

UD2000

2006 Model Year



TRUCKS

Distributed by

Nissan Diesel America, Inc.

WHEELBASES	E	F	H	K	N
GVWR (lb.)	19,500	19,500	19,500	19,500	19,500
Chassis Weight (lb.)	6,935	7,010	7,065	7,120	7,275
Front (lb.)	4,675	4,720	4,750	4,770	4,860
Rear (lb.)	2,260	2,290	2,315	2,350	2,415
Gross Payload (lb.)*	12,565	12,490	12,435	12,380	12,225
Wheelbase (in.)** WB	148.4	166.5	178.3	190.2	216.5
Cab-to-Rear Axle (in.) CA	112.2	130.3	142.1	153.9	180.3
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	16/18	18/20	20/22	22/24
Turning Radius (ft.)	19.7	21.7	23.3	24.6	27.6



*UD2000 shown here with dealer installed optional equipment.

*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

	MD -230* 24 Valve Turbo/Intercooled Diesel In-line 6 cylinder, Direct-injection
Horsepower	230 hp @ 2,500 rpm
Torque	506 lb. ft. @ 1,500 rpm
Displacement	469 in. ³ (7.684 L)
Cylinder Liner	Dry, replaceable
Air Compressor	14.1 CFM @ 2,600 engine rpm (nominal)
Fuel System	Electronically controlled common rail system
Air Cleaner	11 in., paper filter type (DONALDSON)
Cold Starting Aid	Automatic electric glow plug
Fan	Viscous type drive

*MD-230 (J08E-TE) is a vendor engine manufactured for Nissan Diesel Motor Company

FRONT AXLE

GAWR	7,275 lb.
Rated Axle Capacity	8,150 lb.
Axle Type	"I" Beam
Suspension	Semi-elliptic leaf springs
Shock Absorbers	Telescopic type

TRANSMISSION

STD
Nissan Diesel, MLS63B
Manual, 6 forward
speeds & 1 reverse
synchronesh on 2nd
through 6th gears

OPTION
Allison, LCT1000RDS
Automatic
5 forward
speeds & 1
reverse

Ratios

1st	-----	6.72	-----	3.10
2nd	-----	4.03	-----	1.81
3rd	-----	2.30	-----	1.41
4th	-----	1.44	-----	1.00
5th	-----	1.00	-----	0.71
6th	-----	0.74	-----	---
Rev.	-----	6.12	-----	4.50
R/A Ratio	-----	3.73	---3.90 _{STD} ---	4.11---3.73---3.90 _{STD} ---4.11
Engine rpm @ 65 mph				
w/215/75R17.5	--	2,050	--	2,145----
				2,265-1,975*-2,065*-2,175*

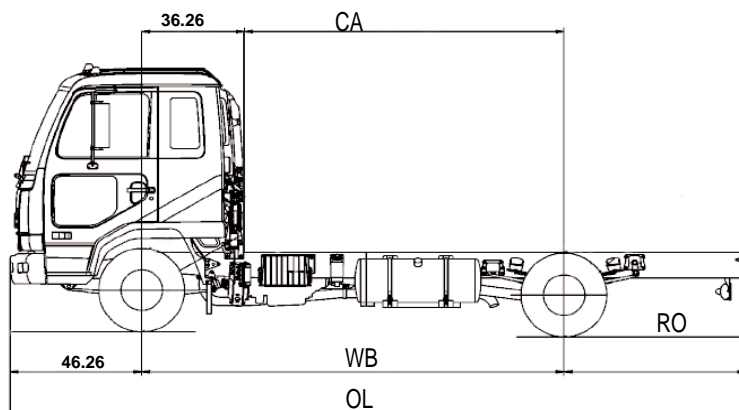
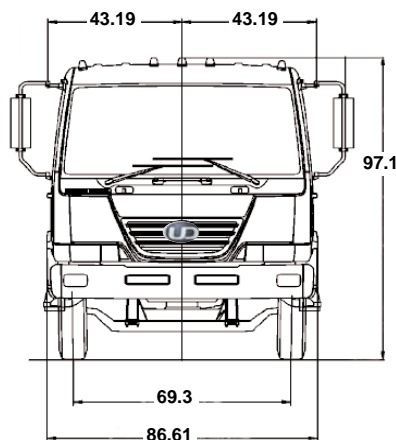
*Approximate engine rpm only. Allison will provide a performance scan by application on request.

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 13,880 lb.
Rated Axle Capacity 16,540 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
215/75R17.5 - 14PR (tubeless radial)
Wheels Steel disc type, 6 hole,
6.00 x 17.5 in., offset 5.3 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: 12.60 x 4.33 x 0.47 in.
Rear Internal expanding, dual two leading shoe,
self-adjusting drum brakes
Drum diameter x lining width x lining
thickness: 12.60 x 5.31 x 0.47 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

Wheelbases	E, F, H, K		N	Hi Tensile Option
	E, F, H, K			E, F, H, K
Dimensions (in.) *	9.21 x 2.76 x 0.28		9.21 x 3.15 x 0.28	9.21 x 2.76 x 0.28
Assembled Width (in.)	33.9		33.9	33.9
Section Modulus (in. ³) **	18.3		20.2	18.3
Yield Strength (psi)	42,600		42,600	51,200
RBM (in.-lb.)	780,000		860,000	937,000

*Height x Flange Width x Thickness **Measured at back-of-cab, specifications
based on complete chassis (Both Rails)

FUEL TANK

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

CAB

Forward control, steel construction, tilting
cab. Cab suspension w/ shock absorbers
Air Conditioner Standard
Cab Glass Windshield, tinted laminated, 2,314 in.²
Cruise Control Standard
Door Locks Driver & passenger, electric control
Door Vent Window Driver, ventilating type
Driver's Seat Height & seat back angle adjustable, w/air
suspension, cloth cover, high back type
Standard
Keyless Entry Back angle adjustable. Cloth cover, high back
Passenger Seat Driver & passenger, 3-point ELR type
Seat Belts West coast type, 5.4 x 15.5 in.
Rearview Mirrors Tilt & telescopic type
Steering Column Driver & passenger
Sun Visors Driver & passenger
Windows Driver & passenger, electric control
Windshield Wipers Dual, electric-driven, intermittent & 2 speed

ELECTRICAL EQUIPMENT

Back-up lights
Cigar lighter
Clearance, identification & position lights
Day-time running lights
Halogen headlights, 2 lamps
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
Alternator low charge warning light
Automatic Transmission:
- Check warning light
- Range inhibited warning light
- High temperature fluid warning
light & buzzer
Cab lock warning light & buzzer
Engine control system warning light
Engine glow plug indicator light
Exhaust brake indicator light
External air restriction indicator
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
Sedimentor warning light
Service brake warning light & buzzer
Turn signal indicator lights
Warning lights with burnt-out bulb
check function

OTHER OPTIONS

AM/FM stereo radio with CD
Block heater
Center console/ third seat
Hi tensile frame rails (Except for N
wheelbase)
Rear wheel parking brake

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latest product information available at the time of this publication. The right is
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