

NISSAN
FORKLIFT

Platinum Series

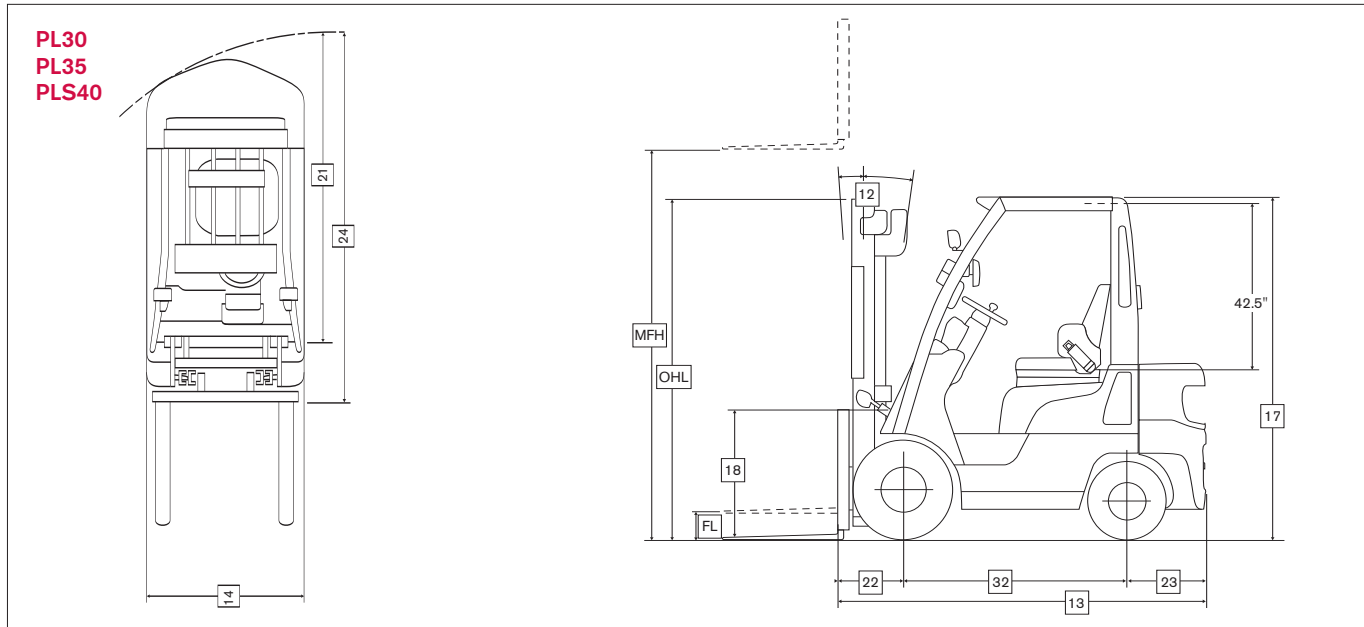
Pneumatic Tire / Engine Powered Models / LPG, Gasoline, Dual Fuel, Diesel

3,000 – 7,000 lb.
Capacities



Platinum 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		
						PL30	PL35	PLS40
TWO STAGE (Wide view 2W)	2W208	81.5	62	5.5	6/12	3000	3500	4000
	2W270	105.5	74	5.5	6/12	3000	3500	4000
	2W300	117.5	80	5.5	6/12	3000	3500	4000
	2W330	129.5	86	5.5	6/12	3000	3500	4000
	2W350	137.5	90	5.5	6/12	3000	3400	3900
	2W370	145.5	94	5.5	6/12	3000	3350	3850
	2W400	157.5	100	5.5	6/6	3000	3250	3700
	2W450	177.5	111	5.5	6/6	2800	3100	3350
2W500	197.5	123	5.5	6/6	2650	2900	3150	
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

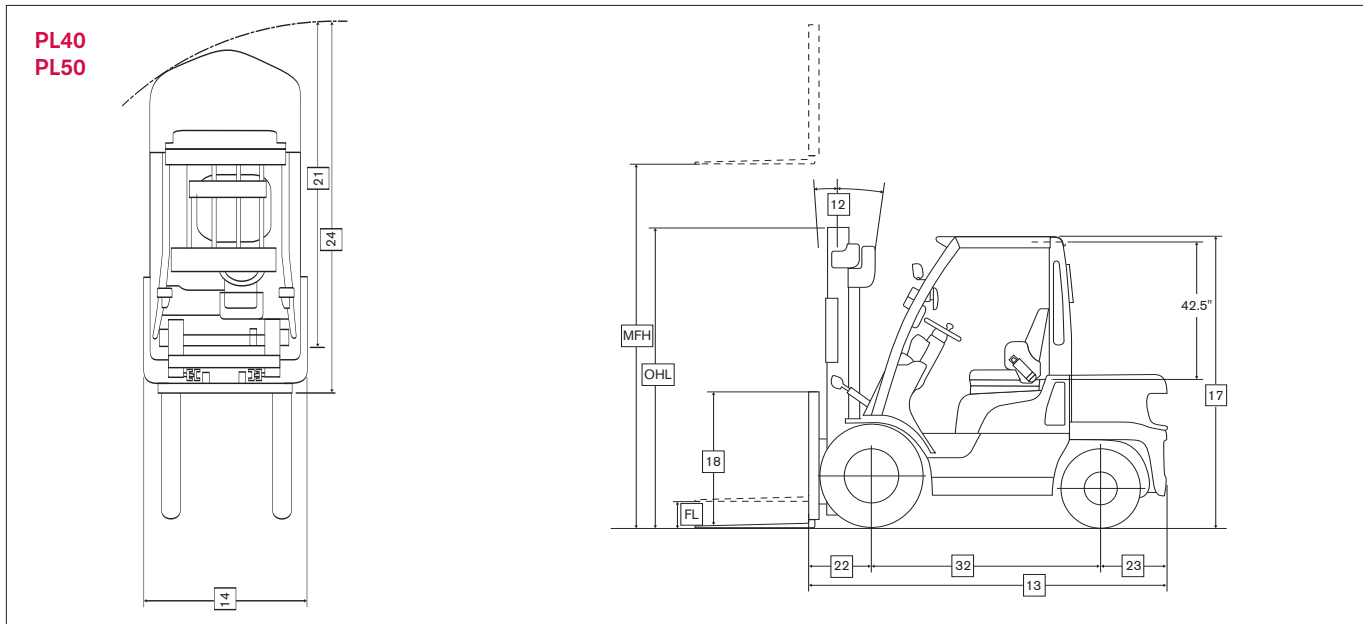
3,000 / 3,500 / 4,000 lb. capacities

Main Truck Specifications

				Nissan	Nissan	Nissan			
CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	Nissan	1		
	2	Model	Model Designation	PL30	PL35	PLS40	2		
			Long Model Code	MPL01A15JV MPL01A15LV	MPL01A18JV MPL01A18LV	MPL01A20JV MPL01A20LV			
	3	Rated Load Capacity		lb (kg)	3000 (1500)	3500 (1750)	4000 (2000)	3	
	4	Load Center	Distance		in (mm)	24 (500)	24 (500)	4	
	5	Power Type				Gas - LPG	Gas - LPG	5	
6	Operator Orientation				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)	129.5 (3290)	129.5 (3290)	129.5 (3290)	9
			Standard freelif		in (mm)	5.5 (140)	5.5 (140)	5.5 (140)	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)	86 (2184)	86 (2184)	86 (2184)	15
			Mast extended with LBR		in (mm)	155.9 (3960)	155.9 (3960)	155.9 (3960)	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)	92.7 (2355)	93.4 (2372)	95 (2413)	24	
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)	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	LPG or Gasoline - full load		lb (kg)	3705 (1680)	3705 (1680)	3705 (1680)	27	
		LPG or Gasoline - empty		lb (kg)	2470 (1120)	2646 (1200)	2932 (1330)		
28	Gradeability Max	Gasoline - full/empty		tan (%)	38 / 28	45 / 24	41 / 21	28	
29	Truck Weight	Standard truck - no load		lb (kg)	5908 (2680)	6272 (2845)	6581 (2985)	29	
30	Weight Distribution	Front axle - empty		lb (kg)	2546 (1155)	2447 ((1110)	2315 (1050)	30	
		Rear axle - empty		lb (kg)	3362 (1525)	3825 (1735)	4266 (1935)		
		Front axle - with rated load		lb (kg)	7981 (3620)	8785 (3985)	9601 (4355)		
		Rear axle - with rated load		lb (kg)	1235 (560)	1345 (610)	1389 (630)		
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	
38	Engine	Manufacturer / Model			Nissan K21	Nissan K21	Nissan K21	38	
		Rated Output	SAE gross/JIS - LPG or Gas	hp/rpm (PS/rpm)	55/2700 (55.7/2700)	55/2700 (55.7/2700)	55/2700 (55.7/2700)		
		Rated Torque	SAE gross/JIS - LPG or Gas	ft-lb/rpm (kg-m/rpm)	119/1600 (16.4/1600)	119/1600 (16.4/1600)	119/1600 (16.4/1600)		
		Displacement		cu in (cm) ³	126 (2065)	126 (2065)	126 (2065)		
		39	Transmission	Type			Automatic	Automatic	Automatic
Number speeds - fwd/rev					1/1	1/1	1/1		

Platinum 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	
						PL40	PL50
TWO STAGE (Wide view 2W)	2W208	81.5	62	5.5	6/12	4000	5000
	2W270	105.5	74	5.5	6/12	4000	5000
	2W300	117.5	80	5.5	6/12	4000	5000
	2W330	129.5	86	5.5	6/12	4000	5000
	2W350	137.5	90	5.5	6/12	4000	5000
	2W370	145.5	94	5.5	6/12	4000	5000
	2W400	157.5	100	5.5	6/6	4000	5000
	2W450	177.5	111	5.5	6/6	3850	4400
	2W500	197.5	123	5.5	6/6	3350	3700
TWO STAGE (Full free 2F)	2F300	118	78.5	53.5	6/12	4000	5000
	2F330	130	84.4	59.4	6/12	4000	5000
	2F350	138	89.8	64.7	6/12	4000	5000
	2F370	146	94.7	69.6	6/12	4000	5000
	2F400	157	102.2	77.1	6/6	3950	4950
THREE STAGE (Full free 3F)	3F385	152	72.6	47.2	6/6	4000	5000
	3F430	169	78.5	53.1	6/6	3850	4700
	3F475	187	84.4	59.0	6/6	3700	4300
	3F515	203	89.8	64.3	6/6	3300	3650
	3F550	217	94.7	69.2	6/6	2950	3350
	3F600	236	102.2	76.7	6/6	1900	2100
	3F650	256	112	86.5	6/6	1800	2000
	3F700	276	121.9	96.4	6/6	700	700
THREE STAGE Optiview (3V)	3V360	142	72.8	47.2	6/6	3900	4900
	3V405	159	78.7	53.1	6/6	3700	4700
	3V450	177	84.6	59.0	6/6	3600	4300
	3V490	193	90	64.3	6/6	3300	3600
	3V525	207	94.9	69.2	6/6	2950	3300
	3V575	226	102.4	76.7	6/6	1900	2600
	3V633	249	112.2	86.5	6/6	1800	2200
	3V688	271	122	96.4	6/6	1700	2000

4,000 / 5,000 lb. capacities (2.1 Liter Engine)

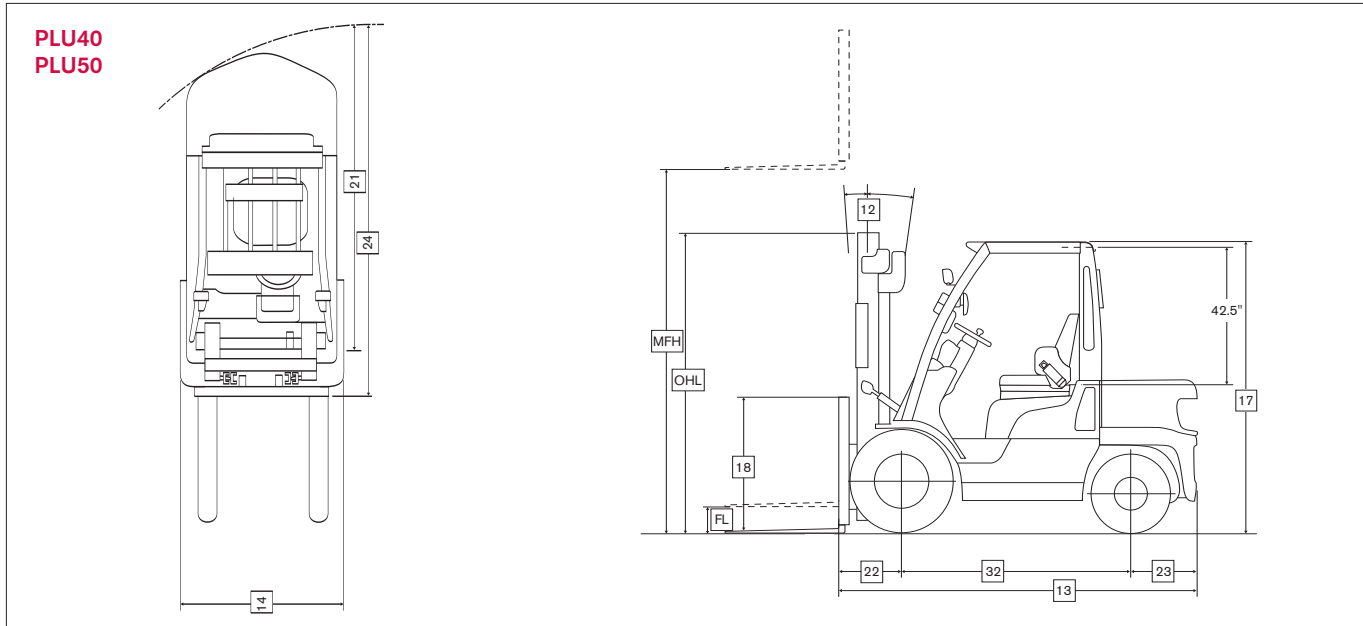
Main Truck Specifications

CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	1		
	2	Model	Model designation	PL40	PL50	2		
			Long model code	MPL02A20JV/LV	MPL02A25JV/LV			
	3	Rated Load Capacity		lb (kg)	4000 (2000)	5000 (2500)	3	
	4	Load Center	Distance	in (mm)	24 (500)	24 (500)	4	
	5	Power Type			Gas - LPG	Gas - LPG	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)	129.5 (3290)	129.5 (3290)	9	
			Standard freelif	in (mm)	5.5 (140)	5.5 (140)	10	
	11	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	1.5 x 4 (40x100)	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)	97.2 (2470)	99.4 (2525)	13	
			Width (standard tires)	in (mm)	45.3 (1150)	45.3 (1150)	14	
			Mast lowered (OHL)	in (mm)	86 (2184)	86 (2184)	15	
			Mast extended with LBR	in (mm)	155.9 (3960)	155.9 (3960)	16	
			Height - top of OHG	in (mm)	83.5 (2120)	83.5 (2120)	17	
			Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	18	
	20	Grade Clearance	Ramp breakover angle	tan (%)	44	44	20	
			Departure angle	tan (%)	45	37		
			Approach angle	tan (%)	32	32		
	21	Turning Radius	Minimum outside	in (mm)	83.5 (2120)	85.8 (2180)	21	
	22	Overhang	Front	in (mm)	17.9 (455)	17.9 (455)	22	
			Rear	in (mm)	16.3 (415)	18.5 (470)	23	
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	101.5 (2578)	103.9 (2639)	24		
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	12.1 (19.5)	12.1 (19.5)	25	
			Lift - full/empty	fpm (mm/sec)	118.1/127.9 (600/650)	118.1/127.9 (600/650)	26	
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)		
27	Drawbar Pull Maximum	LPG or Gasoline - full/empty	lb (kg)	3836/3439 (1740/1560)	3836/3439 (1740/1560)	27		
28	Gradeability Maximum	LPG or Gasoline - full/empty	tan (%)	37 / 28	33 / 24	28		
29	Truck Weight	Standard truck - no load	lb (kg)	7352 (3335)	8102 (3675)	29		
WEIGHT	30	Weight Distribution	Front axle - empty	lb (kg)	3428 (1555)	3263 (1480)	30	
			Rear axle - empty	lb (kg)	3924 (1780)	4839 (2195)		
			Front axle - with rated load	lb (kg)	10461 (4745)	12059 (5470)		
			Rear axle - with rated load	lb (kg)	1301 (590)	1554 (705)		
CHASSIS & WHEELS	31	Tire Size	Front	in	7.00-12-12PR	7.00-12-12PR	31	
			Rear	in	6.00-9-10PR	6.00-9-10PR		
	32	Wheelbase		in (mm)	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)	33	
			Front dual tires	in (mm)	47.4 (1205)	47.4 (1205)		
		Headroom	SIP to bottom of OHG	in (mm)	42.5 (1080)	42.5 (1080)		
		Counterweight Height		in (mm)	42.1 (1070)	42.1 (1070)		
		Step Height		in (mm)	17.9 (455)	17.9 (455)		
	34	Ground Clearance	Under mast	in (mm)	4.5 (115)	4.5 (115)	34	
			Under power unit	in (mm)	5.3 (135)	5.3 (135)		
Under frame (WB center)			in (mm)	6.1 (155)	6.1 (155)			
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 K21	Nissan K21	38	
		Rated Output	SAE gross/JIS - LPG or Gas	hp/rpm (PS/rpm)	55/2700 (55.7/2700)	55/2700 (55.7/2700)		
		Rated Torque	SAE gross/JIS - LPG or Gas	ft-lb/rpm (kg-m/rpm)	119/1600 (16.4/1600)	119/1600 (16.4/1600)		
		Displacement	K21 - 2.1 liter	cu in (cm) ³	126 (2065)	126 (2065)		
	39	Transmission	Type		Automatic	Automatic	39	
			Number speeds - fwd/rev		1/1	1/1		

* Performance specifications based on K21 engine. See table on Page 7 for K25 specifications.

Platinum 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	
						PLU40	PLU50
TWO STAGE (Wide view 2W)	2W208	81.5	62	5.5	6/12	4000	5000
	2W270	105.5	74	5.5	6/12	4000	5000
	2W300	117.5	80	5.5	6/12	4000	5000
	2W330	129.5	86	5.5	6/12	4000	5000
	2W350	137.5	90	5.5	6/12	4000	5000
	2W370	145.5	94	5.5	6/12	4000	5000
	2W400	157.5	100	5.5	6/6	4000	5000
	2W450	177.5	111	5.5	6/6	3850	4400
2W500	197.5	123	5.5	6/6	3350	3700	
TWO STAGE (Full free 2F)	2F300	118	78.5	53.5	6/12	4000	5000
	2F330	130	84.4	59.4	6/12	4000	5000
	2F350	138	89.8	64.7	6/12	4000	5000
	2F370	146	94.7	69.6	6/12	4000	5000
	2F400	157	102.2	77.1	6/6	3950	4950
THREE STAGE (Full free 3F)	3F385	152	72.6	47.2	6/6	4000	5000
	3F430	169	78.5	53.1	6/6	3850	4700
	3F475	187	84.4	59.0	6/6	3700	4300
	3F515	203	89.8	64.3	6/6	3300	3650
	3F550	217	94.7	69.2	6/6	2950	3350
	3F600	236	102.2	76.7	6/6	1900	2100
	3F650	256	112	86.5	6/6	1800	2000
	3F700	276	121.9	96.4	6/6	700	700
THREE STAGE Optiview (3V)	3V360	142	72.8	47.2	6/6	3900	4900
	3V405	159	78.7	53.1	6/6	3700	4700
	3V450	177	84.6	59.0	6/6	3600	4300
	3V490	193	90	64.3	6/6	3300	3600
	3V525	207	94.9	69.2	6/6	2950	3300
	3V575	226	102.4	76.7	6/6	1900	2600
	3V633	249	112.2	86.5	6/6	1800	2200
	3V688	271	122	96.4	6/6	1700	2000

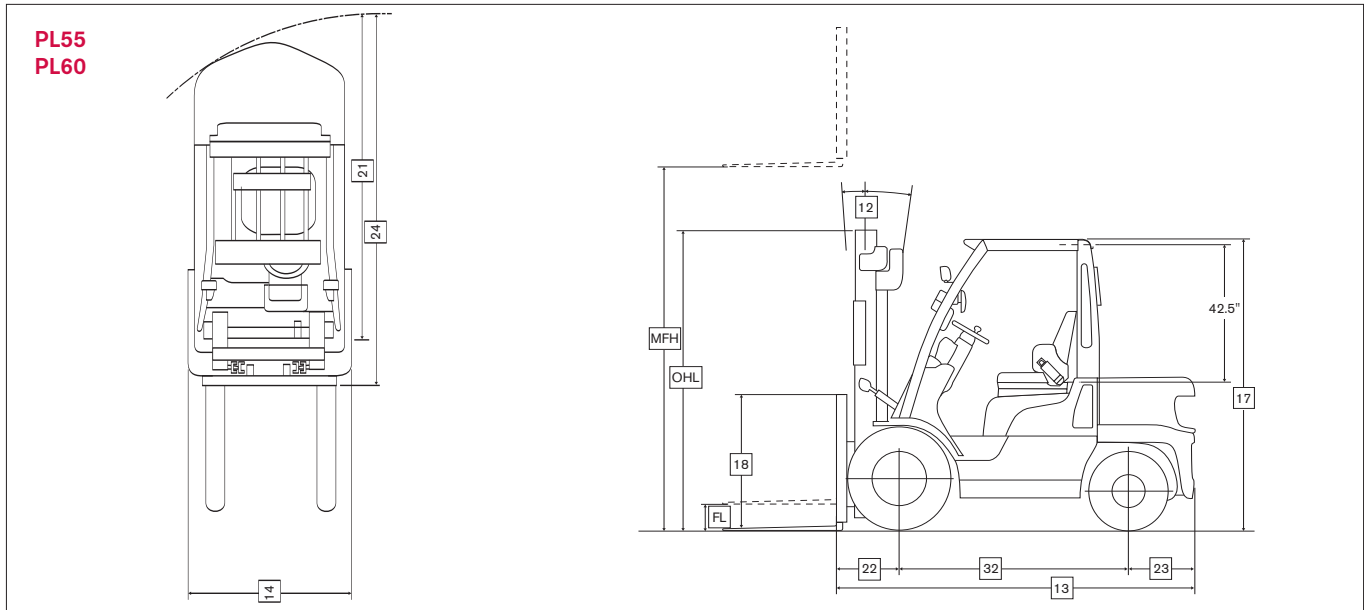
4,000 / 5,000 lb. capacities (2.5 Liter Engine)

Main Truck Specifications

CHARACTERISTICS				Nissan	Nissan	
1	Manufacturer's Name			Nissan	Nissan	1
2	Model	Model designation		PLU40	PLU50	2
		Long model code		MUL02A20JV/LV	MUL02A25JV/LV	
3	Rated Load Capacity		lb (kg)	4000 (2000)	5000 (2500)	3
4	Load Center	Distance	in (mm)	24 (500)	24 (500)	4
5	Power Type			Gas - LPG	Gas - LPG	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)	129.5 (3290)	129.5 (3290)	9
		Standard freelif	in (mm)	5.5 (140)	5.5 (140)	10
11	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	1.5 x 4 (40x100)	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)	97.2 (2470)	99.4 (2525)	13
		Width (standard tires)	in (mm)	45.3 (1150)	45.3 (1150)	14
		Mast lowered (OHL)	in (mm)	86 (2184)	86 (2184)	15
		Mast extended with LBR	in (mm)	155.9 (3960)	155.9 (3960)	16
		Height - top of OHG	in (mm)	83.5 (2120)	83.5 (2120)	17
		Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	18
		Width - standard carriage	in (mm)	40.2 (1020)	40.2 (1020)	19
20	Grade Clearance	Ramp breakover angle	tan (%)	44	44	20
		Departure angle	tan (%)	45	37	
		Approach angle	tan (%)	32	32	
21	Turning Radius	Minimum outside	in (mm)	83.5 (2120)	85.8 (2180)	21
22	Overhang	Front	in (mm)	17.9 (455)	17.9 (455)	22
		Rear	in (mm)	16.3 (415)	18.5 (470)	23
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	101.5 (2578)	103.9 (2639)	24
25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	12.1 (19.5)	12.1 (19.5)	25
		Lift - full/empty	fpm (mm/sec)	129.9/137.8 (660/700)	129.9/137.8 (660/700)	26
		Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)	
27	Drawbar Pull Maximum	LPG or Gasoline - full load	lb (kg)	4145 (1880)	4145 (1880)	27
		LPG or Gasoline - empty	lb (kg)	3439 (1560)	3439 (1560)	
28	Gradeability Maximum	LPG or Gasoline - full/empty	tan (%)	45 / 28	38 / 24	28
29	Truck Weight	Standard truck - no load	lb (kg)	7352 (3335)	8102 (3675)	29
30	Weight Distribution	Front axle - empty	lb (kg)	3428 (1555)	3263 (1480)	30
		Rear axle - empty	lb (kg)	3924 (1780)	4839 (2195)	
		Front axle - with rated load	lb (kg)	10461 (4745)	12059 (5470)	
		Rear axle - with rated load	lb (kg)	1301 (590)	1554 (705)	
31	Tire Size	Front	in	7.00-12-12PR	7.00-12-12PR	31
		Rear	in	6.00-9-10PR	6.00-9-10PR	
32	Wheelbase		in (mm)	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)	33
		Front dual tires	in (mm)	47.4 (1205)	47.4 (1205)	
	Headroom	SIP to bottom of OHG	in (mm)	42.5 (1080)	42.5 (1080)	
	Counterweight Height		in (mm)	42.1 (1070)	42.1 (1070)	
	Step Height		in (mm)	17.9 (455)	17.9 (455)	
34	Ground Clearance	Under mast	in (mm)	4.5 (115)	4.5 (115)	34
		Under power unit	in (mm)	5.3 (135)	5.3 (135)	
		Under frame (WB center)	in (mm)	6.1 (155)	6.1 (155)	
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	Model		Nissan K25	Nissan K25	38
	Rated Output	SAE gross/JIS - LPG or Gas	hp/rpm (PS/rpm)	60.3/2700 (61.2/2700)	60.3/2700 (61.2/2700)	
	Rated Torque	SAE gross/JIS - LPG or Gas	ft-lb/rpm (kg-m/rpm)	142/1600 (19.7/1600)	142/1600 (19.7/1600)	
	Displacement	K25 - 2.5 liter	cu in (cm) ³	151.8 (2488)	151.8 (2488)	
39	Transmission	Type		Automatic	Automatic	39
		Number speeds - fwd/rev		1/1	1/1	

Platinum 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	
				PL55	PL60	PL55	PL60	PL55	PL60
TWO STAGE (Wide view 2W)	2W208	81.5	62	5.5	5.5	6/12	6/12	5500	6000
	2W270	105.5	74	5.5	5.5	6/12	6/12	5500	6000
	2W300	117.5	80	5.5	5.5	6/12	6/12	5500	6000
	2W330	129.5	86	5.5	5.5	6/12	6/12	5500	6000
	2W350	137.5	90	5.5	5.5	6/12	6/12	5500	6000
	2W370	145.5	94	5.5	5.5	6/12	6/12	5500	6000
	2W400	157.5	100	5.5	5.5	6/6	6/6	5500	6000
	2W450	177.5	111	5.5	5.5	6/6	6/6	5300	5600
	2W500	197.5	123	5.5	5.5	6/6	6/6	4300	5150
TWO STAGE (Full free 2F)	2F300	118	79.7	53.8	53.4	6/12	6/12	5500	6000
	2F330	130	85.6	59.7	59.3	6/12	6/12	5500	6000
	2F350	138	90.9	65.1	64.6	6/12	6/12	5500	6000
	2F370	146	95.9	70.0	70.0	6/12	6/12	5500	6000
	2F400	157	103.3	77.5	77.0	6/6	6/6	5500	5950
THREE STAGE (Full free 3F)	3F385	152	79.7	55.7	54.8	6/6	6/6	5500	6000
	3F430	169	85.6	61.6	60.7	6/6	6/6	5300	5800
	3F475	187	90.9	66.9	66.0	6/6	6/6	5100	5600
	3F515	203	95.9	71.8	70.9	6/6	6/6	4000	4700
	3F550	217	103.3	79.3	78.4	6/6	6/6	3200	3700
	3F600	236	113.2	89.1	88.2	6/6	6/6	2300	2650
	3F650	256	123	99.0	98.1	6/6	6/6	1100	1500
	3F700	276	132.9	108.8	107.9	6/6	6/6	550	1000
THREE STAGE Optiview (3V)	3V385	152	79.7	55.7	54.8	6/6	6/6	5450	5950
	3V430	169	85.6	61.6	60.7	6/6	6/6	5300	5750
	3V470	185	90.9	66.9	66.0	6/6	6/6	5000	5500
	3V505	199	95.9	71.8	70.9	6/6	6/6	3750	4700
	3V555	219	103.3	79.3	78.4	6/6	6/6	2800	3700
	3V600	236	113.2	89.1	88.2	6/6	6/6	1850	2600
	3V650	256	123.0	99.0	98.1	6/6	6/6	1200	1400
	3V700	276	132.9	108.8	107.9	6/6	6/6	650	1000

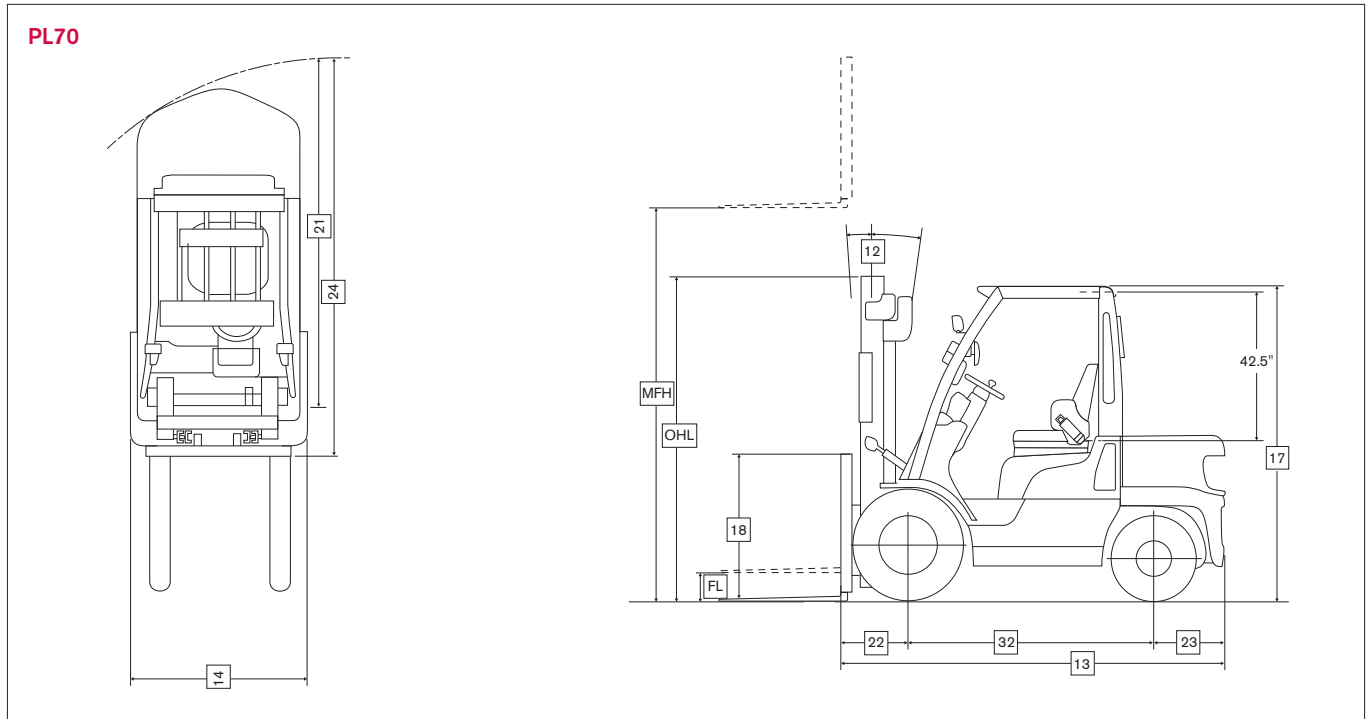
5,500 / 6,000 lb. capacities

Main Truck Specifications

				Nissan	Nissan		
CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	1	
	2	Model	Model designation	PL55	PL60	2	
			Long model code	MUL02A28JV/LV	MUGL02A30JV/LV		
	3	Rated Load Capacity	lb (kg)	5500 (2750)	6000 (3000)	3	
	4	Load Center	Distance	in (mm)	24 (500)	24 (500)	4
	5	Power Type		Gas - LPG	Gas - LPG	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)	129.5 (3290)	129.5 (3290)	9
			Standard freelif	in (mm)	5.5 (140)	5.5 (140)	10
	11	Forks	Thickness & width	in (mm)	1.5 x 4 (40x100)	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)	103.4 (2625)	105.7 (2685)	13
			Width (standard tires)	in (mm)	49.2 (1250)	49.2 (1250)	14
			Mast lowered (OHL)	in (mm)	86 (2184)	86 (2184)	15
			Mast extended with LBR	in (mm)	163 (4140)	163 (4140)	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
	19		Width - standard carriage	in (mm)	40.2 (1020)	40.2 (1020)	19
	20	Grade Clearance	Ramp breakover angle	tan (%)	52	49	20
			Departure angle	tan (%)	42	43	
			Approach angle	tan (%)	41	41	
	21	Turning Radius	Minimum outside	in (mm)	88.2 (2240)	90.6 (2300)	21
	22	Overhang	Front	in (mm)	19.1 (485)	19.1 (485)	22
Rear			in (mm)	20.5 (520)	19.7 (500)	23	
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	107.4 (2728)	110.8 (2814)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	12.1 (19.5)	12.1 (19.5)	25
			Lift - full/empty	fpm (mm/sec)	104.3/114.1 (530/580)	104.3/114.1 (530/580)	26
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)	
	27	Drawbar Pull Maximum	LPG or Gasoline - full load	lb (kg)	4101(1860)	4101(1860)	27
			LPG or Gasoline - full empty	lb (kg)	4057(1840)	4167(1890)	
28	Gradeability Maximum	LPG or Gasoline - full/empty	tan (%)	37 / 25	31 / 24	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	9094 (4125)	9381 (4255)	29
	30	Weight Distribution	Front axle - empty	lb (kg)	3605 (1635)	3770 (1710)	30
			Rear axle - empty	lb (kg)	5490 (2490)	5611 (2545)	
			Front axle - with rated load	lb (kg)	13448 (6100)	14209 (6445)	
			Rear axle - with rated load	lb (kg)	1709 (775)	1786 (810)	
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)	63.8 (1620)	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	
DRIVE LINE	37	Steering	Type		Full Hydraulic	Full Hydraulic	37
	38	Engine	Model		Nissan K25	Nissan K25	38
			Rated Output	SAE gross/JIS - LPG or Gas	hp/rpm (PS/rpm)	60.3/2700 (61.2/2700)	60.3/2700 (61.2/2700)
		Rated Torque	SAE gross/JIS - LPG or Gas	ft-lb/rpm (kg-m/rpm)	142/1600 (19.7/1600)	142/1600 (19.7/1600)	
		Displacement		cu in (cm) ³	151.8 (2488)	151.8 (2488)	
39	Transmission	Type		Automatic	Automatic	39	
		Number speeds - fwd/rev		1/1	1/1		

Platinum 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
PL70						
TWO STAGE (Wide view 2W)	2W300	118	85.8	5.9	6/12	7000
	2W330	130	90.6	5.9	6/12	7000
	2W355	140	96.3	5.9	6/12	7000
	2W370	146	98.8	5.9	6/12	7000
	2W400	157	108.9	5.9	6/6	6900
	2W450	177	118.5	5.9	6/6	6800
	2W500	197	128.3	5.9	6/6	6600
TWO STAGE (Full free 2F)	2F300	118	85.8	55.7	6/12	7000
	2F330	130	90.6	60.4	6/12	7000
	2F350	138	96.3	66.1	6/12	7000
	2F400	157	108.9	78.7	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	1
	2	Model	Model designation		PL70	2
			Long model code		MUGL02F35JV/LV	
	3	Rated Load Capacity		lb (kg)	7000 (3500)	3
	4	Load Center	Distance	in (mm)	24 (500)	4
	5	Power Type			Gas - LPG	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)	5.9 (150)	10
	11	Forks	Thickness & width	in (mm)	2 x 5 (50 x 125)	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)	108.5 (2755)	13
			Width (standard tires)	in (mm)	50.4 (1280)	14
			Mast lowered (OHL)	in (mm)	90.6 (2300)	15
			Mast extended with LBR	in (mm)	159.7 (4055)	16
			Height - top of OHG	in (mm)	84.8 (2155)	17
			Height - top of standard LBR	in (mm)	48 (1220)	18
			Width - standard carriage	in (mm)	39.4 (1000)	19
	20	Grade Clearance	Ramp breakover angle	tan (%)	51	20
			Departure angle	tan (%)	39	
			Approach angle	tan (%)	51	
	21	Turning Radius	Minimum outside	in (mm)	94.1 (2390)	21
	22	Overhang	Front	in (mm)	19.3 (490)	22
Rear			in (mm)	22.2 (565)	23	
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	113.5 (2883)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	11.8 (19)	25
			Lift - full/empty	fpm (mm/sec)	88.6/92.5 (450/470)	26
			Lowering - full/empty	fpm (mm/sec)	82.7/70.8 (420/360)	
	27	Drawbar Pull Maximum	LPG or Gasoline - full load	lb (kg)	3990 (1880)	27
LPG or Gasoline - full empty			lb (kg)	3968 (1800)		
28	Gradeability Maximum	LPG or Gasoline - full/empty	tan (%)	26 / 22	28	
WEIGHT	29	Truck Weight	Standard truck - no load	lb (kg)	10428 (4730)	29
	30	Weight Distribution	Front axle - empty	lb (kg)	3825 (1735)	30
			Rear axle - empty	lb (kg)	6603 (2995)	
			Front axle - with rated load	lb (kg)	16017 (7265)	
			Rear axle - with rated load	lb (kg)	2127 (965)	
CHASSIS & WHEELS	31	Tire Size	Front	in	250-15-16PR	31
			Rear	in	6.50-10-12PR	
	32	Wheelbase		in (mm)	66.9 (1700)	32
	33	Tread - Center of Tire	Front / rear	in (mm)	41.7/38.6 (1060/980)	33
			Front dual tires	in (mm)	48.4 (1230)	
		Headroom	SIP to bottom of OHG	in (mm)	42.5	
		Counterweight Height		in (mm)	43.5 (1105)	
		Step Height		in (mm)	19.3 (490)	
	34	Ground Clearance	Under mast	in (mm)	5.9 (150)	34
			Under power unit	in (mm)	6.7 (170)	
Under frame (WB center)			in (mm)	7.5 (190)		
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/JIS - LPG or Gas	hp/rpm (PS/rpm)	60.3/2700 (61.2/2700)	
		Rated Torque	SAE gross/JIS - LPG or Gas	ft-lb/rpm (kg-m/rpm)	142/1600 (19.7/1600)	
		Displacement		cu in (cm) ³	151.8 (2488)	
	39	Transmission	Type		Automatic	39
Number speeds - fwd/rev				1/1		

Diesel Engine Trucks

Main Truck Specifications 4,000 / 5,000 / 5,500 lb. capacities

				Nissan	Nissan	Nissan		
CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	Nissan	1	
	2	Model	Model designation	PLD40	PLD50	PLD55	2	
			Long model code	MYL02A20V	MYL02A25V	MYL02A28V		
	3	Rated Load Capacity		4000 (2000)	5000 (2500)	5500 (2750)	3	
	4	Load Center	Distance	lb (kg)	24 (500)	24 (500)	24 (500)	4
	5	Power Type		Diesel	Diesel	Diesel	5	
	6	Operator Orientation		Sit	Sit	Sit	6	
	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	
DIMENSIONS	9	Mast	Maximum fork height	in (mm)	129.5 (3290)	129.5 (3290)	129.5 (3290)	9
			Standard freelif	in (mm)	5.5 (140)	5.5 (140)	5.5 (140)	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)	97.2 (2470)	99.4 (2525)	103.4 (2625)	13
			Width (standard tires)	in (mm)	45.3 (1150)	45.3 (1150)	49.2 (1250)	14
			Mast lowered (OHL)	in (mm)	86 (2184)	86 (2184)	86 (2184)	15
			Mast extended with LBR	in (mm)	155.9 (3960)	155.9 (3960)	163 (4140)	16
			Height - top of OHG	in (mm)	83.5 (2120)	83.5 (2120)	84.6 (2150)	17
			Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	48 (1220)	18
			Width - standard carriage	in (mm)	40.2 (1020)	40.2 (1020)	40.2 (1020)	19
	20	Grade Clearance	Ramp breakover angle	tan (%)	44	44	52	20
			Departure angle	tan (%)	45	37	42	
			Approach angle	tan (%)	32	32	41	
	21	Turning Radius	Minimum outside	in (mm)	83.5 (2120)	85.8 (2180)	88.2 (2240)	21
	22	Overhang	Front	in (mm)	17.9 (455)	17.9 (455)	19.1 (485)	22
			Rear	in (mm)	16.3 (415)	18.5 (470)	20.5 (520)	23
	24	Min right angle stacking aisle	Add load length & clearance	in (mm)	101.5 (2578)	103.9 (2639)	107.4 (2728)	24
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	12.1 (19.5)	12.1 (19.5)	11.8 (19)	25
			Lift - full load	fpm (mm/sec)	127.9(650)	127.9(650)	106.3 (540)	26
			Lift - empty	fpm (mm/sec)	137.8(700)	137.8(700)	114.1(580)	
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	98.4 (500)	98.4 (500)	
	27	Drawbar Pull Maximum	Full	lb (kg)	4497(2040)	4497 (2040)	4211 (1910)	27
Empty	lb (kg)		3616 (1640)	3858 (1750)	3858 (1750)			
28	Gradeability Maximum	Full / empty	tan (%)	41 / 28	35 / 24	31 / 25	28	
29	Truck Weight	Standard truck - no load	lb (kg)	7683 (3485)	8433 (3825)	9303 (4220)	29	
WEIGHT	30	Weight Distribution	Front axle - empty	lb (kg)	3571 (1620)	3406 (1545)	3627 (1645)	30
			Rear axle - empty	lb (kg)	4112 (1865)	5027 (2280)	5677 (2575)	
			Front axle - with rated load	lb (kg)	10604 (4810)	12203 (5535)	13470 (6110)	
			Rear axle - with rated load	lb (kg)	1488 (675)	1742 (790)	1896 (860)	
CHASSIS & WHEELS	31	Tire Size	Front	in	7.00-12-12PR	7.00-12-12PR	28 x 9-15-12PR	31
			Rear	in	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	
	32	Wheelbase		in (mm)	63 (1600)	63 (1600)	63.8 (1620)	32
	33	Tread - Center of Tire	Front	in (mm)	37.8 (960)	37.8 (960)	40.6 (1030)	33
			Rear	in (mm)	38.4 (975)	38.4 (975)	38.6 (980)	
			Front dual tires	in (mm)	47.4 (1205)	47.4 (1205)	47.6(1210)	
		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)	43.3 (1100)	
		Step Height		in (mm)	17.9 (455)	17.9 (455)	19.1 (485)	
	34	Ground Clearance	Under mast	in (mm)	4.5 (115)	4.5 (115)	5.7 (145)	34
			Under power unit	in (mm)	5.3 (135)	5.3 (135)	6.5 (165)	
Under frame (WB center)			in (mm)	6.1 (155)	6.1 (155)	7.3 (185)		
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	Model		S4S	S4S	S4S	38
			Rated Output	SAE gross / JIS	hp/rpm (PS/rpm)	59/2200 (60/2200)	59/2200 (60/2200)	59/2200 (60/2200)
		Rated Torque	SAE gross / JIS	ft-lb/rpm (kg-m/rpm)	150/1400 (20.7/1400)	150/1400 (20.7/1400)	150/1400 (20.7/1400)	
		Displacement		cu in (cm) ³	203.2 (3331)	203.2 (3331)	203.2 (3331)	
	39	Transmission	Type		Automatic	Automatic	Automatic	39
	Number speeds - fwd/rev			1/1	1/1	1/1		

Diesel Engine Trucks

Main Truck Specifications 6,000 / 7,000 lb. capacities

				Nissan	Nissan		
CHARACTERISTICS	1	Manufacturer's Name		Nissan	Nissan	1	
	2	Model	Model designation	PLD60	PLD70	2	
			Long model code	MYL02A30V	MYL02A35V		
	3	Rated Load Capacity		6000 (3000)	7000 (3500)	3	
	4	Load Center	Distance	24 (500)	24 (500)	4	
	5	Power Type		Diesel	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)	129.5 (3290)	129.5 (3290)	9
			Standard freelif	in (mm)	5.5 (140)	5.9 (150)	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)	105.7 (2685)	108.5 (2755)	13
			Width (standard tires)	in (mm)	49.2 (1250)	50.4 (1280)	14
			Mast lowered (OHL)	in (mm)	86 (2184)	90.6 (2300)	15
			Mast extended with LBR	in (mm)	163 (4140)	159.7 (4055)	16
			Height - top of OHG	in (mm)	84.6 (2150)	84.8 (2155)	17
			Height - top of standard LBR	in (mm)	48 (1220)	48 (1220)	18
			Width - standard carriage	in (mm)	40.2 (1020)	39.4 (1000)	19
	20	Grade Clearance	Ramp breakover angle	tan (%)	49	51	20
			Departure angle	tan (%)	43	39	
			Approach angle	tan (%)	41	51	
	21	Turning Radius	Minimum outside	in (mm)	90.6 (2300)	94.1 (2390)	21
	22	Overhang	Front	in (mm)	19.1 (485)	19.3 (490)	22
Rear			in (mm)	19.7 (500)	22.2 (565)	23	
24	Min right angle stacking aisle	Add load length & clearance	in (mm)	110.8 (2814)	113.5 (2883)	24	
PERFORMANCE	25	Speeds Maximum	Travel - forward or reverse	mph (kmh)	11.8 (19)	11.8 (19)	25
			Lift - full load	fpm (mm/sec)	106.3 (540)	86.6 (440)	26
			Lift - empty	fpm (mm/sec)	114.1 (580)	94.5 (480)	
			Lowering - full/empty	fpm (mm/sec)	98.4 (500)	82.7/70.8 (420/360)	
	27	Drawbar Pull Maximum	Full	lb (kg)	4277 (1940)	4012 (1820)	27
Empty			lb (kg)	3858 (1750)	3682 (1670)		
28	Gradeability Maximum	Full / empty	tan (%)	28 / 25	23 / 22	28	
29	Truck Weight	Standard truck - no load	lb (kg)	9513 (4315)	10560 (4790)	29	
WEIGHT	30	Weight Distribution	Front axle - empty	lb (kg)	3748 (1700)	3814 (1730)	30
			Rear axle - empty	lb (kg)	5765 (2615)	6746 (3060)	
			Front axle - with rated load	lb (kg)	14198 (6440)	15995 (7255)	
			Rear axle - with rated load	lb (kg)	1929 (875)	2282 (1035)	
CHASSIS & WHEELS	31	Tire Size	Front	in	28 x 9-15-12PR	250-15-16PR	31
			Rear	in	6.50-10-10PR	6.50-10-12PR	
	32	Wheelbase		in (mm)	66.9 (1700)	66.9 (1700)	32
	33	Tread - Center of Tire	Front	in (mm)	40.6 (1030)	41.7 (1060)	33
			Rear	in (mm)	38.6 (980)	38.6 (980)	
			Front dual tires	in (mm)	47.6 (1210)	48.4 (1230)	
		Headroom	SIP to bottom of OHG	in (mm)	42.5 (1080)	42.5 (1080)	
		Counterweight Height		in (mm)	43.3 (1100)	43.5 (1105)	
		Step Height		in (mm)	19.1 (485)	19.3 (490)	
	34	Ground Clearance	Under mast	in (mm)	5.7 (145)	5.9 (150)	34
Under power unit			in (mm)	6.5 (165)	6.7 (170)		
Under frame (WB center)			in (mm)	7.3 (185)	7.5 (190)		
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		S4S	S4S	38
			Rated Output	SAE gross / JIS	hp/rpm (PS/rpm)	59/2200 (60/2200)	59/2200 (60/2200)
		Rated Torque	SAE gross / JIS	ft-lb/rpm (kg-m/rpm)	150/1400 (20.7/1400)	150/1400 (20.7/1400)	
		Displacement		cu in (cm) ³	203.2 (3331)	203.2 (3331)	
	39	Transmission	Type		Automatic	Automatic	39
Number speeds - fwd/rev					1/1	1/1	

Available Equipment

Standard Equipment

- Nissan engineered K21 (2.1 liter) and K25 (2.5 liter) with ECCS electronic fuel injection technology with single-port fuel injection (LPG) / multi-port fuel injection (Gasoline)
- S4S (3.3 liter) low emission diesel engine
- Drive by wire throttle control
- Engine protection system¹
- Cushioned stability control
- Low fuel warning light (LPG)
- Full suspension, fold down seat with operator restraint system
- Tilt-adjustable steering wheel with memory
- 5-piece reinforced overhead guard
- Overhead guard mounted headlights
- High air intake system combined with cyclone air filter
- Swing-out LPG bracket (LPG)²
- Single lift/tilt pistol grip lever
- One-piece no-tool floorboard
- Seat-actuated power interrupt system featuring auto-mast lock and return to neutral
- Hydrostatic power steering
- Automatic transmission
- Easi-view meter panel with multifunction LCD display
- Seat belt warning system

Optional Equipment

- Ground speed control (high/low speed settings) and controlled acceleration mode¹
- Dual fuel engine for LPG and Gasoline
- UL safety ratings available for all fuel types (LPG, Gasoline, Dual Fuel, Diesel)
- Swing-down LP bracket
- Separate lift & tilt pistol-grip levers
- Steering wheel with spinner knob
- Reduced-noise package
- Belly pan
- Rain guard
- Recycler special package
- Extra tilt
- Open core radiator with straight fin & in-line tube design
- Radiator screen
- Anti-corrosion package
- Overhead guard mounted pre-cleaner
- Block heater (diesel models only)
- Rear combination light package
- Rotating beacons & strobe lights
- Rear work light

¹ Available on Gasoline, LPG and dual fuel models only.

² Available on 3000–5500 lb. capacity models only.

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 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

Available in LPG, Gasoline or Dual Fuel, Platinum Series models are powered by Nissan's own K21 (2.1 liter) and K25 (2.5 liter) industrial engines using electronic fuel injection. Its Electronic Concentrated Control System (ECCS) analyzes engine performance parameters and optimizes engine operation, resulting in enhanced productivity, resulting in lower fuel consumption. This system includes three main components: Engine Control Module (ECM), Vehicle Control Module (VCM) and Meter Panel.

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 job. The VCM (also available on diesel models) 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 meter panel 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. An engine protection system controls the engine's speed and fuel delivery in the event of excessive heat generation as an added safeguard for your investment.

Low Emission Engines

Gasoline/LP-Gas/Dual Fuel

Nissan's global commitment to preserving and protecting the environment is evident in the Platinum Series' ECCS engines, providing exceptionally low emissions levels that are well below EPA Tier I requirements. Nissan is the first lift truck manufacturer to design an industrial engine to do so, setting us apart as the world leader in clean air engine technology. 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 the cleanest exhaust emissions in the industry.

Diesel

Diesel engines have never been cleaner than in the Platinum Series with black smoke nearly eliminated and fuel consumption improved. These engines meet all EPA Tier II specifications. (Not available on all models.)

Enhanced Work Environment

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

An optional ground speed control feature is available to maintain high or low maximum speed settings, while a controlled acceleration mode adjusts throttle sensitivity to enhance maneuverability in close quarters or when handling fragile loads. (These two features are available on ECCS models only.)

The Platinum's seat-actuated power interrupt system automatically locks lift and tilt operations when the operator leaves the seat. A return to neutral feature minimizes forklift movement if the operator

leaves the seat while still in gear. This system also includes an audible warning device 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.

Simple entry/exit is achieved due to a replaceable metal traction plate bolted to the truck's wide, low entry step. Combined with a handle welded to the overhead guard pillar, the operator has a sure, comfortable footing and grip for this often repeated task.

Nissan's own swing-down LP bracket design uses a gas spring assist resulting in nearly effortless swing-down motion in order to minimize back strain 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 floor-board 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, easy brake fluid checks.

The Platinum's easi-view meter panel with multi-function LCD display simplifies diagnosis, keeping service time low. Its self-diagnostic display design provides excellent visibility and understanding of warning indicators including: seatbelt, brake, mast-lock, low oil pressure and neutral position indicator.

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'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. 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 50% greater visibility. There's also an optional auto tilt leveling system to assist proper mast/fork positioning.

Enhanced operator comfort results from the Platinum Series' individual floating system. This system 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 Series' pneumatic trucks include an automotive-type powertrain mounting design, which incorporates four rubber engine supports.

The Platinum's new engine design offers extremely low noise levels at the operator's ear during idle and even at maximum travel speeds for added comfort.

Option Availability

Platinum Series Pneumatic Models

Standard S Option O

		Fuel Types			
		LP-Gas	Gasoline	Dual Fuel	Diesel
Vehicle Management	VCM - self diagnostic system	S	S	S	S
Powertrain	Electronic Concentrated Control System	S	S	S	-
	UL Safety rating	O	O	O	O
	Floating power train for reduced vibration	S	S	S	S
	Automatic return to neutral	S	S	S	S
	High/low speed & controlled accelerator selector	O	O	O	-
	Radiator screen	O	O	O	O
	Engine protection system	S	S	S	-
	Three-way catalytic converter	S	S	S	-
	Cushioned stability control	S	S	S	S
LP System	Swing-down LP bracket	O	-	O	-
	LP low fuel warning light	S	-	S	-
Brake	Parking brake with warning buzzer	S	S	S	S
Mast	Mast interlock 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*	O	O	O	O
	Hydraulic load sensing valve system	S	S	S	S
Steering System	Tilt steering wheel with memory	S	S	S	S
	Hydrostatic power steering system	S	S	S	S
Operator Surroundings	Full suspension seat	S	S	S	S
	OHG-mounted headlights	S	S	S	S
	Rearview mirrors	O	O	O	O
	Rear combination drive light package	O	O	O	O
	Rear work light	O	O	O	O
	Strobe lights & rotating beacons	O	O	O	O
	Back-up warning buzzer	S	S	S	S

* Not available on 7000-lb. models using 2-stage masts.



3000-lb, 3500-lb, 4000-lb



4000-lb, 5000-lb, 5500-lb



6000-lb, 7000-lb

Nissan Forklift Corporation reserves the right to make product changes relating to colors, equipment, specifications or available options without notice. For more information, contact your Nissan Forklift representative.

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