

S P E C I F I C A T I O N

Palatine

PALATINE I / VOLVO OLYMPIAN

BODY DESCRIPTION

Structure: Jig built from all extruded aluminium alloy. All dissimilar metal joints pre-treated to prevent electrolytic corrosion and final assemblies treated with anti-corrosion paint. All wheel arches are in stainless steel.

Exterior Panels: The roof and side exterior panels are 1mm aluminium alloy sheet. Side panels flush fitting and bonded to the frame. Front and rear domes, front windscreen surround, lower front and rear panels, in glass reinforced plastic (GRP), Class 2. Front grille GRP and aluminium. Aluminium skirt panel. Hinged GRP headlight panels.

Flooring: Floor covering in colour co-ordinated PVC non-slip materials, with all welded seam joints.

Electrical: 24 volt DC. Interior lighting continuous strip to both sides of saloon roof with integral inverters. Stanchion mounted bell pushes. Quartz Halogen headlamps, front side and rear trafficators. All body switches, illuminated with international symbols.

Heating: A two pipe convection system with thermostatic control valves fitted to the saloons. Twin turbo blower unit ducted through a plenum chamber for screen demisting and outlets to cab. Motorised extractor system for rear saloons.

Glazing: Laminated single curved split windscreens with 4mm toughened glass side windows. Ten full bay width split opening hopper windows and cab signalling window finished in black epoxy powder-coat. All glazing is mounted in black EPD rubber.

Interior finish: Colour co-ordinated plastic laminates are used for the body side panels, ceiling and seat backs.

DPTAC: 35mm textured coloured handrails to saloons and entrance areas. Palm press bell pushes to lower saloon stanchions, Bus Stopping sign to upper and lower saloons and exterior lighting to entrance steps. Black and yellow step nosings and priority seating. Large front manual destination and triple route number to side and rear.

Seating: PSV stage carriage seat frames, colour co-ordinated and trimmed in moquette over fire retardant, high resilient foam cushions and squabs. Seat backs in co-ordinating plastic laminates.

Exterior Finish: Two colour two pack acrylic spray finish.

Warranty: 12 months parts and labour.

Options:

- Exterior vinyl logos.
- Soft trim interior.
- Driver's protection screen.
- Radio/PA system.
- Heated front windscreens.
- Dual door.
- Lower saloon rear window.
- Dual purpose coach seating.
- Electronic information systems.
- Video surveillance equipment.

SPECIFICATION

Palatine

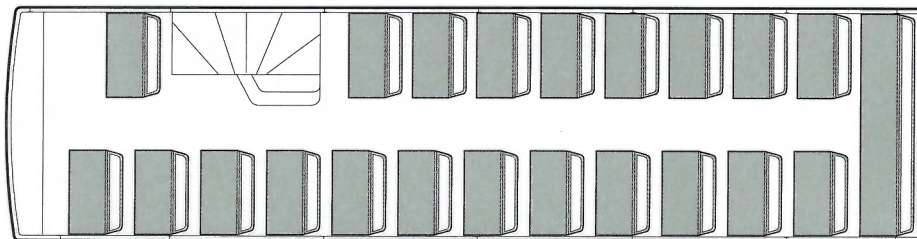
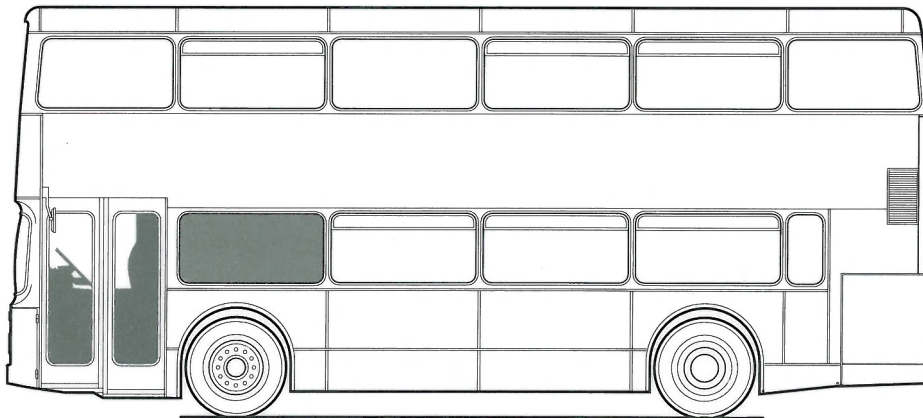
PALATINE I / VOLVO OLYMPIAN

Chassis specification: VOLVO OLYMPIAN

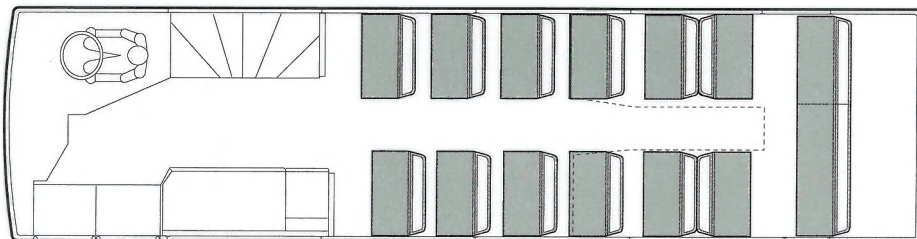
Engine:Volvo D10A turbocharged vertical Euro 2 engine
Power rating:180bhp (245kW) at 2200rpm
Torque774lb.ft (1050Nm) at 1320 rpm
Gearbox:ZF 4HP500 automatic with integral retarder and
EST 18 control
Wheels and tyres:11R 22.5 L-rated tyres on 7.5x22.5 spigot-
mounted steel wheels

Brakes:full air dual line vertical split system, optional ABS
Suspension:full air
Electrical equipment: ...two 220Ah batteries, one 115 amp Lucas alternator
Cooling Systemfront mounted radiator with belt fan drive and
thermostatically controlled fan
Fuel system:twin tanks 250 litre total capacity

Seating Arrangement: PALATINE I



Upper Saloon Capacity - 47 Seats



Lower Saloon Capacity - 29 Seats

PLAXTON 

Plaxton Coach & Bus Eastfield Scarborough YO11 3BY Tel: 01723 581500 Fax: 01723 581328