

UD3300

2008 MODEL YEAR



TRUCKS

Distributed by

Nissan Diesel America, Inc.

WHEELBASES	E	H	K	M	Air-Ride		Air-Ride	
					M	R	M	R
GVWR (lb.)	32,900	32,900	32,900	32,900	32,900	32,900	32,900	32,900
Chassis Weight (lb.)	10,195	10,395	10,505	10,615	10,945	10,835	11,165	11,165
Front (lb.)	6,305	6,370	6,440	6,480	6,480	6,615	6,615	6,615
Rear (lb.)	3,890	4,025	4,065	4,135	4,465	4,220	4,550	4,550
Gross Payload (lb.)*	22,705	22,505	22,395	22,285	21,955	22,065	21,735	21,735
Wheelbase (in.) ** WB	150.39	177.17	192.91	208.66	208.66	238.19	238.19	238.19
Cab-to-Rear Axle (in.) CA	118.30	145.00	160.80	176.50	176.50	206.10	206.10	206.10
Rear Overhang (in.) RO	44.90	72.80	77.00	88.60	88.60	110.20	110.20	110.20
Overall Length (in.) OL	245.70	300.40	320.30	347.60	347.60	398.80	398.80	398.80
Typical Body Lengths (ft.)***	14/16	16/18	18/20	20/22	20/22	26/28	26/28	26/28
Turning Radius (ft.)	21.30	25.40	27.40	29.40	29.40	32.80	32.80	32.80



*UD3300 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	20.8 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

Rated Axle Capacity	11,900 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, 2500RDS
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	---5.57 _{STD} - 5.14 - -5.86 - -6.83 -	-5.57 _{STD} - 5.14 - -5.86
Engine rpm @ 65 mph		
w/ 11R22.5	-2,250 - -2,080 -2,365 - -2760	-2,245* -2,070* -2,360*

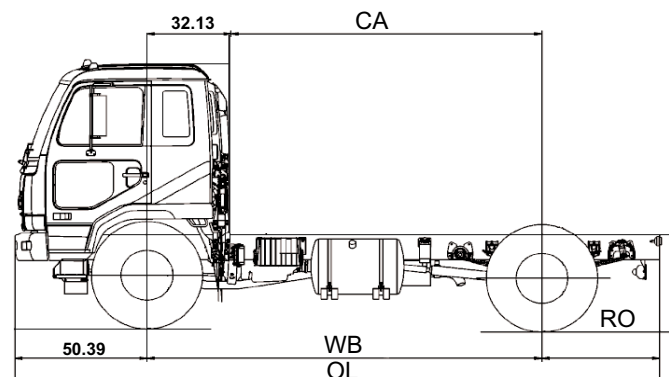
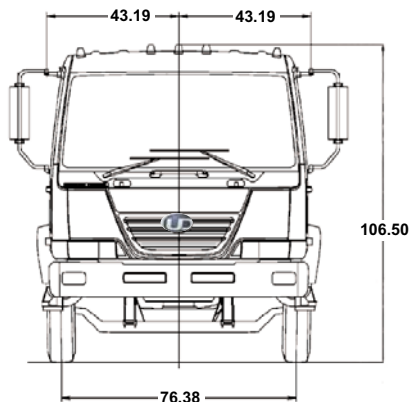
*Approximate engine rpm only. Allison will provide a performance scan by application on request.

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

Rated Axle Capacity	21,000 lb.
Axle Type	Full-floating banjo housing
Suspension	Semi-elliptic leaf springs with auxiliary springs

WHEELS & TIRES

Tires	Front: Single, highway tread Rear: Dual, highway tread 11R22.5 - 14PR (tubeless radial)
Wheels	Steel disc type, 8 hole, 7.50 x 22.5 in., offset 6.38 in.

BRAKE SYSTEM

Service Brakes	Anti-lock Braking System "S" cam air brake system with automatic slack adjusters
Front	Drum diameter x lining width x lining thickness: 16.14 x 5.91 x 0.63 in.
Rear	Drum diameter x lining width x lining thickness: 16.14 x 8.66 x 0.63 in.
Air Tanks	Supply: 1,831 in. ³ Front service: 732 in. ³ Rear service: 1,086 in. ³ Total: 3,637 in. ³
Air Dryer	Standard
Parking Brake	Pneumatically controlled spring brakes, operated by push/pull button, acting on rear wheels

EXHAUST BRAKE

Electrically controlled, pneumatically activated butterfly valve in exhaust pipe

CHASSIS FRAME

Ladder type, channel section side rails

Dimensions (in.)*	9.84 x 3.15 x 0.31
Assembled width	33.9 in.
Section Modulus (in. ³)**	35.7 (with reinforcement) 26.6 (W/B -E only, without reinforcement)
Yield Strength (psi)	51,200
RBM (in.-lb.)	1,828,000 1,362,000 W/B -E

*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 - 50 gallons

CAB

Air Conditioner	Forward control, steel construction, tilting cab. Cab suspension w/ shock absorbers
Cab Glass	Standard
Cruise Control	Windshield, tinted laminated, 2,314 in. ²
Door Locks	Standard
Door Vent Window	Driver & passenger, electric control
Driver's Seat	Driver, ventilating type Height & seat back angle adjustable with air suspension. Cloth cover, high back type
Floormats	Standard
Keyless Entry	Standard
Passenger Seat	Standard
Seat Belts	Back angle adjustable. Cloth cover, high back
Rearview Mirrors	Driver & passenger, 3-point ELR type West coast type, 6.5 x 11 in. with Convex type, 5.8 x 4.3 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

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
Power outlet - 12 volt

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
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 coolant level & overheating warning light & buzzer
Low oil pressure warning light
Sedimentor warning light
Parking brake indicator light
Turn signal indicator lights
Warning lights with burnt-out bulb check function
Backup alarm
DPF warning/indicator lights

OTHER OPTIONS

AM/FM stereo radio with CD
Block heater
Center console/third seat
Heated mirrors
Rear traction tires
Air ride rear suspension WB "M" & "R"

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