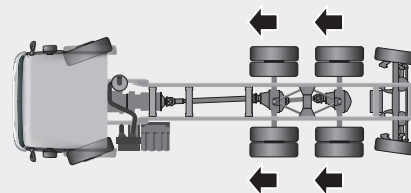


CNG



## Wheel plan



# Dimension shown is for steel wheels, add approximately 2.5' for alloy wheels.



**DENNIS EAGLE**  
A TERBERG ROSROCA COMPANY

**CAB**

- Low floor with one step entry.
- 16 inch first step with standard tires.
- Stainless steel construction.
- Outward visibility best in class.
- J1939 compliant CAN network.
- SAE J2422 and J2420 compliant.
- GRP molded roof and front panel. ABS wings and front grille.
- Mechanically operated hydraulic cab tilt mechanism.
- Options available for LH or Dual Steer with two Drivers seats or for Driver + 3 crew with bench seat and individual seat backs.

**COMFORT & SAFETY**

- Adjustable air suspended driver's seat with head and arm rest and adjustable lumbar support (LHS).
- LED Headlamps: low and high.
- Daytime running lamps.
- Tilt and telescoping adjustable steering column(s).
- Integral 3-point inertia-reel seat belts for driver and crew.
- Dark gray cloth drivers seat.
- Dark gray vinyl crew bench seat.
- Washable floor covering.
- Interior lamps with reading lamp.
- Tinted glass throughout.
- Electric windows with dual controls.
- Two half-width sun-blinds.
- Electrically adjustable/heated rear view mirrors.
- Heated wide-angle rear view mirrors.
- Curb view mirror(s).
- 2 speed and intermittent windshield wipers with electric washers.
- Hi Visibility safety steps with non-slip tread.
- Heavy duty 3 speed blower:
  - Airflow 21188.8 ft<sup>3</sup>/h.
  - Adjustable fascia air vents.
- **Heating:**
  - 26,273 BTU.
  - 50/50 Glycol mix.
  - Flow rate 2 gallon/Min.
  - Coolant temp in: 176°F.
  - Air on: -4°F.
  - Mean temperature difference: 212°F.
- **Air conditioning:**
  - 22,178 BTU.
  - Liquid temp: +136.4°F.
  - Evap temp: 23°F.
  - Gas R134a.

**CHASSIS FRAME**

- Section modulus: 27.562 in<sup>3</sup>.
- Pressed steel channel section, bolted construction.
- Front under-run protection.
- Frame width: 35 inch.
- Rail section: 13.66 x 3.74 x 3/8 inch.
- Frame yield strength: 120,000 psi.
- RBM: 3,290,000.

**ENGINE**

- Cummins EPA, CARB 2021 L9N 320 HP 6 cylinder, 8.9 liter in line CNG.
- Electronic fuel injection.
- Maximum torque: 1000 lb-ft @ 1300 rpm.

**FUEL SYSTEM**

- CNG fueling system to be fitted by body builder/specialist fuel system manufacturer.
- CNG fueled via intake manifold.

**EXHAUST**

- Rear of cab, vertically mounted with high exit tail pipe.

**TRANSMISSION**

- Allison 3000RDS, 6 speed automatic.
- Electronic push-button control(s).

**3000RDS Ratios**

1st	3.49	5th	0.75
2nd	1.86	6th	0.65
3rd	1.41	Reverse	5.03
4th	1.00		

**AXLES****STEER**

- Dana D-2000 W forged "I" section.
- Design capacity: 20000 lbs.

**DRIVE**

- Dana 46-172DS.
- Ratio: 4.78:1.
- Combined design capacity: 44000 lbs.
- Differential lock.

**AUXILLARY**

- Hendrickson EXS13.96.
- Passive steer lift axle.
- Axle lift 8.5".
- Design capacity 11000 lbs.

**STEERING**

- Integrally powered recirculating ball - 5 turns lock to lock (approx).

**ROAD WHEELS**

- 11.25 inch PCD hub-piloted 10 stud wheels, 22.5 inch diameter.

**SUSPENSION****STEER**

- Three leaf parabolic springs.
- Telescopic shocks.

**DRIVE**

- Hendrickson HN 460 rubber suspension.
- Telescopic shocks.

**AUXILLARY**

- Air suspension with lift/lower control.
- Telescopic shocks.

**WARRANTY**

- 2 year base warranty for cab and electrical.
- 5 year warranty on frame and cross-members.
- Drive line components per manufacturers standard warranty.
- See dealer for extended warranties.
- Dennis Eagle Inc. warrants for any manufacturing defects of Dennis Eagle Inc. vocational vehicles to ensure that the vehicle will meet the exhaust emission standards throughout its full useful life, for a maximum of 435,000 miles or 10 years, whichever comes first.

**BRAKES**

- Knorr-Bremse Bendix.
- Pad wear sensing on steer and drive axles.
- Disc brakes all round.
- Automatic adjustment.
- 4-wheel parking brake.
- Cummins water-cooled compressor 18.7 CFM: Single cylinder.
- Audible and visual 'low air' warning in cab.

**ELECTRICAL SYSTEM**

- 12 volt system. Brakes 24V.
- Battery: (3) low maintenance, with 185 amp / hour 1000 CCA capacity each.
- Alternator: 320 amp.
- Twin, electrically adjustable headlamps.
- In-dash 12 volt power supply socket.
- 3 DIN slots available on Left-Hand Drive and 6 DIN slots available on Dual Steer vehicles.
- Pre-wired with 2 speakers, antenna and wiring for stereo.
- Engine hour meter within display unit with digital clock.
- Electronic instruments in all driving positions include - speedometer - coolant level - engine temperature and service brake air pressure gauges.
- Access to fuses and relays in cab and at battery box.
- Battery isolator at battery box.
- Body builder integration RP170 and J1939 standard.
- Anderson socket.

For more details of specifications and options please consult a Dennis Eagle Inc. sales representative.

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