB center)	in (mm)	7.5 (190)	7.5 (190)		
35	Service Brake	Type		Drum and Shoe	Drum and Shoe	35		
36	Parking Brake	Type		Hand	Hand	36		
DRIVE LINE	37	Steering	Type		Full Hydraulic	Full Hydraulic	37	
	38	Engine	Model		Nissan K25	Nissan QD32	38	
			Rated Output	SAE gross	hp (kW) @ rpm	62.9 (46.9) @ 2700	55 (41) @ 2000	
		Rated Torque	SAE gross	ft-lb (Nm) @ rpm	138.7 (188) @ 1600	143.8 (195) @ 1800		
		Displacement		cu in (cm ³)	151.8 (2488)	192.4 (3153)		
	39	Transmission	Type		Automatic	Automatic	39	
			Number speeds - fwd/rev		1/1	1/1		

Available Equipment

Standard Equipment

- Nissan's own K21 and K25 industrial engines with computer controlled, Electronic Concentrated Control System (ECCS)¹, electronic fuel injection technology, with single-port fuel injection (LP) / multi-port injection (Gas), providing low emission levels, well below EPA Tier II and CARB requirements
- Nissan's own low emission, EPA Diesel Tier III compliant, QD32 industrial diesel engine with an electronic controlled Quick Glow System for dependable starting
- Engine/transmission protection and warning system to safeguard your investment¹
- Operator Presence System includes seat-actuated power interrupt, auto-mast lock, return-to-neutral, audio and visual warnings
- Full suspension seat with Operator Restraint System, includes a non-cinching seat belt for greater comfort
- Seat belt warning system, horn, and back-up alarm
- Tilt-adjustable steering wheel with memory
- Multi-function LCD display with operator PIN security access
- Hour meter, clock, and calendar
- On-board diagnostics and programmable service reminder
- Speedometer and F/N/R transmission indicator
- Engine coolant temperature gauge and low fuel warning light (LP) / fuel gauge (Gas/Diesel)
- Cushioned stability control
- Automatic transmission with drive-by-wire throttle control
- Hydrostatic power steering
- Single lift/tilt hydraulic control lever
- High air intake system combined with cyclone air filter
- Swing-out LP bracket (LP models only)²
- Overhead guard mounted headlights
- 5-piece reinforced overhead guard
- One-piece, no-tool floorboard

Optional Equipment

- Ground speed control (high/low speed settings) and controlled acceleration mode¹
- Dual fuel engine for LP and Gasoline
- UL safety ratings available for LP fuel types²
- Swing-down LP bracket²
- Separate lift & tilt hydraulic control levers
- Fingertip controls²
- Steering wheel with spinner knob
- Swivel seat with rear OHG mounted assist grip with horn button²
- Recycler Special package
- Drive-in racking (30" at 60" / 28" at 54")²
- Extra tilt
- Open core radiator with straight fin & in-line tube design
- Radiator screen
- Diffusion exhaust muffler¹
- Overhead guard mounted pre-cleaner
- Rear combination light package
- Rotating beacons & strobe lights
- Rear work light

Technical Information **pneumatic models**

With features designed to exceed expectations in the areas of performance, fuel efficiency, emissions regulations, operator comfort and low cost of ownership, the Platinum II Series is the result of Nissan's relentless pursuit in achieving the perfect balance between the needs of the **Owner, Operator** and the **Environment**.

Electronic Fuel Injection Engine Technology

Platinum II Series' Gasoline, LP, and Dual Fuel models are powered by Nissan's own K21 (2.1 liter) and K25* (2.5 liter) electronic fuel injected industrial engines. Their Electronic Concentrated Control System (ECCS) analyzes engine performance parameters and optimizes engine operation, resulting in enhanced productivity and lower fuel consumption. This system includes three main components: Engine Control Module (ECM), Vehicle Control Module (VCM), and Multi-function LCD Display.

The ECM responds to sensor input by controlling basic engine-related functions, such as proper air/fuel ratio, torque and speed, based on the requirements of the application. The VCM monitors a number of sensors to alert the operator of changing conditions via a full range of warning indicators located on the truck's LCD display. All communication among these components occurs through a Controller Area Network (CAN) system.

Nissan's K-series engines use the same proven block design and bottom-by-pass cooling system as its predecessor, the H-series engine. These enhanced engines are specifically designed and tested for industrial applications in order to deliver all the power and torque (in the low rpm range) to meet the needs of the application. As an added safeguard for your investment, the Platinum II's K21 and K25 engines include an engine/transmission protection and warning system to reduce the speed in the event of excessive heat generation or loss of oil pressure.

Low Emission Engines

Gasoline/LP-Gas/Dual Fuel

Nissan's global commitment to preserving and protecting the environment is evident in the Platinum II Series' ECCS engines, providing exceptionally low emissions levels that are well below EPA Tier II and CARB requirements. Nissan is the first lift truck manufacturer to receive EPA and CARB certification for their own line-up of industrial engines. The K21 and K25's combination of ECCS and three-way catalytic system, which includes an automotive-type closed-loop design, provides enhanced fuel economy and cleaner exhaust emissions.

Diesel

With the Platinum II Series our diesel engines have never been cleaner. Nissan's own QD32 diesel industrial engine offers improved fuel consumption and near elimination of black smoke. Emission levels are well below EPA Tier III requirements. A completely new, electronically regulated, Quick Glow System results in considerably reduced glow times, making it easier to start the engine in cold weather.

Enhanced Work Environment

Several standard features are included in the Platinum II Series to deliver a more comfortable and productive work environment for the operator and those in the surrounding area. Nissan's cushioned stability control design incorporates a maintenance-free rubber dampener located between the rear axle and body to enhance lateral stability under normal driving conditions.

The Nissan K-series engines offer extremely low noise levels at the operator's ear during idle and at maximum travel speeds. An optional ground speed control feature is available to control high or low maximum speed settings, while a controlled acceleration mode adjusts throttle sensitivity to increase fuel efficiency, extend drivetrain life and reduce excessive tire wear.

The Platinum II's Operator Presence System, with seat-actuated power interrupt, incorporates a mast-lock which automatically locks lift and tilt operations when the operator leaves the seat, and a return to neutral feature to minimize forklift movement if the operator leaves the seat while the lift truck is still in gear. This presence system also includes audible and visual warnings if either the seat belt is not engaged while in travel mode, or when the parking brake has not been applied prior to the operator exiting the compartment.

A welded metal assist grip combined with a replaceable metal traction plate that's bolted to the truck's wide, low entry step, provides the operator with sure, comfortable footing and grip for this often repeated task. Nissan's own swing-down LP bracket design uses a gas spring assist to reduce operator effort during tank replacement. This optional feature also incorporates an adjustable bracket to fit various tank sizes.*

Ease of Maintenance

No tools are required to remove the one-piece diamond tread floorboard promoting fast, simple access to hydraulic components and grease fittings. Detachable side panels and a wide-open clamshell hood provide a roomy area for service technicians to perform their tasks. The five-piece reinforced overhead guard simplifies replacement of individual components if necessary, saving time and money. An opening in the dash panel allows for quick and easy brake fluid checks.

A new multi-function LCD display includes on-board diagnostics to keep service time low, with a service reminder in order to stay current with periodic maintenance needs. Its display design provides the operator with excellent visibility and understanding of warning indicators.

Operator Comfort and Control

A spacious operator compartment provides generous foot, leg and head room for a variety of driver sizes. A standard full suspension, fold down seat with soft touch arm pads and hip restraint provides maximum operator comfort and enhanced safety. Its low profile design offers ample head clearance, while front to back travel adjustment allows a comfortable, customized fit for nearly any operator height.

The Platinum II's, tilt-adjustable steering wheel includes a memory lever, to help the operator quickly find his or her ideal driving position, while its compact design offers enhanced control and handling. Hydrostatic power steering minimizes steer effort and operator fatigue. An optional swivel seat produces greater operator comfort and visibility while driving in reverse, and includes a rear assist grip with horn button to further enhance operator productivity and maintain greater control. Automotive-style light and turn signal levers simplify repetitive actions allowing the operator to focus on the job. Optional features designed to enhance load handling efficiency and boost operator productivity include Nissan's exclusive three-stage OPTIVIEW™ mast, providing up to 50% greater visibility. There's also an optional auto tilt leveling system to assist proper mast/fork positioning.

Enhanced comfort results from the Platinum II Series' Operator Comfort System, which includes a full suspension seat, pedals mounted to the chassis frame, and rubber shock absorbers located throughout the vehicle to reduce vibration from the engine and transmission to the operator. For additional vibration reduction, Platinum II Series pneumatic trucks include an automotive-type powertrain mounting design, which incorporates four rubber engine supports.

*Available on select models. Consult factory.

Option Availability

Platinum Series Pneumatic Models

Standard S Option O

		Fuel Types			
		LP	Gasoline	Dual Fuel	Diesel
Vehicle Management	Vehicle Control Module (VCM)	S	S	S	S
	Multi-function LCD display	S	S	S	S
	Security PIN access	S	S	S	S
	On-board diagnostics and service reminder	S	S	S	S
	Engine coolant temperature gauge	S	S	S	S
	Oil pressure, transmission fluid and coolant temperature warning light	S	S	S	S
	Low LP fuel warning light	S	-	S	-
	Fuel gauge	-	S	S	S
Powertrain	Electronic Concentrated Control System (ECCS)	S	S	S	-
	Engine/transmission protection system	S	S	S	-
	Floating power train for reduced vibration	S	S	S	S
	Automatic return-to-neutral	S	S	S	S
	Three-way catalytic converter	S	S	S	-
	Cushioned stability control	S	S	S	S
	Ground speed control – high/low speed selector	O	O	O	-
	Controlled acceleration – power/economy modes	O	O	O	-
	Radiator screen	O	O	O	O
	Diffusion exhaust muffler	O	O	O	-
UL Safety rating ¹	O	-	-	-	
LP System	Swing-out LP bracket ²	S	-	S	-
	Swing-down LP bracket ²	O	-	O	-
Brake	Parking brake with warning buzzer	S	S	S	S
Mast	Seat actuated auto-mast lock system	S	S	S	S
	OPTIVIEW™ three-stage mast	O	O	O	O
Hydraulic System	Single lift/tilt control lever	S	S	S	S
	Separate lift & tilt control levers	O	O	O	O
	Auto-tilt leveling system ³	O	O	O	O
	Hydraulic load sensing valve system	S	S	S	S
Steering System	Tilt steering wheel with memory lock	S	S	S	S
	Hydrostatic power steering system	S	S	S	S
Operator Conveniences	Full suspension seat	S	S	S	S
	OHG-mounted headlights	S	S	S	S
	Back-up warning buzzer	S	S	S	S
	Rearview mirrors	O	O	O	O
	Rear combination light package	O	O	O	O
	Rear work light	O	O	O	O
	Strobe lights & rotating beacons	O	O	O	O

1. Available on select models. Consult factory. 2. Available on most LP and Dual Fuel models. Consult factory. 3. Not available on 7,000-lb. Models using 2-stage masts.



3000-lb, 3500-lb, 4000-lb



4000-lb, 5000-lb, 5500-lb,



6000-lb, 7000-lb



ISO 14001: 2004
NISSAN GREEN PROGRAM

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Platinum G04 Series

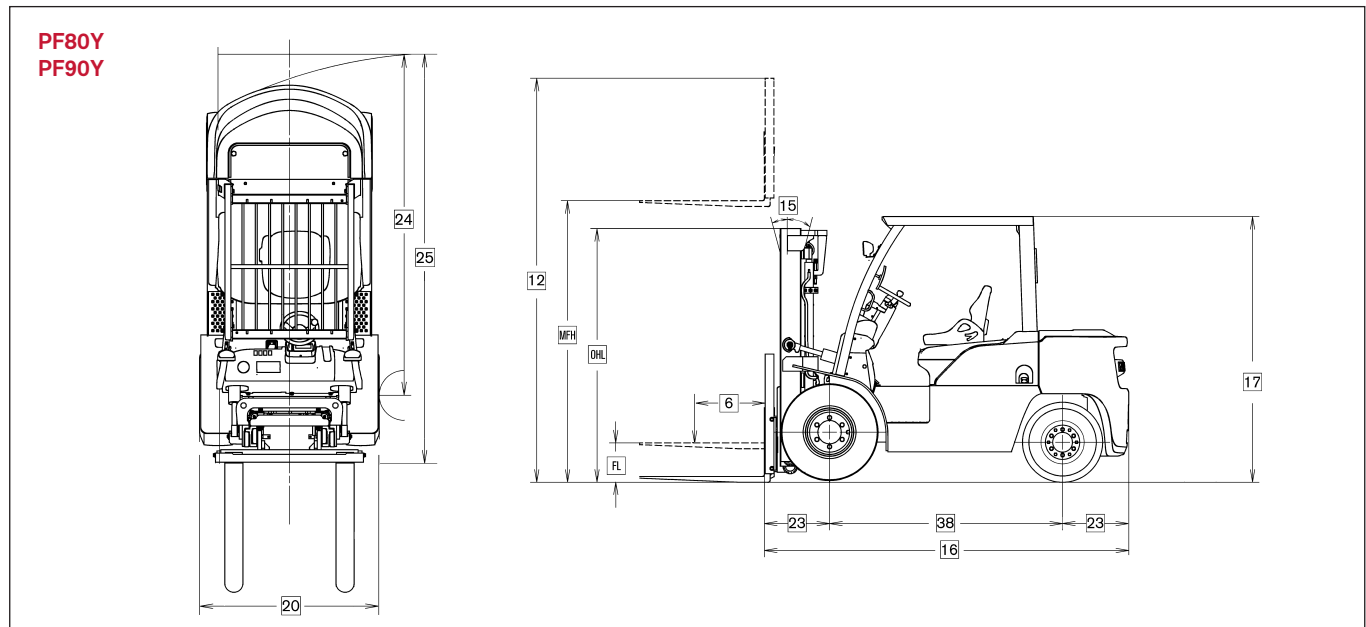
Heavyweight Pneumatic Tire

8,000 lb. - 11,000 lb.
Capacities



Platinum G04 series

Dimensions



Mast Specifications & Rated Capacities

Mast Type	Mast Name	Max. Fork Height	Overall Height				Free Lift		Tilt Angle	Rated Capacity at 24" Load Center				
			Lowered		Fully Extended		FL			PF80Y		PF90Y		
			MFH	OHL	With LBR	Without LBR	With LBR	Without LBR		Fwd/ Bkwd	Single Drive	Dual Drive	Single Drive	Dual Drive
			in	in	in	in	in	in		deg	lb.	lb.	lb.	lb.
TWO STAGE (Wide view)	2W300	118	84.4	169.3	151.0	5.1	5.1	6/12	8000	8000	9000	9000		
	2W330	130	90.4	181.1	162.8	5.1	5.1	6/12	8000	8000	9000	9000		
	2W350	138	95.7	189.0	170.7	5.1	5.1	6/12	8000	8000	9000	9000		
	2W370	146	100.2	196.9	178.5	5.1	5.1	6/12	8000	8000	9000	9000		
	2W400	157	108.1	208.7	190.4	5.1	5.1	6/12	8000	8000	9000	9000		
	2W450	177	117.9	228.3	210.0	5.1	5.1	6/6	8000	8000	9000	9000		
	2W500	197	127.8	248.0	229.7	5.1	5.1	6/6	8000	8000	9000	9000		
THREE STAGE (Full free)	3F385	152	78.5	202.8	186.0	29.5	46.3	6/6	8000	8000	9000	9000		
	3F430	169	84.4	220.5	203.7	35.4	52.2	6/6	8000	8000	9000	9000		
	3F475	187	90.4	238.2	221.5	41.3	58.1	6/6	8000	8000	9000	9000		
	3F515	203	95.7	253.9	237.2	46.7	63.4	6/6	7800	8000	8700	8700		
	3F550	217	100.2	267.7	251.0	51.2	67.9	6/6	5300	7600	6900	8500		
	3F600	236	108.1	287.4	270.7	59.1	75.8	6/6	4000	7200	5200	8300		

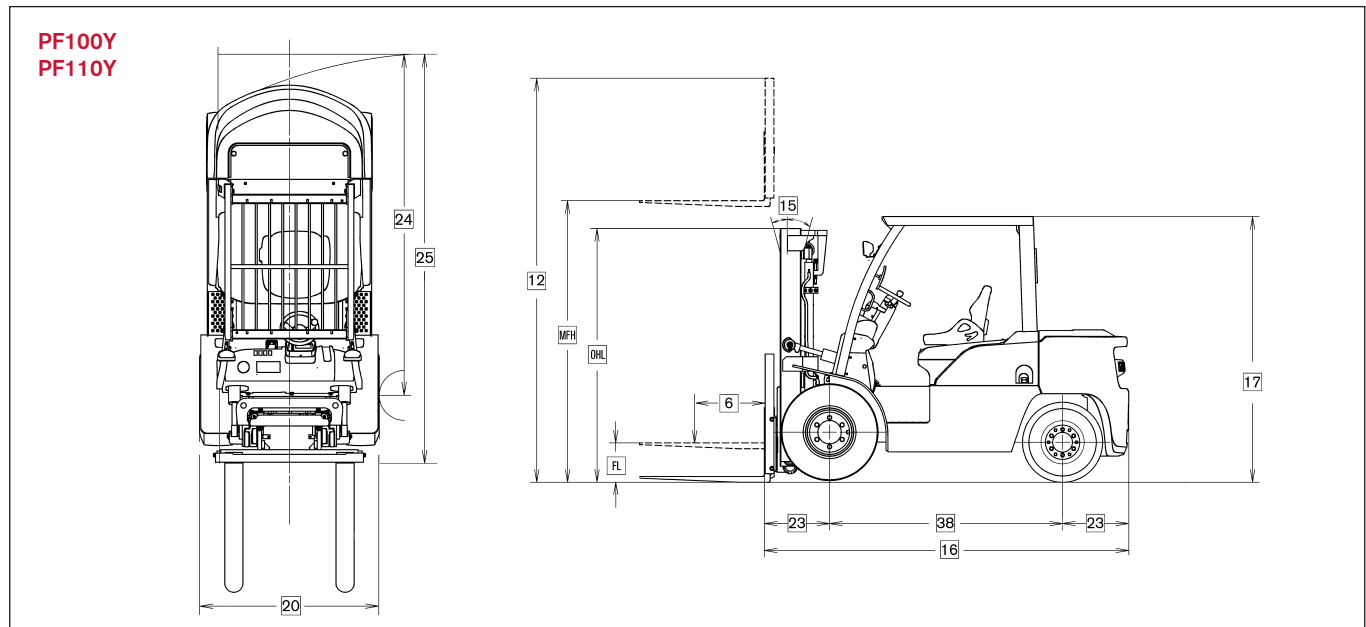
8,000 / 9,000 lb. capacities

Main Truck Specifications

				Nissan	Nissan	Nissan	Nissan		
CHARACTERISTICS	1	Manufacturer's Name						1	
	2	Model	Model designation	1 spd (2 spd)	PF80Y(H)LP / DF	PFD80Y(H)	PF90Y(H)LP / DF	PFD90Y(H)	2
	3		Long model code	1 spd (2 spd)	MJ1F4A(F)35LV / DV	MW1F4A(F)35V	MJ1F4A(F)40LV / DV	MW1F4A(F)40V	3
	4	Power Type			LP - G/LP	Diesel	LP - G/LP	Diesel	4
	5	Rated Load Capacity		lb (kg)	8000 (3500)		9000 (4000)		5
	6	Load Center	Distance	in (mm)	24 (600)		24 (600)		6
	7	Operator Orientation			Sit		Sit		7
DIMENSIONS	8	Tire Type	Front & rear		Pneumatic		Pneumatic		8
	9	Wheels	Number - front/rear (x=driven)		2x / 2		2x / 2		9
	10	Mast	Maximum fork height	in (mm)	130 (3300)		130 (3300)		10
	11		Mast lowered (OHL)	in (mm)	90.4 (2295)		90.4 (2295)		11
	12		Mast extended with LBR	in (mm)	181.1 (4600)		181.1 (4600)		12
	13		Standard freelif	in (mm)	5.1 (130)		5.1 (130)		13
	14	Forks	Length x thickness x width	in (mm)	48 x 2 x 6 (1220 x 50 x 150)		48 x 2 x 6 (1220 x 50 x 150)		14
	15	Tilt Angle	Standard mast - fwd/back	degree	6 / 12		6 / 12		15
	16	Overall Dimensions	Length (to face of forks)	in (mm)	121.8 (3095)		123.1 (3130)		16
	17		Height - top of OHG	in (mm)	92.5 (2350)		92.5 (2350)		17
	18		Height - top of standard LBR	in (mm)	48.0 (1220)		48.0 (1220)		18
	19		Width - standard carriage	in (mm)	47.2 (1200)		47.2 (1200)		19
	20	Overall Width	Width - single tire / single wide tire	in (mm)	58.7 (1490) / 58.7 (1490)		— / 58.7 (1490)		20
	21		Width - dual tire / dual wide tire	in (mm)	69.9 (1775) / 77.6 (1190)		69.9 (1775) / 77.6 (1190)		21
	22	Grade Clearance Angle	Departure	%	40		38		22
	23	Overhang	Front / rear	in (mm)	22.0 (560) / 21.1 (535)		22.0 (560) / 22.4 (568)		23
	24	Turning Radius	Minimum outside	in (mm)	107.1 (2720)		108.3 (2755)		24
	25	Min Right Angle Stack	Add load length & clearance	in (mm)	129.1 (3280)		130.3 (3315)		25
	PERFORMANCE	26	Travel Speed Forward	1st speed - loaded / unloaded	mph (km/h)	11.2 (18) / 11.2(18)	11.2 (18) / 12.1(19.5)	11.2 (18) / 11.2(18)	11.2 (18) / 12.1 (19.5)
27		Maximum	2nd speed - loaded / unloaded	mph (km/h)	13.7 (22) / 13.7 (22)	14.6 (23.5) / 15.2 (24.5)	13.7 (22) / 13.7 (22)	14.6 (23.5) / 15.2 (24.5)	27
28		Lifting/Lowering Speed	Lift - loaded / unloaded	fpm (mm/sec)	94.5 (480) / 94.5 (480)	98.4 (500) / 102.4 (520)	94.5(480) / 94.5 (480)	98.4(500) / 102.4 (520)	28
29		Maximum	Lowering - loaded / unloaded	fpm (mm/sec)	98.4(500) / 98.4 (500)	98.4 (500) / 98.4 (500)	98.4 (500) / 98.4 (500)	98.4 (500) / 98.4 (500)	29
30		Drawbar Pull Maximum	Full load - at 1 mph	lb (N)	6865 (30500)	6600 (29350)	7065 (31400)	6800 (30200)	30
31			No load - at 1 mph	lb (N)	5875 (26100)	5225 (23220)	6070 (27000)	5420 (24070)	31
32		Gradeability Maximum	Full load / no load - at 1 mph	%	32 / 27	27 / 27	28 / 26	26 / 24	32
WEIGHT	33	Truck Weight	No load - standard truck	lb (kg)	12890 (5840)	12780 (5790)	13390 (6065)	13280 (6015)	33
	34	Weight Distribution	Front axle - empty	lb (kg)	5685 (2575)	5740 (2600)	5630 (2550)	5685 (2575)	34
	35		Rear axle - empty	lb (kg)	7210 (3265)	7040 (3190)	7760 (3515)	7595 (3440)	35
	36		Front axle - with rated load	lb (kg)	17890 (8105)	17945 (8130)	19580 (8870)	19635 (8895)	36
	37		Rear axle - with rated load	lb (kg)	2725 (1235)	2560 (1160)	2635 (1195)	2490 (1120)	37
CHASSIS & WHEELS	38	Wheelbase		in (mm)	78.5 (2000)		78.5 (2000)		38
	39	Tire Size	Front Tread - single / single wide		8.25 x 15-14PR / 300 x 15-18PR		— / 300 x 15-18PR		39
	40		Front Tread - dual / dual wide		7.50 x 16-12PR / 8.25 x 15-12PR		7.50 x 16-12PR / 8.25 x 15-12PR		40
	41		Rear Tread		7.00 x 12-12PR		7.00 x 12-12PR		41
	42	Tread - Center of Tire	Front Tread - single / single wide	in (mm)	49.2 (1250) / 46.5 (1180)		— / 46.5 (1180)		42
	43		Front Tread - dual/dual wide	in (mm)	51.5 (1310) / 56.9 (1445)		51.5 (1310) / 56.9 (1445)		43
	44		Rear Tread	in (mm)	46.5 (1180)		46.5 (1180)		44
	45	Seat Height		in (mm)	46.0 (1170)		46.0 (1170)		45
	46	Headroom	SIP to bottom of OHG	in (mm)	45.1 (1145)		45.1 (1145)		46
	47	Counterweight Height		in (mm)	50.2 (1275)		50.2 (1275)		47
	48	Step Height		in (mm)	18.7 (475)		18.7 (475)		48
	49	Floor Height		in (mm)	31.3 (795)		31.3 (795)		49
50	Ground Clearance	Under mast / power unit / frame	in (mm)	5.7 (145) / 6.7 (170) / 8.9 (225)		5.7 (145) / 6.7 (170) / 8.9 (225)		50	
DRIVE LINE	51	Service Brake	Type		Foot, Hydraulic Boost		Foot, Hydraulic Boost		51
	52	Parking Brake	Type		Hand, Mechanical		Hand, Mechanical		52
	53	Steering	Type		Hydrostatic, Power		Hydrostatic, Power		53
	54	Engine	Model		Nissan TB45	Nissan TD42	Nissan TB45	Nissan TD42	54
	55	Rated Output	SAE gross - LP, Diesel	hp (kW) @ rpm	95.6 (71.3) @ 2450	86 (64.1) @ 2400	95.6 (71.3) @ 2450	86 (64.1) @ 2400	55
	56	Rated Torque	SAE gross - LP, Diesel	ft-lb (Nm) @ rpm	209.4 (284) @ 1600	188 (254.6) @ 2400	209.4 (284) @ 1600	188 (254.6) @ 2400	56
	57	Displacement		cu in (cm ³)	273 (4478)	254 (4169)	273 (4478)	254 (4169)	57
	58	Transmission	Type & Speeds - 1 speed		Powershift, 1 fwd / 1 rev		Powershift, 1 fwd / 1 rev		58
	59		Type & Speeds - 2 speed		Automatic, 2 fwd / 1 rev		Automatic, 2 fwd / 1 rev		59

Platinum G04 series

Dimensions



Mast Specifications & Rated Capacities

Mast Type	Mast Name	Max. Fork Height	Overall Height		Free Lift		Tilt Angle	Rated Capacity at 24" Load Center				
			Lowered	Fully Extended	FL			PF100Y		PF110Y		
			MFH	OHL	With LBR	Without LBR*	With LBR	Without LBR	Fwd/Bkwd	Single Drive	Dual Drive	Single Drive
		in	in	in	in	in	in	deg	lb.	lb.	lb.	lb.
TWO STAGE (Wide view)	2W300	118	84.4	169.3	153.0	6.9	6.9	6/12	10000	10000	11000	11000
	2W330	130	90.4	181.1	164.8	6.9	6.9	6/12	10000	10000	11000	11000
	2W350	138	95.7	189.0	172.6	6.9	6.9	6/12	10000	10000	11000	11000
	2W370	146	100.2	196.9	180.5	6.9	6.9	6/12	10000	10000	11000	11000
	2W400	157	108.1	208.7	192.3	6.9	6.9	6/12	10000	10000	11000	11000
	2W450	177	117.9	228.3	212.0	6.9	6.9	6/6	10000	10000	11000	11000
	2W500	197	127.8	248.0	231.7	6.9	6.9	6/6	10000	10000	11000	11000
THREE STAGE (Full free)	3F385	152	84.4	202.8	186.4	35.6	52.0	6/6	10000	10000	11000	11000
	3F430	169	90.4	220.5	204.1	41.5	57.9	6/6	10000	10000	11000	11000
	3F475	187	95.7	238.2	221.9	46.9	63.2	6/6	10000	10000	11000	11000
	3F515	203	100.2	253.9	237.6	51.4	67.7	6/6	9600	10000	9800	11000
	3F550	217	108.1	267.7	251.4	59.3	75.6	6/6	7000	9700	7100	10800
	3F600	236	117.9	287.4	271.1	69.1	85.4	6/6	5300	9400	5400	9600

* Overall Height - Fully Extended Without LBR, should be reduced by 1.2" to calculate PF100Y Two-Stage Masts (2W)

10,000 / 11,000 lb. capacities

Main Truck Specifications

				Nissan	Nissan	Nissan	Nissan		
CHARACTERISTICS	1	Manufacturer's Name						1	
	2	Model	Model designation	1 spd (2 spd)	PF100Y(H)LP/DF	PFD100Y(H)	PF110Y(H)LP/DF	PFD110Y(H)	2
	3		Long model code	1 spd (2 spd)	MJ1F4A(F)45LV/DV	MW1F4A(F)45V	MJ1F4A(F)50LV/DV	MW1F4A(F)50V	3
	4	Power Type			LP - G/LP	Diesel	LP - G/LP	Diesel	4
	5	Rated Load Capacity		lb (kg)	10000 (4500)		11000 (5000)		5
	6	Load Center	Distance	in (mm)	24 (600)		24 (600)		6
	7	Operator Orientation			Sit		Sit		7
DIMENSIONS	8	Tire Type	Front & rear		Pneumatic		Pneumatic		8
	9	Wheels	Number - front/rear (x=driven)		2x / 2		2x / 2		9
	10	Mast	Maximum fork height	in (mm)	130 (3300)		130 (3300)		10
	11		Mast lowered (OHL)	in (mm)	90.4 (2295)		90.4 (2295)		11
	12		Mast extended with LBR	in (mm)	181.1 (4600)		181.1 (4600)		12
	13		Standard freelif	in (mm)	6.9 (175)		6.9 (175)		13
	14	Forks	Length x thickness x width	in (mm)	48 x 2 x 6 (1220 x 50 x 150)		48 x 2 x 6 (1220 x 50 x 150)		14
	15	Tilt Angle	Standard mast - fwd/back	degree	6 / 12		6 / 12		15
	16	Overall Dimensions	Length (to face of forks)	in (mm)	126.3 (3210)		131.5 (3340)		16
	17		Height - top of OHG	in (mm)	92.5 (2350)		92.5 (2350)		17
	18		Height - top of standard LBR	in (mm)	48.0 (1220)		48.0 (1220)		18
	19		Width - standard carriage	in (mm)	47.2 (1200)		47.2 (1200)		19
	20	Overall Width	Width - single wide tire	in (mm)	58.7 (1490)		58.7 (1490)		20
	21		Width - dual tire / dual wide tire	in (mm)	69.9 (1775) / 77.6 (1190)		69.9 (1775) / 77.6 (1190)		21
	22	Grade Clearance Angle	Departure	%	36		36		22
23	Overhang	Front / rear	in (mm)	23.1 (587) / 24.5 (622)		23.5 (597) / 23.3 (593)		23	
24	Turning Radius	Minimum outside	in (mm)	110.2 (2800)		115.6 (2940)		24	
25	Min Right Angle Stack	Add load length & clearance	in (mm)	133.3 (3387)		139.1 (3537)		25	
PERFORMANCE	26	Travel Speed Forward	1st speed - loaded / unloaded	mph (km/h)	11.2 (18) / 11.2 (18)	11.2 (18) / 12.1 (19.5)	11.2 (18) / 11.2 (18)	11.2 (18) / 12.1 (19.5)	26
	27	Maximum	2nd speed - loaded / unloaded	mph (km/h)	13.7 (22) / 13.7 (22)	14.6 (23.5) / 15.2 (24.5)	13.7 (22) / 13.7 (22)	14.6 (23.5) / 15.2 (24.5)	27
	28	Lifting/Lowering Speed	Lift - loaded / unloaded	fpm (mm/sec)	82.7 (420) / 82.7 (420)	84.6 (430) / 88.6 (450)	82.7 (420) / 82.7 (420)	82.7 (420) / 86.6 (440)	28
	29	Maximum	Lowering - loaded / unloaded	fpm (mm/sec)	88.6 (450) / 88.6 (450)	88.6 (450) / 88.6 (450)	88.6 (450) / 88.6 (450)	88.6 (450) / 88.6 (450)	29
	30	Drawbar Pull Maximum	Full load - at 1 mph	lb (N)	7260 (32300)	6990 (31050)	7470 (33200)	7175 (31900)	30
	31		No load - at 1 mph	lb (N)	6280 (27900)	5610 (24920)	6480 (28800)	5795 (2625)	31
	32	Gradeability Maximum	Full load / no load - at 1 mph	%	25 / 24	24 / 22	23 / 22	22 / 20	32
WEIGHT	33	Truck Weight	No load - standard truck	lb (kg)	15185 (6880)	15090 (6835)	16300 (7385)	16290 (7380)	33
	34	Weight Distribution	Front axle - empty	lb (kg)	6115 (2770)	6180 (2800)	6745 (3055)	6745 (3055)	34
	35		Rear axle - empty	lb (kg)	9070 (4110)	8910 (4035)	9560 (4330)	9545 (4325)	35
	36		Front axle - with rated load	lb (kg)	21940 (9940)	22010 (9970)	23920 (10835)	23930 (10840)	36
	37		Rear axle - with rated load	lb (kg)	3180 (1440)	3015 (1365)	3420 (1550)	3400 (1540)	37
CHASSIS & WHEELS	38	Wheelbase		in (mm)	78.5 (2000)		84.5 (2150)		38
	39	Tire Size	Front Tread - single wide		300 x 15-18PR		300 x 15-18PR		39
	40		Front Tread - dual / dual wide		7.50 x 16-12PR / 8.25 x 15-12PR		7.50 x 16-12PR / 8.25 x 15-12PR		40
	41		Rear Tread		7.00 x 12-16PR		7.00 x 12-16PR		41
	42	Tread - Center of Tire	Front Tread - single wide	in (mm)	46.5 (1180)		46.5 (1180)		42
	43		Front Tread - dual / dual wide	in (mm)	51.5 (1310) / 56.9 (1445)		51.5 (1310) / 56.9 (1445)		43
	44		Rear Tread	in (mm)	46.5 (1180)		46.5 (1180)		44
	45	Seat Height		in (mm)	46.0 (1170)		46.0 (1170)		45
	46	Headroom	SIP to bottom of OHG	in (mm)	45.1 (1145)		45.1 (1145)		46
	47	Counterweight Height		in (mm)	50.2 (1275)		50.2 (1275)		47
	48	Step Height		in (mm)	18.7 (475)		18.7 (475)		48
	49	Floor Height		in (mm)	31.3 (795)		31.3 (795)		49
50	Ground Clearance	Under mast / power unit / frame	in (mm)	5.7 (145) / 6.7 (170) / 8.9 (225)		5.7 (145) / 6.7 (170) / 8.9 (225)		50	
DRIVE LINE	51	Service Brake	Type		Foot, Hydraulic Boost		Foot, Hydraulic Boost		51
	52	Parking Brake	Type		Hand, Mechanical		Hand, Mechanical		52
	53	Steering	Type		Hydrostatic, Power		Hydrostatic, Power		53
	54	Engine	Model		Nissan TB45	Nissan TD42	Nissan TB45	Nissan TD42	54
	55	Rated Output	SAE gross - LP, Diesel	hp (kW) @ rpm	95.6 (71.3) @ 2450	86 (64.1) @ 2400	95.6 (71.3) @ 2450	86 (64.1) @ 2400	55
	56	Rated Torque	SAE gross - LP, Diesel	ft-lb(Nm)@rpm	209.4(284)@1600	188 (254.6)@2400	209.4(284)@1600	188(254.6)@2400	56
	57	Displacement		cu in (cm ³)	273 (4478)	254 (4169)	273 (4478)	254 (4169)	57
	58	Transmission	Type & Speeds - 1 speed		Powershift, 1 fwd / 1 rev		Powershift, 1 fwd / 1 rev		58
	59		Type & Speeds - 2 speed		Automatic, 2 fwd / 1 rev		Automatic, 2 fwd / 1 rev		59

Available Equipment

Standard Equipment

- Nissan's own TB45, LP or dual fuel, in-line, 6-cylinder industrial engine
- Computer controlled Electronic Concentrated Control System (ECCS)¹, electronic fuel injection technology, with single-port fuel injection (LP) / multi-port injection (Gas), providing low emission levels, well below EPA Tier II and CARB requirements
- Nissan's own low emission, EPA Diesel Tier III, TD42, in-line, 6-cylinder industrial diesel engine, with an electronic controlled Quick Glow System for dependable cold weather starting
- Engine/transmission protection and warning system to safeguard your investment¹
- Seat actuated Operator Presence System includes power interrupt, auto-mast lock, return-to-neutral, audio and visual warnings
- Full suspension seat with operator restraint system
- Cushioned floor mat
- Seat belt warning system, horn, and back-up alarm
- Tilt-adjustable steering wheel
- Multi-function LCD display with operator PIN security access
- Hour meter, clock, and calendar
- On-board diagnostics and programmable service reminder
- Speedometer and F/N/R transmission indicator
- Engine coolant temperature gauge and low fuel warning light (LP) / fuel gauge (Gas/Diesel)
- Single speed powershift transmission with full floating powertrain
- Hydrostatic power steering
- Hydraulic boosted brakes
- Single lift/tilt hydraulic control lever
- High air intake system with large 7" cyclone air filter
- Swing-down LP bracket (LP models only)¹
- Overhead guard mounted

headlights

- 5-piece reinforced overhead guard

Optional Equipment

- Ground speed control (high/low speed settings) and Power/Economy controlled acceleration mode¹
- Dual fuel engine for LP and Gasoline
- UL safety rating available for LP fuel type
- Two speed automatic transmission
- Separate lift & tilt hydraulic control levers
- Synchronized steering with spinner knob
- Swivel seat with rear OHG mounted assist grip with horn button
- Solid or dual drive pneumatic tires
- Anti-Dust, Low Noise, or Corrosion Resistant packages
- Tilt cylinder boots or covers
- Vertical exhaust
- Radiator screen
- Air intake pre-cleaner
- Rear combination light package
- Rotating beacon or strobe light
- Rear work light
- Low overhead guard (88.5")

Electronic Fuel Injection Engine Technology

Platinum G04 Series' LP and Dual Fuel models are powered by Nissan's own TB45 (4.5 liter) electronic fuel injected industrial engine. Its Electronic Concentrated Control System (ECCS) analyzes engine performance parameters and optimizes engine operation, resulting in enhanced productivity and lower fuel consumption. This system includes three main components: Engine Control Module (ECM), Vehicle Control Module (VCM), and Multi-function LCD Display.

The ECM responds to sensor input to control basic engine related functions, such as proper air/fuel ratio, torque and speed, based on the requirements of the application. The VCM monitors a number of sensors to alert the

operator of changing conditions via a full range of warning indicators located on the truck's LCD display. All communication among these components occurs through a Controller Area Network (CAN) system.

The TB45 industrial engine is specifically designed and tested for industrial applications in order to deliver the power and torque to meet the needs of the application. As an added safeguard for your investment, the Platinum G04's TB45 engine includes an engine/transmission protection and warning system to reduce engine rpm in the event of excessive heat generation or loss of oil pressure.

Low Emission Engines LP/Dual Fuel

Nissan's global commitment to preserving and protecting the environment is evident in the Platinum G04 Series' ECCS engine, providing exceptionally low emission levels that are well below EPA Tier II and CARB requirements. Nissan is the first lift truck manufacturer to receive EPA and CARB certification for their own line-up of industrial engines, setting us apart as the world leader in clean air engine technology. The TB45's combination of ECCS, automotive-type closed-loop design, and three-way catalytic converter provides enhanced fuel economy and lower exhaust emissions.

Diesel

Nissan's own TD42 diesel industrial engine offers improved fuel consumption and near elimination of particulate matter, with emission levels well below EPA Tier III requirements. A completely new, electronically regulated, Quick Glow System results in considerably reduced glow times, providing faster engine starting in cold weather.

Enhanced Work Environment

Several standard features are included in the Platinum G04 Series to deliver a more comfortable and productive work environment for the operator and those in the surrounding area.

The Nissan engines offer extremely low noise levels at the operator's ear during idle and at maximum travel speeds. For the

TB45 engine, an optional ground speed control feature is available to control high or low maximum travel speed settings, while the optional controlled acceleration's economy mode adjusts throttle sensitivity to increase fuel efficiency, extend drivetrain life and reduce excessive tire wear. The two-speed models feature an automatic transmission with reduced shift shock due to shortened shift time lag and utilization of an optimized shift schedule.

The Platinum G04's Operator Presence System, with seat-actuated power interrupt, incorporates a mast-lock which automatically locks lift and tilt operations when the operator leaves the seat, and a return to neutral feature to minimize forklift movement if the operator leaves the seat while the lift truck is still in gear. This presence system also includes audible and visual warnings if either the seat belt is not engaged, or when the parking brake has not been applied prior to the operator exiting the compartment.

For easy entry/exit from either side, welded metal assist grips, combined with a replaceable metal traction plate bolted to the truck's wide, low entry step, provide the operator with sure, comfortable footing and grip for this often repeated task. Nissan's own swing-down LP bracket design uses a gas spring assist to reduce operator effort during tank replacement.

Ease of Maintenance

Tilt cylinders can be greased without removing any body panels. One bolt removal allows the two-piece floorboard to be lifted off, promoting simple access to hydraulic components. Detachable side panels and a wide-open clamshell hood provide a roomy area for service technicians to perform their tasks. The five-piece reinforced overhead guard simplifies replacement of individual components if necessary, saving time and money. A window in the floor board allows for quick and easy brake fluid checks.

A multi-function LCD display includes on-board diagnostics to keep service time low, with a programmable service reminder in order to stay current with peri-

Technical Information **Platinum G04 Series**

odic maintenance needs. Its display design provides the operator with excellent visibility and understanding of warning indicators.

Operator Comfort and Control

A spacious operator compartment provides generous foot, leg and head room for a variety of driver sizes. A standard full suspension, fold down seat with soft touch arm pads and hip restraints provides maximum operator comfort and enhanced safety. Its low profile design offers ample head clearance, while front to back travel adjustment allows a comfortable, customized fit for nearly any operator height.

The Platinum G04's, tilt-adjustable steering wheel helps the operator quickly find his or her ideal driving position, while its compact design offers enhanced control and handling. Hydrostatic power steering minimizes steer effort and operator fatigue. Hydraulic boosted brakes offer reduced pedal effort and

improved brake durability. An optional swivel seat produces greater operator comfort and visibility while driving in reverse, and includes a rear assist grip with horn button to further enhance operator productivity. Automotive-style light and turn signal levers simplify repetitive actions allowing the operator to focus on the job. An optional auto tilt leveling system assists proper mast/fork positioning.

Enhanced comfort results from the Platinum G04 Series' Operator Comfort System, which includes a full suspension seat, cushion floor mat, pedals mounted to the chassis frame, and rubber shock absorbers located throughout the vehicle to reduce vibration from the engine and transmission to the operator. For additional vibration reduction, Platinum G04 Series includes an automotive-type floating powertrain design, which incorporates four rubber engine/transmission supports. The G04's chassis has been

designed with a low center of gravity (CG), with the roll center of the rear axle mounted close to the CG, for enhanced stability.

The G04 features tandem hydraulic pumps, with one pump for lifting and one pump for the power steering and brake booster. A priority load sensing control valve allows the steering/brake pump to supply hydraulic oil to the lift system when not required for steering/braking.

Durable Design Features

The G04 Series is built for toughness, with a robust mast, strong frame, thick steel fenders, and 5-ton truck drive and steer axles on all models.

The G04's superior cooling system consists of an oversized fan and wide cooling outlet, for enhanced airflow, and a heavy-duty radiator, with transmission oil cooler, rubber mounted to reduce flexing and absorb vibration for enhanced reliability. Its improved cooling capacity translates into

dependable cooling efficiency under heavy usage or high ambient temperatures.

A heavy-duty steer axle, cast for improved axle strength, protects the steer cylinder from damage, while steer cylinder boot covers keep out dirt and debris. The rear axle ball joints, with dust covers for protection against dirt, include grease fittings for easy lubrication to provide longer life and steering ease.

Lift cylinders include oil return piping for reduced heat generation and extended life. The counterweight is designed to deflect cooling airflow down and away from the truck, and it features a built-in radiator protection bar.

IP55 & IP65 rated control modules, combined with a wiring harness with sealed connectors, provides protection against dirt and corrosion.

¹Available on LP and dual fuel models only.

Optional Equipment



Wide, dual or solid pneumatic tire options available.



Rear work light, or rear strobe light, for enhanced awareness.



Brake lights, turn signals, and backup lights or large size rearview mirrors.



Air intake pre-cleaner for extended filter life.



Polycarbonate rain guard, with water diversion channels, partially opaque for protection from the sun.



Tilt cylinder boots or tilt cylinder covers for protection against dirt and dust. Mast tilt gauge provides visual indication for vertical alignment of mast.

Option Availability

Platinum G04 Series Pneumatic Models

Standard S Option O

		Fuel Types		
		LP	Dual Fuel	Diesel
Vehicle Management	Vehicle Control Module (VCM)	S	S	S
	Multi-function LCD Meter Panel display	S	S	S
	Security PIN access	S	S	S
	On-board diagnostics and service reminder	S	S	S
	Engine coolant temperature gauge	S	S	S
	Oil pressure, transmission fluid and coolant temperature warning indicator	S	S	S
	Low LP fuel warning indicator	S	S	-
	Fuel gauge (Gas, Diesel)	-	S	S
	Low coolant warning ¹	S	S	S
	Air cleaner warning	S	S	S
Powertrain	Engine Control Module (ECM)	S	S	-
	Engine/transmission protection system	S	S	-
	Floating powertrain for reduced vibration	S	S	S
	Three-way catalytic converter	S	S	-
	Travel speed control - high/low speed selector	O	O	-
	Controlled acceleration - power/economy modes	O	O	-
	Radiator screen	O	O	O
	UL Safety rating	O	-	-
Operator Presence System	Seat actuated auto-mast lock system	S	S	S
	Automatic return-to-neutral	S	S	S
	Seatbelt warning	S	S	S
Steering System	Tilt steering wheel	S	S	S
	Hydrostatic power steering system	S	S	S
Brake	Parking brake with warning buzzer	S	S	S
	Hydraulic boosted brakes	S	S	S
Hydraulic System	Single lift/tilt control lever	S	S	S
	Separate lift & tilt control levers	O	O	O
	Auto-tilt leveling system	O	O	O
	Hydraulic load sensing valve system	S	S	S
Operator Conveniences	Full suspension seat	S	S	S
	OHG-mounted headlights	S	S	S
	Swing-down LP bracket	S	S	-
	Cushioned floor mat	S	S	S
	Back-up alarm	S	S	S
	Rearview mirrors	O	O	O
	Rear combination lights with front turn signals	O	O	O
	Rear work light	O	O	O
	Strobe light or rotating beacon	O	O	O

1. Not available on LPS models



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NISSAN GREEN PROGRAM

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Platinum G06 Series

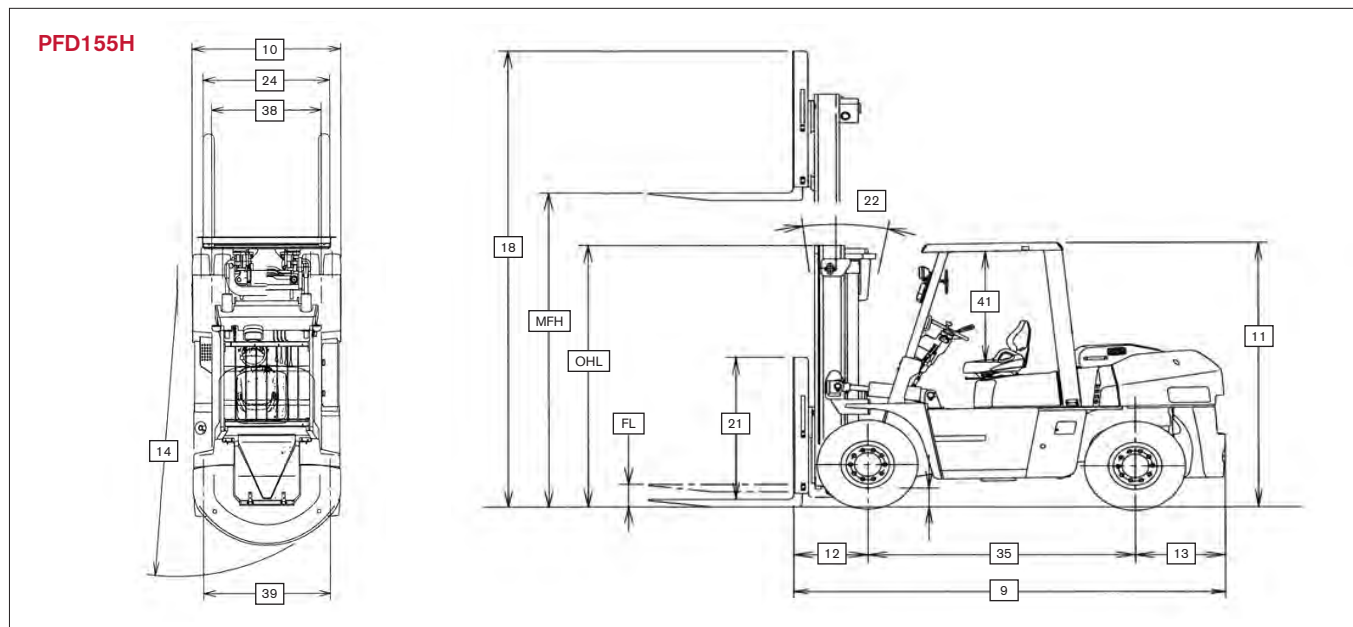
Heavyweight Pneumatic Tire / Engine Powered Model / Diesel

15,500 – 17,500 lb.
Capacities



Platinum G06 series

Dimensions



Mast Specifications & Rated Capacities

PFD155H	Mast Name	Max. Fork Height	Overall Height				Free Lift		Tilt Angle	Rated Capacity at 24" Load Center
			Lowered		Fully Extended		FL		Fwd/ Bkwd	PFD155H Dual Drive
			MFH	OHL	With LBR	Without LBR	With LBR	Without LBR		
			in	in	in	in	in	in	deg	lbs
TWO STAGE (Wide view)	2W300	118	98.5	174.1	162.3	8.4	8.4	6/12	15500	
	2W330	130	104.4	185.9	174.1	8.4	8.4	6/12	15500	
	2W350	138	108.3	193.8	181.9	8.4	8.4	6/12	15500	
	2W400	157	120.1	213.4	201.6	8.4	8.4	6/12	15500	
	2W450	177	130.0	233.1	221.3	8.4	8.4	6/12	15500	
	2W500	197	139.8	252.8	241.0	8.4	8.4	6/6	15500	
	2W550	216	151.6	272.5	260.7	8.4	8.4	3/6	14500	
	2W600	236	161.5	292.2	280.4	8.4	8.4	3/6	14100	
TWO STAGE (Full free)	2F300	118	103.4	174.1	161.3	49.4	62.2	6/12	15500	
	2F330	130	109.3	185.9	173.1	55.3	68.1	6/12	15500	
	2F350	138	113.2	193.8	181.0	59.2	72.0	6/12	15500	
	2F400	157	125.0	213.4	200.6	71.0	83.8	6/12	15500	
	2F450	177	134.9	233.1	220.3	80.9	93.7	6/12	15500	
THREE STAGE (Full free)	3F400	157	98.5	212.6	199.9	44.4	57.2	6/10	13650	
	3F435	171	103.4	226.4	213.6	49.4	62.2	6/10	13650	
	3F480	189	109.3	244.1	231.3	55.3	68.1	6/10	13650	
	3F500	197	113.2	252.0	239.2	59.2	72.0	6/10	13650	
	3F600	236	130.0	291.4	278.6	75.9	88.7	3/6	12125	
	3F700	276	144.7	330.8	318.0	90.7	103.5	3/6	8150	
	3F800	315	161.5	370.1	357.3	107.4	120.2	3/6	5050	

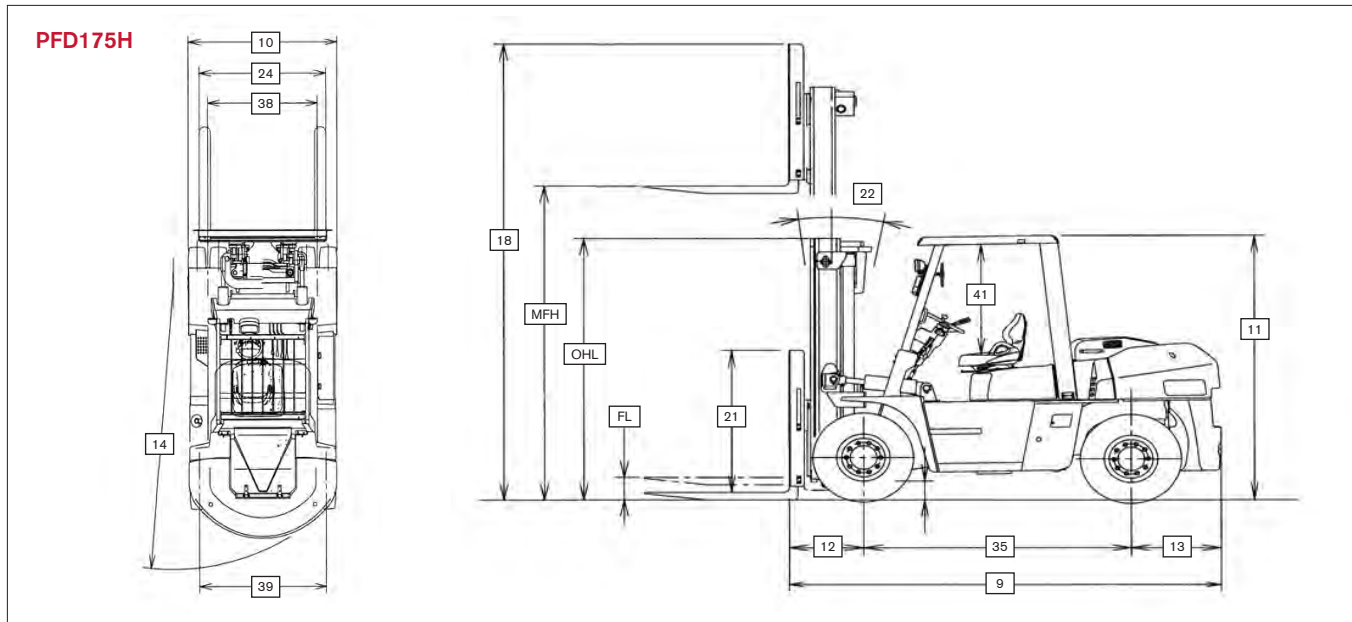
15,500 lb. capacity

Main Truck Specifications

CHARACTERISTICS	1	Manufacturer's Name		Nissan Forklift	1	
	2	Model	Model series	G06 Series	2	
	3		Model designation	PFD155H	3	
	4		Long model code	L1F6F70V	4	
	5	Rated Load Capacity		lbs (kg)	15500 (7000)	5
	6	Load Center	Distance	in (mm)	24 (600)	6
	7	Power Type			Diesel	7
	8	Operator Orientation			Sit Down Rider	8
DIMENSIONS	9	Overall Dimensions	Length (to face of forks)	in (mm)	143.3 (3640)	9
	10		Overall width	in (mm)	78.5 (1995)	10
	11		Height - top of OHG	in (mm)	99.6 (2530)	11
	12	Overhang	Front	in (mm)	24.6 (625)	12
	13		Rear	in (mm)	30.1 (765)	13
	14	Turning Radius	Minimum outside	in (mm)	133.1 (3380)	14
	15	Min Right Angle Stack	Add load length & clearance	in (mm)	157.7 (4005)	15
	16	Mast	Maximum fork height	in (mm)	118 (3000)	16
	17		Mast overall lowered height	in (mm)	98.5 (2500)	17
	18		Mast extended height with LBR	in (mm)	174.1 (4420)	18
	19		Standard freelif height	in (mm)	8.4 (215)	19
	20		Width of standard carriage	in (mm)	72.6 (1845)	20
	21		Height to top of standard LBR	in (mm)	53.7 (1365)	21
	22	Tilt Angle	Standard mast - fwd/back	degree	6 / 12	22
23	Forks Size	Length x width x thickness	in (mm)	48 x 6 x 2.5 (1220 x 150 x 65)	23	
24	Fork Spread	Maximum / minimum (outside)	in (mm)	72.2 / 11.8 (1835 / 300)	24	
WEIGHT PERFORMANCE	25	Speeds Maximum	Travel - full load / no load	mph (km/h)	18.0 / 19.2 (29 / 31)	25
	26		Lift - full load / no load	ft/min (mm/sec)	98.4 / 102.4 (500 / 520)	26
	27		Lowering - full load / no load	ft/min (mm/sec)	88.6 / 98.4 (450 / 500)	27
	28	Drawbar Pull Maximum	Full load / no load	lb (kN)	12342 / 4856 (54.9 / 21.6)	28
	29	Gradeability Maximum	Full load / no load	%	31 / 16	29
WHEELS & TIRES	30	Truck Weight	Standard truck - no load	lbs (kg)	21120 (9580)	30
	31	Weight Distribution	No load - front axle / rear axle	lbs (kg)	8510 (3860) / 12610 (5720)	31
	32		Full load - front axle / rear axle	lbs (kg)	32345 (14670) / 4210 (1910)	32
	33	Tire Type	Front & rear		Pneumatic	33
	34	Wheels	Number - front/rear (x=driven)		4x / 2	34
	35	Wheelbase		in (mm)	88.6 (2250)	35
36	Tire Size	Front		8.25x15-14PR	36	
37		Rear		8.25x15-14PR	37	
38	Tread - Center of Tire	Front (standard tires)	in (mm)	57.9 (1470)	38	
39		Rear (standard tires)	in (mm)	66.9 (1700)	39	
CHASSIS	40	Counterweight Height		in (mm)	59.1 (1500)	40
	41	Headroom	SIP to bottom of OHG	in (mm)	45.2 (1150)	41
	42	Floor Height		in (mm)	36.8 (935)	42
	43	Ground Clearance	Under mast - full load	in (mm)	6.7 (170)	43
	44		Under frame, center of wheelbase	in (mm)	9.6 (245)	44
	45	Brake	Service	type	Drum and Shoe	45
	46		Parking		Mechanical Hand Lever	46
ENGINE/TRANSMISSION	47	Battery	Voltage		24V	47
	48	Steering	Type		Hydrostatic, Power	48
	49	Engine	Model		ISUZU 4HK1-TC	49
	50	Rated Output		Hp (kW) @ rpm	116.7 (87) @ 2000	50
	51	Rated Torque		lb-ft (Nm) @ rpm	358.9 (486.7) @ 1500	51
	52	Number of Cylinders / Displacement		cu.in. (L)	4 / 316.9 (5.2)	52
	53	Fuel Tank Capacity		Gal (L)	37.0 (140)	53
	54	Transmission	Type		Automatic Powershift	54
	55		Number speeds - fwd/rev		2 / 2	55
	56	Operating Pressure	For attachments	psi (bar)	2900 (200)	56

Platinum G06 series

Dimensions



Mast Specifications & Rated Capacities

PFD175H	Mast Name	Max. Fork Height	Overall Height		Free Lift		Tilt Angle	Rated Capacity at 24" Load Center	
			Lowered	Fully Extended	FL	FL			
			MFH	OHL	With LBR	Without LBR	With LBR	Without LBR	Fwd/ Bkwd
		in	in	in	in	in	in	deg	lbs
TWO STAGE (Wide view)	2W300	118	106.3	174.1	164.6	8.0	8.0	6/12	17500
	2W330	130	112.3	185.9	176.4	8.0	8.0	6/12	17500
	2W350	138	116.2	193.8	184.3	8.0	8.0	6/12	17500
	2W400	157	128.0	213.4	204.0	8.0	8.0	6/12	17500
	2W450	177	137.8	233.1	223.7	8.0	8.0	6/12	17500
	2W500	197	147.7	252.8	243.4	8.0	8.0	6/6	17000
	2W550	216	159.5	272.5	263.0	8.0	8.0	3/6	16300
	2W600	236	169.3	292.2	284.7	8.0	8.0	3/6	15400
TWO STAGE (Full free)	2F300	118	106.3	174.1	166.0	52.9	61.0	6/12	17500
	2F330	130	112.3	185.9	177.8	58.8	66.9	6/12	17500
	2F350	138	116.2	193.8	185.7	62.7	70.8	6/12	17500
	2F400	157	128.0	213.4	205.4	74.6	82.6	6/12	17500
	2F450	177	137.8	233.1	225.0	84.4	92.5	6/12	17500
THREE STAGE (Full free)	3F400	157	101.4	212.6	204.6	48.0	56.1	6/10	15450
	3F435	171	106.3	226.4	218.4	52.9	61.0	6/10	15450
	3F480	189	112.3	244.1	236.1	58.8	66.9	6/10	15450
	3F500	197	116.2	252.0	243.9	62.5	70.6	6/10	15450
	3F600	236	132.9	291.4	283.3	79.5	87.5	3/6	13250
	3F700	276	147.7	330.8	322.7	94.2	102.3	3/6	9900
	3F800	315	164.4	370.1	362.1	111.0	119.0	3/6	5500

17,500 lb. capacity

Main Truck Specifications

CHARACTERISTICS	1	Manufacturer's Name		Nissan Forklift	1	
	2	Model	Model series	G06 Series	2	
	3		Model designation	PFD175H	3	
	4		Long model code	L1F6F80V	4	
	5	Rated Load Capacity		lbs (kg)	17500 (8000)	5
	6	Load Center	Distance	in (mm)	24 (600)	6
	7	Power Type			Diesel	7
	8	Operator Orientation			Sit Down Rider	8
DIMENSIONS	9	Overall Dimensions	Length (to face of forks)	in (mm)	156.7 (3980)	9
	10		Overall width	in (mm)	85.2 (2165)	10
	11		Height - top of OHG	in (mm)	103.9 (2640)	11
	12	Overhang	Front	in (mm)	28.3 (720)	12
	13		Rear	in (mm)	30 (760)	13
	14	Turning Radius	Minimum outside	in (mm)	142.9 (3630)	14
	15	Min Right Angle Stack	Add load length & clearance	in (mm)	171.2 (4350)	15
	16	Mast	Maximum fork height	in (mm)	118 (3000)	16
	17		Mast overall lowered height	in (mm)	106.3 (2700)	17
	18		Mast extended height with LBR	in (mm)	174.1 (4420)	18
	19		Standard freelif height	in (mm)	8.0 (205)	19
	20		Width of standard carriage	in (mm)	79.3 (2015)	20
	21		Height to top of standard LBR	in (mm)	53.5 (1360)	21
22	Tilt Angle	Standard mast - fwd/back	degree	6 / 12	22	
23	Forks Size	Length x width x thickness	in (mm)	48 x 6 x 2.5 (1220 x 150 x 65)	23	
24	Fork Spread	Maximum / minimum (outside)	in (mm)	78.7 / 13.4 (2000 / 340)	24	
PERFORMANCE	25	Speeds Maximum	Travel - full load / no load	mph (km/h)	17.7 / 19.9 (28.5 / 32)	25
	26		Lift - full load / no load	ft/min (mm/sec)	88.6 / 92.5 (450 / 470)	26
	27		Lowering - full load / no load	ft/min (mm/sec)	88.6 / 88.6 (450 / 450)	27
	28	Drawbar Pull Maximum	Full load / no load	lb (kN)	13444 / 6182 (59.8 / 27.5)	28
	29	Gradeability Maximum	Full load / no load	%	28 / 20	29
WEIGHT	30	Truck Weight	Standard truck - no load	lbs (kg)	24760 (11230)	30
	31	Weight Distribution	No load - front axle / rear axle	lbs (kg)	10805 (4900) / 13955 (6330)	31
	32		Full load - front axle / rear axle	lbs (kg)	37745 (17120) / 4655 (2110)	32
	33	Tire Type	Front & rear		Pneumatic	33
	34	Wheels	Number - front/rear (x=driven)		4x / 2	34
TIRES	35	Wheelbase		in (mm)	98.5 (2500)	35
	36	Tire Size	Front		9.00x20-14PR	36
	37		Rear		9.00x20-14PR	37
	38	Tread - Center of Tire	Front (standard tires)	in (mm)	63.0 (1600)	38
	39		Rear (standard tires)	in (mm)	66.9 (1700)	39
CHASSIS	40	Counterweight Height		in (mm)	63.4 (1610)	40
	41	Headroom	SIP to bottom of OHG	in (mm)	45.2 (1150)	41
	42	Floor Height		in (mm)	41.2 (1045)	42
	43	Ground Clearance	Under mast - full load	in (mm)	8.5 (215)	43
	44		Under frame, center of wheelbase	in (mm)	12.8 (325)	44
	45	Brake	Service	type	Drum and Shoe	45
	46		Parking		Mechanical Hand Lever	46
ENGINE/TRANSMISSION	47	Battery	Voltage		24V	47
	48	Steering	Type		Hydrostatic, Power	48
	49	Engine	Model		ISUZU 4HK1-TC	49
	50	Rated Output		Hp (kW) @ rpm	116.7 (87) @ 2000	50
	51	Rated Torque		lb-ft (Nm) @ rpm	358.9 (486.7) @ 1500	51
	52	Number of Cylinders / Displacement		cu.in. (L)	4 / 316.9 (5.2)	52
	53	Fuel Tank Capacity		Gal (L)	37.0 (140)	53
	54	Transmission	Type		Automatic Powershift	54
	55		Number speeds - fwd/rev		2 / 2	55
	56	Operating Pressure	For attachments		psi (bar)	2900 (200)

Platinum G06_{series}

Technical Information

Standard Equipment

1. EPA/CARB certified - Isuzu Diesel Engine with electronic engine control and common rail fuel injection
2. Turbocharger with intercooler
3. 2-speed, automatic transmission with full floating powertrain for reduced vibration
4. Engine temperature protection and warning system to safeguard your investment
5. Transmission mode selector - high speed / low speed / first gear
6. Heavy-duty, cushion mounted radiator w/transmission oil cooler
7. Large engine oil filter
8. Dual fuel filters
9. Seat actuated Operator Presence System includes return-to-neutral power interrupt with parking brake and seatbelt warnings
10. Full suspension seat with operator restraint system
11. Tilt-adjustable steering wheel
12. Cushioned rubber floor mat
13. Horn, back-up alarm, and dual rearview mirrors
14. OHG-mounted headlights and front turn signals
15. Rear combination lights - tail, brake, and back-up
16. Easi-view meter panel with LCD display and long-life LED indicators
17. Hour meter and check engine warning
18. Engine glow plug preheating indicator
19. Engine coolant temperature gauge with low coolant level warning light
20. Transmission oil temperature gauge
21. Low engine oil pressure warning
22. Transmission neutral indicator
23. Fuel gauge with low fuel level warning
24. Battery charge warning
25. Air cleaner clogging warning
26. Anti-restart ignition with neutral-start system
27. Drive-by-wire accelerator control

28. Hydrostatic power steering system
29. Hydraulic boosted brakes with pressure accumulator
30. 3-spool hydraulic control valve
31. High air intake system with large cyclone air filter
32. 5-piece overhead guard
33. Dual drive tires
34. Drawbar (tow) pin

Optional Equipment

1. Solid pneumatic tires
2. Air intake pre-cleaner
3. Radiator screen
4. Overhead exhaust muffler
5. Steering synchronizer - knob position control
6. Tilt cylinder boots
7. Rear work light
8. Strobe light

Operator Comfort and Control

Enhanced comfort results from the Platinum G06 Series' Operator Comfort System, which includes a full suspension seat, cushion floor mat, pedals mounted to the chassis frame, and rubber shock absorbers located throughout the vehicle to reduce vibration from the engine and transmission to the operator. The Platinum G06 Series' floating powertrain design incorporates rubber engine/transmission supports, for additional vibration reduction.

A spacious operator compartment provides generous foot, leg and head room for a variety of driver sizes. The standard full suspension seat with soft touch hip restraints provides maximum operator comfort. Its low profile design offers ample head clearance, while front to back travel adjustment allows a comfortable, customized fit for nearly any operator height.

The Platinum G06's tilt-adjustable steering wheel helps the operator quickly find his or her ideal driving position, while its compact design offers enhanced control and handling. Hydrostatic power steering provides superior response for enhanced maneuverability, while minimizing steer effort for low operator fatigue.

Hydraulic boosted brakes offer reduced pedal effort, resulting in enhanced operator comfort and control. The electric directional control lever makes it easy to change the direction of travel. Automotive-style light and turn signal levers provide easy operation, allowing the operator to focus on the job.

Enhanced Work Environment

Several standard features are included in the Platinum G06 Series to deliver a more comfortable and productive work environment for the operator and those in the surrounding area.

For easy entry/exit, the left front pillar's assist grip, combined with a low, wide entry step, with non-skid coating, and a wide, metal traction plate second step, provide the operator with sure, comfortable footing and grip for this often repeated task.

A wide-view carriage offers improved forward visibility with improved fork tip visibility for enhanced operation. The Easi-view meter panel, with LCD display and bright, long-life LED indicators, provides the operator with excellent visibility and understanding of warning indicators.

The G06's two-speed, automatic transmission reduces shift shock due to shortened shift time lag. The standard transmission mode selector allows the operator to switch between low speed, high speed, or first gear travel.

The Platinum G06's Operator Presence System, with seat actuated power interrupt, incorporates a mast-lock which automatically locks lift and tilt operations when the operator leaves the seat, and a return to neutral feature to minimize forklift movement if the operator leaves the seat while the lift truck is still in gear. This presence system also includes warnings if either the seat belt is not engaged, or when the parking brake has not been applied prior to the operator exiting the compartment. Note, the return-to-neutral system only shifts the transmission into neutral; it does not engage the brakes.

Technical Information

Advanced Engine Technology

Platinum G06 Series are powered by an Isuzu 4HK1-TC, 5.2-liter, industrial diesel engine. The combination of electronic fuel injection and engine turbo charging technology results in higher power and increased efficiency, with emission levels well below EPA Tier III requirements.

The engine's single overhead cam (SOHC) and 16 valve (four valves per cylinder) design maximizes the air flow into and out of the engine, providing highly efficient optimization of the fuel, air, and exhaust flow, resulting in improved fuel efficiency by increasing air intake and discharge efficiency. Maximum horsepower and torque at low rpm results in increased engine durability.

As an added safeguard for your investment, the Platinum G06 includes an engine protection and warning system to reduce engine rpm in the event of excessive heat generation. An electronically regulated, Quick Glow System results in considerably reduced glow times, providing faster engine starting in cold weather.

Electronic Fuel Injection

An electronic, common rail fuel injection system analyzes engine performance parameters and optimizes engine operation, resulting in enhanced productivity and lower fuel consumption. The diesel engine control module (DCM) uses a feedback loop to respond to sensor input to control engine related functions, such as proper air/fuel ratio, injection timing, and speed, based on the requirements of the application.

The common rail, high-pressure fuel-injection system improves combustion efficiency by ultra high-pressure fuel injection. With common rail injection technology, the fuel injector for each cylinder is constantly provided with extremely high pressure fuel from the rail. The DCM controls the injection pulses to regulate the injection timing and the amount of fuel injected into each cylinder, for optimized fuel combustion. This electronic control offers improved fuel consumption,

substantially lower emissions of nitrogen oxides (NOx) and near elimination of particulate matter.

Intercooled Turbo Diesel

The G06 Series' engine turbocharger and intercooler increases the engine's rated output for high productivity. The turbo creates more power by force-feeding compressed air to the cylinders. The turbocharger system provides constant boost pressure over the entire rpm range, for excellent torque at low speeds. To maximize the benefits of the turbo-charger, an intercooler chills the compressed air, for a denser intake charge, allowing for greater combustion and increased power output.

Cooled Exhaust Gas Recirculation (EGR) System

The exhaust gas recirculation system (EGR) returns a measured amount of exhaust gas back to the combustion chamber, to reduce the combustion temperature and reduce the concentration of oxygen in the combustion chamber, reducing the formation of nitrogen oxide (NOx). An EGR cooler reduces the exhaust temperature prior to mixing into the intake stream, preventing loss of air charge density.

Ease of Maintenance

Built-in diagnostics will display warning lights and gauges on the truck's instrument panel to provide truck status. Tilt cylinders grease points are conveniently located for easy lubrication. The two-piece, front and rear, floorboards are easily removed and reinstalled, without tools, promoting simple access to the transmission and hydraulic components. A wide-open clamshell hood provides a roomy area for service technicians to perform their tasks. The five-piece reinforced overhead guard simplifies replacement of individual components if necessary, saving time and money.

Durable Design Features

The G06 Series is built for toughness, with a robust mast, strong frame, thick steel fenders, and heavy-duty drive and steer axles.

The wide-opening engine hood features gas strut supports for easy opening/closing. A detent on one strut helps keep the hood open during servicing. Insulation under the hood helps reduce noise for a more comfortable ride for the operator.

The G06 features transmission driven, triple hydraulic pumps providing enhanced efficiency, durability and accessibility. One pump is used for lifting and load handling, one pump for the power steering system, and a third pump for the hydraulically boosted brake system. A priority load sensing control valve allows excess hydraulic fluid from the steering system to supply hydraulic oil to the lift system for increased lift speeds.

The G06's superior cooling system consists of an oversized fan and wide cooling outlet, for enhanced airflow. The heavy-duty radiator, with transmission oil cooler, is rubber mounted to reduce flexing and absorb vibration for enhanced reliability. The improved cooling capacity translates into dependable cooling efficiency under heavy usage or high ambient temperatures. A cyclone air cleaner helps extend filter life, while a sensor on the dash panel will indicate inadequate airflow, to help prevent overheating.

A heavy-duty steer axle protects the steer cylinder from damage. The rear axle includes grease fittings for easy lubrication to provide longer life and steering ease.

Lift cylinders include oil return piping for reduced heat generation and extended life. The mast's rugged precision ball bearings deliver smooth operation and maximum control while telescoping. A flow control valve restricts the lowering speed of the mast in the event hose pressure is lost. Tilt lock valves give smooth mast tilt operation in both directions.

Option Availability

Platinum G06 Series

Standard S Option O

		Diesel Fuel Types	
		PFD155H	PFD175H
Vehicle Management	Easi-view meter panel	S	S
	-Hour meter	S	S
	-Parking brake warning light and seatbelt warning light	S	S
	-Transmission neutral light	S	S
	-Fuel gauge with low fuel level warning light	S	S
	-Engine coolant temperature gauge with low coolant level warning light	S	S
	-Engine preheating glow plug indicator light	S	S
	-Check engine warning light	S	S
	-Low engine oil pressure warning light	S	S
	-Battery charge warning light	S	S
	-Air cleaner clogging warning light	S	S
	-Transmission oil temperature gauge	S	S
	Powertrain	EPA Tier III/CARB Certified - Isuzu Diesel Engine	S
5.2-liter, 4-cylinder, 16-valve, dual overhead cam (DOHC)		S	S
Electronic diesel engine control (DCM)		S	S
Common Rail Fuel Injection		S	S
Turbo charger with intercooler		S	S
Automatic 2-speed transmission		S	S
Engine temperature protection system		S	S
Floating powertrain for reduced vibration		S	S
Travel speed selector - high speed / low speed / first gear		S	S
Heavy-duty, cushion mounted radiator w/ATM oil cooler		S	S
Hydraulic oil cooler		-	S
Large engine oil filter and dual diesel fuel filters		S	S
Air intake pre-cleaner		O	O
Radiator screen	O	O	
Overhead exhaust muffler	O	O	
Operator Presence System	Seat actuated auto-mast lock system	S	S
	Automatic return-to-neutral	S	S
	Seatbelt warning	S	S
Steering System	Adjustable tilt steering wheel	S	S
	Hydrostatic power steering system	S	S
	Steering synchronizer - knob position control	O	O
Brake	Parking brake with warning buzzer	S	S
	Hydraulic boosted brakes with pressure accumulator	S	S
Hydraulic System	3-spool hydraulic control valve	S	S
	Hydraulic load sensing valve system	S	S
	Triple hydraulic pumps with transmission power take off	S	S
	Tilt cylinder boots	O	O
Operator Conveniences	Full suspension seat	S	S
	OHG-mounted headlights	S	S
	OHG-mounted front turn signals	S	S
	Rear combination lights - tail, brake, and back-up	S	S
	Cushioned floor mat	S	S
	Back-up alarm	S	S
	Rearview mirrors	S	S
	Rear work light	O	O
	Strobe light - amber	O	O



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