

STANDARD BODY SPECIFICATION



EXTERIOR

- * Rigid, precision, jig-built, all Cromwell constructed corrosion free structure.
- * Lowest possible single step entry onto flat saloon floor.
- * 1.14m pneumatically operated glider entrance doors with full depth glazing incorporating convenient hand grabs.
- * The aluminium bodyside main panels are divided into sections, individually bonded to frame, offering simple low cost replacement.
- * Complete front panel arrangement in GRP featuring detachable bumper for easy maintenance and repair.
- * Seamless GRP roof sheet coupled to full length aluminium cant extrusions gives clean rivet-free simple construction.
- * Large panoramic continuous run glazing incorporating four hopper type top opening units.
- * Four-piece single curvature front screen giving minimum reflection and excellent forward vision from high driver's location.
- * Combined destination and triple route indicator stylishly incorporated in front screen.
- * Individually operated pantograph wipers giving large clear area of wipe.
- * Two pack acrylic paint finish in two colours. (Base plus one relief).



INTERIOR

- * 39 seats trimmed in moquette and provision for up to 15 standing passengers.
- * Thoughtfully designed drivers environment with adjustable driver's seat.
- * Flat floor giving 2.13m headroom in main saloon.
- * Colour co-ordinated soft trim interior.
- * Gangway finished in 3mm heavy duty rubber.
- * Underseat finished in 2.5mm 'Armourflor' durable floor covering.
- * Ergonomically designed front moulded cabinet incorporating driver's door and entry handrail.
- * Full height glazed partition to rear of driver and entrance incorporating convenient hand grabs.
- * Two powerful underseat box heaters ensuring maximum passenger comfort.
- * Four interior lights spaced in staggered formation.
- * Step light and driver's cab light.
- * Three bell pushes.
- * Reversing bleeper.
- * Full length roof handpole and straps ensuring safe and easy access for passengers.
- * All interior handrails coloured for easy identification and safety.

OPTIONAL EQUIPMENT

- * Roof ventilators: 3-way 1-2-3 off
- * PAYE sign to front
- * Alternative driver's seat - Chapman Bremshey type
- * Cronapress bell push strip to N/S of saloon in lieu of 3 pushes
- * Treadmaster underseats in lieu of Armourflor
- * Rear canopy mounted destination and/or triple route gear
- * Treadmaster to gangway in lieu of rubber
- * Entrance step centre handrail stanchion
- * Heated screens and timer
- * Multiple dot matrix destination indicator

9M DENNIS DUPLÉ DART

GENERAL INFORMATION

The Dart is a uniquely styled midi bus with maxi features, specifically designed to meet the needs of city bus operation. Being only 9 metres long and 2.3 metres wide this body is admirably suited to meet the growing demand for mid-sized vehicles. Based on the low floor Dennis chassis this integrated vehicle provides safe and easy access for passengers, particularly helped by the low step and full width folding doors.

The innovative styling features a four piece single curvature windscreen giving exceptional forward vision with minimal reflection, combined with low cost replacement, complimented by flush fitting, low line side windows offering passengers a roomy environment to travel in.

The structure is precision jig-built entirely of Cromweld corrosion resistant steel with separate aluminium side panels bonded on, ensuring extended life and minimal repair costs.

Internally there is extensive use of soft trim moquette materials, whilst the window line and body dimensions combine to give a deceptively spacious interior — maximum headroom is a mighty 7', yet standard seating allows for 39 seats and 15 standees, giving a total payload of 54.

The driver's environment has not been forgotten; ergonomically designed, stylish yet functional so that all controls fall naturally to hand.

All in all, the Dennis Duplé Dart is a long life vehicle styled to suit the new image of passenger transport in the 1990s, big enough to give economical passenger loading at a cost far less than larger buses; yet small enough to negotiate city centres and housing estates alike.

CHASSIS SPECIFICATION SUMMARY

- * Integrated rear engine, 9 metre Dennis midi bus chassis frame.
- * Engine: Cummins 6 BT 5.9 producing 130 BHP. Optional 115 BHP Cummins 6B
- * Transmission: Allison AT 545 4-speed fully automatic.
- * Brakes: full air operated 360 x 170 service brakes incorporating an air dryer.
- * Suspension: taper leaf springs with telescopic dampers.
- * Steering: integrally powered ZF steering gear.
- * Electrical: 60 amp alternator with 2 x 12 volt batteries.
- * Fuel tank: capacity 134 litres (30 gallons).
- * Front Axle: 4000 kg capacity, max lock angle 53°.
- * Rear Axle: 8000 kg capacity 4.86:1 for 47mph.
- * Wheel & Tyres: 245/70R x 19.5 low profile.

DIMENSIONS

Overall height: 2.7 metres
Overall length: 9.0 metres
Overall width: 2.3 metres
Internal height: 2.13 metres maximum
Wheelbase: 4.3 metres
Nominal step height (ground to first step): 31cm
Main Saloon Floor Height (from ground): 52cm
Front Overhang: 2.09 metres
Rear Overhang: 2.58 metres
Turning Circle: 14.0 metres

SERVICE

Hestair Duplé provide a comprehensive Body Parts and service system including:

- * **SERVICE CENTRES** — where skilled craftsmen can repair or re-build any make of vehicle.
- * **FIELD ENGINEERS** — who can undertake repairs on an operator's premises and can also make regular service calls.
- * **PARTS DELIVERY SERVICE**
- * **PLUS 24 HOUR CHASSIS SERVICE SUPPORT** — in Britain through Dennis Service Network



Vicarage Lane, Blackpool
Lancashire FY4 4EN
Tel: (0253) 62251
Telex: 67135 DUPLES G
Fax: (0253) 792272

DENNIS
Specialist Vehicles

Woodbridge Works, Guildford
Surrey GU2 5XP
Telephone: (0483) 571271
Telex: 859211/859563
Fax: (0483) 301697