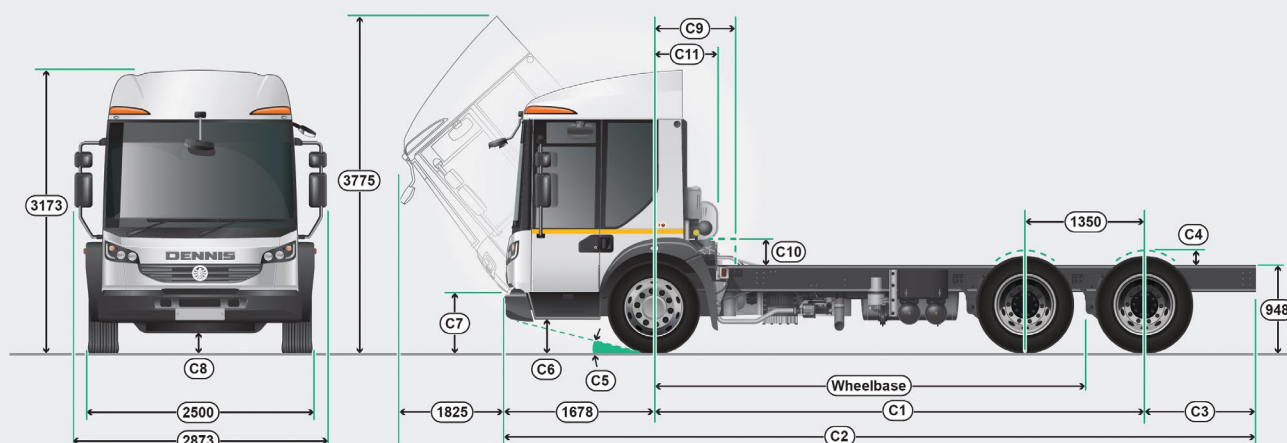




Seating position options

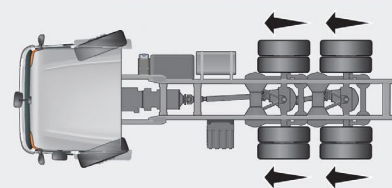


Dual Control



Driver + 2

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.



**DENNIS
EAGLE**

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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