

UD2300LP

2004 MODEL YEAR



TRUCKS

Distributed by

Nissan Diesel America, Inc.

WHEELBASES

	D	F	H	K	N
GVWR (lb.)	23,000	23,000	23,000	23,000	23,000
Chassis Weight (lb.)	7,450	7,515	7,580	7,660	7,845
Front (lb.)	4,825	4,850	4,915	4,980	5,070
Rear (lb.)	2,625	2,665	2,665	2,680	2,775
Gross Payload (lb.)*	15,550	15,485	15,420	15,340	15,155
Wheelbase (in.) **WB	147.4	165.6	177.4	189.2	215.6
Cab-to-Rear Axle (in.) CA	111.0	129.1	140.9	152.8	179.1
Rear Overhang (in.) RO	63.8	63.8	78.0	83.9	96.9
Overall Length (in.) OL	258.5	276.6	302.6	320.3	359.7
Typical Body Lengths (ft.)***	14	16/18	18/20	20/22	24/26
Turning Radius (ft.)	22.0	24.3	25.9	27.2	30.8

*Gross payload capacity equals GVWR minus chassis weight. Installation of specialized equipment or bodies may require frame reinforcement. **Wheelbase selection should be based on specific weight distribution. ***Typical body lengths assume water level load (no specific consideration for driver, passengers, or fuel) to maximize GVWR. Addition of ancillary equipment such as lift gates and refrigeration units not considered in calculations.

ENGINE

	Nissan Diesel FE6TA - 24 Valve Turbo/Intercooled Diesel In-line 6 cylinder, Direct-injection
Horsepower	225 hp @ 2,600 rpm
Torque w/Manual Trans.	492 lb. ft. @ 1,600 rpm
Torque w/Auto. Trans.	470 lb. ft. @ 1,600 rpm
Displacement	423 in. ³ (6.9 L)
Cylinder Liner	Dry, replaceable
Air Compressor	10 CFM @ 2,500 engine rpm (1,250 compressor rpm)
Fuel Injection	BOSCH/ZEXEL, MD-TICS injection pump with all-speed governor
Air Cleaner	13 in., dry type
Cold Starting Aid	Automatic electric intake air heater
Fan	Viscous type drive

FRONT AXLE

GAWR	7,715 lb.
Rated Axle Capacity	9,920 lb.
Axle Type	"I" Beam
Suspension	Semi-elliptic leaf springs
Shock Absorbers	Telescopic type



*UD2300LP shown here with dealer installed optional equipment.

TRANSMISSION

	STD	OPTION
	Nissan Diesel, MLS62B	Allison, LCT2400P
	Manual, 6 forward speeds & 1 reverse synchronesh on 2nd through 6th gears	Automatic 5 forward speeds & 1 reverse
Ratios		
1st	6.72	3.51
2nd	4.03	1.90
3rd	2.30	1.44
4th	1.44	1.00
5th	1.00	0.74
6th	0.74	—
Rev.	6.12	5.09
R/A Ratio	4.88 ^{STD}	4.88 ^{STD}
rpm @ 65 mph	2,445*	2,440*

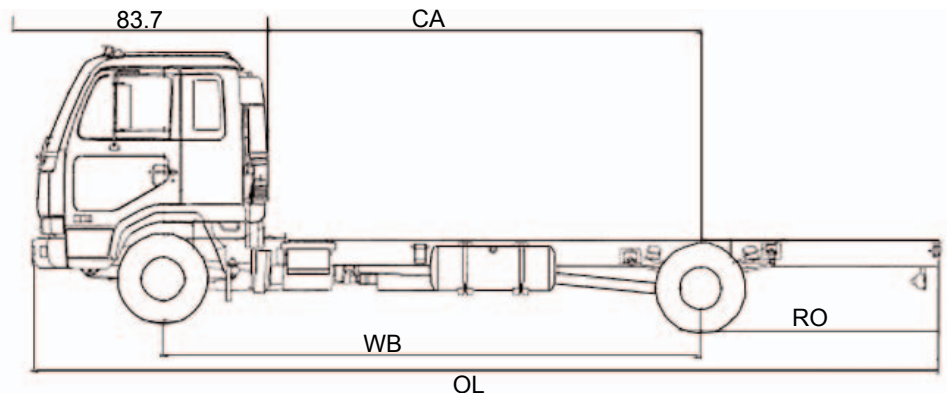
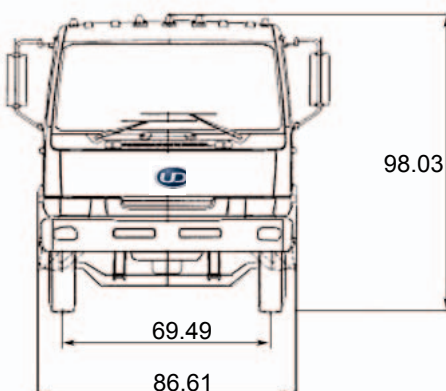
*Approximate engine rpm only. Allison will provide a performance scan by application on request.

CLUTCH

Hydraulic clutch with air assist
13.8 in. cerametallic friction material
Standard clutch wear indicator

STEERING

Integral power steering, gear driven pump
Steering Column Tilt & telescopic type



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REAR AXLE

GAWR	16,535 lb.
Rated Axle Capacity	17,500 lb.
Axle Type	Full-floating banjo housing
Suspension	Semi-elliptic leaf springs with auxiliary springs

WHEELS & TIRES

Tires	Front: Single, highway tread Rear: Dual, traction type 245/70R19.5 - 14PR (tubeless radial)
Wheels	Steel disc type, 8 hole, 6.75 x 19.5 in., offset 5.35 in.

BRAKE SYSTEM

Service Brakes	Anti-lock Braking System Dual line, air-over-hydraulic brake system
Front	Internal expanding, two leading shoe, self-adjusting drum brakes Drum diameter x lining width x lining thickness: 14.57 x 3.94 x 0.51 in.
Rear	Internal expanding, dual two leading shoe, self-adjusting drum brakes Drum diameter x lining width x lining thickness: 14.57 x 5.31 x 0.51 in.
Air Tanks	Supply: 641 in. ³ Front service: 549 in. ³ Rear service: 641 in. ³ Total: 1,831 in. ³
Air Dryer	Standard
Parking Brake	Hand brake lever activating drum at rear of transmission

EXHAUST BRAKE

Electrically controlled, pneumatically
activated butterfly valve in exhaust pipe

CHASSIS FRAME

Ladder type, channel section side rails

Dimensions (in.) *	9.21 x 3.15 x 0.28
Assembled Width (in.)	33.9
Section Modulus (in. ³) **	20.2
Yield Strength (psi)	51,200
RBM (in.-lb.) chassis	1,034,000
per-rail	517,000

*Height x Flange Width x Thickness

**Measured at back-of-cab

FUEL TANK

Round fuel tank, mounted to left side
Capacity - 33 gallons

CAB

	Forward control, steel welded construction, tilting cab. Cab suspension with hydraulic shock absorbers
Cab Glass	Windshield, tinted laminated, 2,314 in. ²
Door Locks	Driver & passenger, electric control
Door Vent Window	Driver, ventilating type
Driver's Seat	Height & seat back angle adjustable Cloth cover, high back type
Passenger Seat	Seat back angle adjustable Cloth cover, high back type
Seat Belts	Driver & passenger, 3-point ELR type
Rearview Mirrors	West coast type, 6.0 x 15.1 in.
Steering Column	Tilt & telescopic type
Sun Visors	Driver & passenger
Windows	Driver & passenger, electric control
Windshield Wipers	Dual, electric-driven, intermittent & 2 speed

ELECTRICAL EQUIPMENT

Halogen headlights, 2 lamps
Back-up lights
Cigar lighter
Clearance, identification & position lights
Day-time running lights
Interior and map light
License light
Side turn signal lights
Stop/tail lights
Turn signal/hazard lights

INSTRUMENTS

Meters & Gauges

Air pressure gauges
Coolant temperature gauge
Fuel gauge
Speedometer, odometer & trip meter
Tachometer

Warning & Indicator
Lights & Buzzers

ABS warning light
Air filter service light
Air heater indicator light
Alternator low charge warning light
Cab lock warning light & buzzer
Engine control system warning light
Exhaust brake indicator light
Hazard warning flasher
High beam indicator light
Low air pressure warning light & buzzer
Low brake fluid level warning light
& buzzer
Low coolant level & overheating
warning light & buzzer
Low oil pressure warning light
Parking brake indicator light
Service brake warning light & buzzer
Turn signal indicator lights
Warning lights with burnt-out bulb
check function
Automatic Transmission:
- Check warning light
- Range inhibited warning light
- High temperature fluid warning
light & buzzer

OTHER OPTIONS

Air conditioner
AM/FM stereo radio with CD
Block heater
Center console/ third seat
Driver's suspension seat
Rear wheel parking brake

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