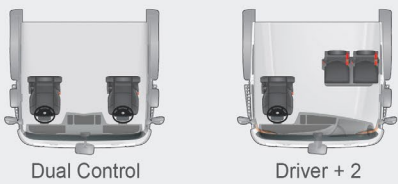
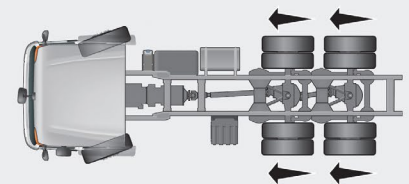


Seating position options



Wheel plan



| Wheelbase | 4650mm | 4850mm | 5225mm | 5350mm | 5500mm |
|---|----------------|--------|--------|--------|--------|
| Maximum plated vehicle weight | 24500 (28000*) | | | | |
| Unladen weight | 7550 | 7570 | 7608 | 7620 | 7635 |
| Front axle plated weight | 6500 (8000*) | | | | |
| Rear axle/bogie plated weight | 18000 (20000*) | | | | |
| Front axle unladen weight | 4265 | 4272 | 4284 | 4288 | 4293 |
| Rear axle/bogie unladen weight | 3285 | 3298 | 3324 | 3332 | 3342 |
| Turning circle (curb to curb), metres | 16.9 | 17.4 | 18.5 | 18.9 | 19.4 |
| Tyres Axle 1 | 295/80R22.5 | | | | |
| Axle 2 | 11R22.5 | | | | |
| Axle 3 | 11R22.5 | | | | |
| C1 Overall wheelbase | 5325 | 5525 | 5900 | 6025 | 6175 |
| C2 Overall length | 8193 | 8393 | 8768 | 8893 | 9043 |
| C3 End of frame | 1190 | | | | |
| C4 Road wheel clearance (minimum) | 180 | | | | |
| C5 Approach angle | 14° | | | | |
| C6 First cab step height from ground | 485 | | | | |
| C7 Cab floor height | 812 | | | | |
| C8 Ground clearance at lowest part of vehicle | 230 | | | | |
| C9 Engine clearance - horizontal | 816 | | | | |
| C10 Engine clearance - verticle | 300 | | | | |
| C11 Air filter clearance - horizontal | 716 | | | | |

*Design weight.

NOTE: Unless otherwise stated, all dimensions are nominal, in mm and represent an unladen vehicle set at standard ride height with standard wheels and tyres; tyre deflection is not included. All specifications are subject to manufacturer's tolerances. An allowance of +/- 0.5m should be made for all turning circles. All weights represent a standard vehicle, are in kg and include oil, water, AdBlue and 50 litres of fuel. An allowance of +/- 2% should be made for all weights. Additional or optional equipment may alter dimensions and weights quoted.

CAB

- Low floor with one step entry.
- 485 mm first step height.
- Outward visibility best in class.
- 3CR12 stainless steel construction with GRP moulded roof and front panel, ABS wings and front grille.
- ECE Regulation 29 compliant.
- Manually operated hydraulic cab tilt mechanism.
- RHD with Driver + 2 crew seats or Dual Control with two Drivers seats.

COMFORT & SAFETY

- Adjustable air suspended driver's seat(s) with head and arm rest and adjustable lumbar support.
- Tilt and telescoping adjustable steering column(s).
- Integral 3-point inertia-reel seat belts for driver.
- Dark grey cloth seat trim.
- Washable floor covering.
- Interior lamps.
- Tinted glass throughout.
- Electric windows with dual controls.
- Two half-width sun-blinds.
- Electrically adjustable/heated rearview mirrors.
- Kerb view mirror(s).
- Front wide view mirror.
- Daytime running lamps.
- 2 speed and intermittent windscreen wipers with electric washers.
- Heavy duty heater with 3 speed blower.
- Air conditioning.
- Adjustable fascia air vents.
- Land Departure Warning System (LDWS).

STOWAGE

- Rear wet area with drip tray.
- Roof console stowage cupboards.
- Coat hooks.
- Cab tilt pump handle and spring brake wind-off spanner securely mounted in cab.

CHASSIS FRAME

- Pressed steel channel section, bolted construction.
- Front under-run protection.
- Frame width: 890mm
- Rail section: 258 x 100 x 10mm.

AXLES

FRONT

- Dana NDS80 forged 'I' section.
- Design capacity; 8,000 kg.

DRIVE

- Dana G150 series.
- Axle ratio: 6.17:1.
- Combined design capacity: 20,000 kg.

SUSPENSION

FRONT

- Twin parabolic spring, Hendrickson HAF4.
- Telescopic dampers.
- 4 Bellow Air Assist.

REAR

- Hendrickson PRIMAAX® EX Air Suspension.
- Telescopic dampers.

BRAKES

- Full air.
- Twin circuit.
- Brake platform: Knorr-Bremse EBS.
- Traction control (ASR).
- Disc brakes all round.
- Automatic adjustment.
- Asbestos free pads.
- 6 wheel parking brake.
- Disc wear sensor on all wheels, potentiometer type.
- Advanced Emergency Braking System (AEBS).
- Electronic Stability Control (ESC).
- Hill start assist (optional).
- Air compressor: 630cc twin cylinder super-cooled compressor.
- Audible and visual 'low air' warning in cab.

ENGINE

- Cummins ISB B6.7 E6C (Euro 6) 217 kW (290 bhp) 6 cylinder, 6.7 litre in-line diesel.
- Electronic fuel injection.
- SCR treatment for Euro 6 compliance.
- Maximum torque: 1100 Nm @ 1000 rpm.

TRANSMISSION

- Electronic push-button control(s).

RIGHT-HAND DRIVE

- Allison 3000 MD high capacity close ratio, 6 speed automatic.

DUAL CONTROL

- Allison 3500 MD wide ratio, 6 speed automatic (3000 MD option).

3000 MD Ratios

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

3500 MD Ratios

| | | | |
|-----|------|---------|-------|
| 1st | 4.59 | 5th | 0.75 |
| 2nd | 2.25 | 6th | 0.65 |
| 3rd | 1.54 | Reverse | -5.00 |
| 4th | 1.00 | | |

- PTO included and mounted on LHS of transmission.

FUEL SYSTEM

- Aluminium fuel tank with locking cap. 315 litre or 255 litre capacity dependant on wheelbase.
- Fuel micro-filter, heater and pump filter.
- 42 litre AdBlue reservoir.
- NOx control to Euro 6 standard.

ELECTRICAL SYSTEM

- 24 volt, negative earth.
- Battery:
 - 24V, 180Ah (negative earth).
 - Cold cranking performance: 1200CCA.
- Alternator: 24V, 120A.
- Integral roof beacons.
- In-cab 12V power supply sockets and USB sockets.
- Standard radio/CD player in header (4 speakers fitted as standard).
- Provision for weighing systems and monitor/display units to header (3 DIN slots).
- Engine hour meter within display unit with digital clock.
- Electronic instruments at all driving positions include – speedometer – tachometer – coolant temperature – fuel level – AdBlue level and service brake air pressure gauges.
- Access to fuses and relays in cab.

STEERING

- Integrally powered recirculating ball – 5 turns lock to lock (approx.).
- Lane Departure Warning System (LDWS).

ROAD WHEELS

- 335 PCD/pressed steel spigot mounted 10 stud wheels, 22.5 inch diameter.

PERFORMANCE DATA

- Maximum speed: 100kph (speed limited).
- Stall gradeability: 34%.

EXHAUST

- Low slung exhaust with SCR Catalytic Converter.

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

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