

MOSELEY CONTINENTAL ALPHA GT



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'ALPHA GT' LUXURY COACHWORK,
BUILT BY SALVADOR CAETANO OF OPORTO, PORTUGAL

'ALPHA GT' luxury coachwork is produced using the Continental all metal structural technique, and is renowned for its durability, safety and cosmetic elegance.

The extremely comprehensive standard specification includes all the following items, and represents unparalleled value-for-money in the world of modern passenger transport:

- All metal structure, conformity jig assembled.
- Waist panels in one piece stressed steel sheet extending from window to floor line.
- Skirt panels in aluminium.
- Front and rear styling panels in G.R.P.
- Basic structure and sheet metalwork substantially treated during and after assembly with anti-corrosion materials, inclusive of tube interiors.
- Two-piece bonded laminated windscreen.
- Side windows in bronze tinted, toughened glass.
- Distinctive exterior colouring layouts in three colours.
- Black and bright anodised mouldings.
- Generous luggage accommodation at rear: Approximately 152 cubic feet — Nearside—approximately 38 cubic feet. Offside—approximately 28 cubic feet.
- All luggage compartments fitted with gas cylinder supported lockable flaps, and equipped with interior illumination.
- Power operated entrance door of the outward gliding plug type.
- Stainless steel wheel discs.
- Lock to fuel filler flap.
- 53 Full moquette trimmed luxury reclining passenger seats with energy absorbing frames, ashtrays and rubber covered footrests.
- Passenger seats secured to saloon floor by special channels to facilitate simple re-spacing if so desired.
- Saloon floor finished with Harefield sponge-backed rubber to the centre gangway, and matching lino to the seat floor.
- Side casing panels in Rosewood laminate material.
- Full draw curtains to side windows.
- Sun visor to offside front screen and driver's signalling window.
- Four Weathershield ventilators at centre roof — metal panelled and fabric trimmed.
- Full length interior parcel racks, fabric trimmed and incorporating recessed forced air ventilation/individual reading lamp units, First Aid Kit and fire extinguisher.
- Saloon heating by four under-seat K.L. units with powerful front end heating demisting system.

- All heating and ventilation controls grouped separately from main switchgear.
- Fluorescent interior lighting, incorporating diffused night lights.
- Battery operated saloon clock.
- Heavy duty electric pantograph windscreen wipers.
- Coachwork electrics protected by thermal interrupters.
- Two fog lamps.
- Headlamp washing equipment.
- Radiomobile radio/public address and stereo cassette system with wander microphone.

MB 200 DKTL coach chassis — specification

ENGINE Type: DAF DKTL 1160 horizontal six cylinder in-line turbo-charged diesel, mounted mid-chassis under floor.

Swept volume: 11.6 litres. Bore: 130mm. Stroke: 146mm
Max. power: (BS AU 141a 1971) 187.5kW (251 b.h.p. at 2200 r.p.m.)

Max. torque: (BS AU 141a 1971) 965Nm (711 lb.ft. at 1500 r.p.m.)

Compression ratio: 15:1

Cooling system: Water cooling with centrifugal pump and double thermostat. Front mounted radiator with electro-magnetic fan.

CLUTCH Single dry plate, hydraulically operated, air assisted.
Diameter: 420mm

GEARBOX Type: ZF S6-80 + GV80. 6 speed synchromesh gearbox with 2 speed electro-pneumatically controlled synchromesh splitter gear. Splitter box mounted in front of the main gearbox.

FRONT AXLE Type: N140. Max. axle load: 6500kg. I-section axle

REAR AXLE Type: 2255. Fully floating rear axle with single reduction hypoid bevel gearing. Ratio: 4.62:1

SUSPENSION Air suspension with front and rear stabilisers and double acting telescopic shock absorbers on front and rear axles.

WHEELS AND TYRES 295/80 R22.5 Pilote tubeless radial tyres. 8.25 x 22.5 wheels. Spare wheel supplied.

STEERING GEAR Hydraulic power steering ratio: 22.7:1

Turning circle: WB 6.0m: 10.1m (to centre of the outer front wheel)

BRAKE SYSTEM Dual-circuit air brakes: EEC system

Exhaust brake: air operated—control by foot switch

Handbrake: by means of spring brake actuators on rear axle.

ELECTRICAL EQUIPMENT Voltage: 24V. Alternator: 80A. Batteries: 4 x 90 Ah Service free. Starter: 5.5kW (7.5hp).

INSTRUMENTS AND CONTROLS EEC electronic tachograph, tachometer air pressure gauge, oil pressure gauge, temperature gauge, fuel gauge, main switch, starter switch, light switch, fan switch, headlight dipswitch, direction indicator switch, warning lights for: battery charge, oil pressure, water temperature, handbrake, air filter, glow plug, direction indicator, headlight beam, main switch, fan drive.

