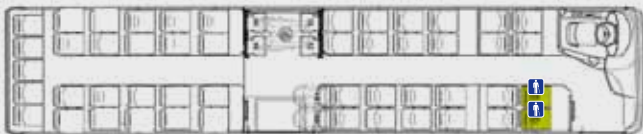




> Low Entry city and intercity buses - length **12.80 m**

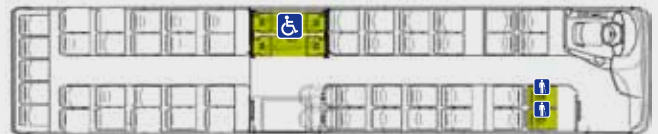
Wheelchair access preparations

0 **55** (including 2 seats for disabled passengers) **25**



Complete wheelchair access equipment

1 **51** (including 2 seats for disabled passengers) **25**



WEIGHTS & DIMENSIONS

| | |
|---|-------------------|
| Total length | 12 795 mm |
| Total width | 2 550 mm |
| Total height (exterior) | 2 920 mm |
| Wheelbase | 6 500 mm |
| Empty weight | 11 740 kg |
| GVW (max) | 17 200 kg |
| Front overhang | 2 755 mm |
| Rear overhang | 3 540 mm |
| Interior height | 2 450 mm |
| Entrance height front / centre (first step) | 350 mm / 250 mm |
| Floor height (front section) | 350 mm |
| Door width front / centre | 820 mm / 1 350 mm |
| Angle of attack front / rear | 8° / 8° |
| Scanned radius | 9 365 mm |
| Turning circle (between kerbs) | 6 600 mm |
| Maximum capacity front axle | 5 500 Kg |
| Maximum capacity rear axle | 11 600 Kg |
| Track front / rear | 1828 mm / 1696 mm |

ENGINE & DRIVELINE

Engine MAN D 0836 LOH 64 EURO 5 engine (EEV optional) equipped with 2-stage turbo compression and charge air intercooler, silent and ecological engine concept. 6 Cylinder inline Diesel engine ; Engine volume : 6.871 litres, EDC Common Rail direct fuel injection. Maximum power : 213 kW / 290 BHP at 2,300 min⁻¹ ; Maximum torque : 1,100 Nm from 1,200 to 1,700 min⁻¹



Hydraulically operated cooling fan

Electronic fuel pre-heater (cold start assistance)

ZF EcoLife 1200 Fully Automatic gearbox

Retarder ZF Intarder, hydraulically operated additional braking system with hand and foot controls, linked to service brakes

Front axle MAN VOK-07B equipped with stabiliser

Power steering ZF 8098, electro hydraulic power steering system

Rear axle MAN HOY-1175, hypoid axle

Electronically controlled full air suspension system on front and rear axles. Front : 2 air bellows, 2 shock absorbers, 1 levelling valve ; Rear : 4 air bellows, 4 shock absorbers, 2 levelling valves ; ECAS control module with raising and kneeling system

Brakes front and rear ventilated disc brakes, pneumatically operated, electronically controlled EBS service brake system

ABS anti lock braking system with 4 wheel sensors

ASR traction Control

Fuel tank capacity 300 litres

Tyres Michelin 295/80 R 22,5 XZE2

ELECTRICAL SYSTEM

Batteries 2 x 12 V 110 Ah

Alternators 2 x 110 Ah

Electrical system accessible by means of separate service hatch (front left)

PASSENGER COMPARTMENT



55 Fixed Brusa Divide seats including 4 tip-up seats and 1 movable double seat for increased access at centre door, fixed, steel armrests on aisle side and plastic anti vandalism seat backs

Seats equipped with 2-point safety belts, schoolbag restriction bars underneath seats and grab handles for standees

The vehicle is equipped and prepared to be fully compliant with annexes 7 and 11 of the 2001/85/EEC directive. Standard execution including contrasting step edges, gangway and grab handles

All side windows and rear window equipped with tinted single glazing, 6 large sliding windows in upper sections of side windows for ventilation

Extensive thermal and sound insulation integrated in roof, floor, front and rear panels and sidewalls, extra insulation surrounding engine compartment

Central passenger compartment lighting (2 intensity levels)

2 Transparent roof hatches (emergency exits with ventilating position)

Passenger compartment heating by means of separate hot air units

Webasto 30 kW Diesel fuelled pre heater

Floor and steps covered in durable antiskid floor covering

Easy to clean sidewall finishing covers in grey

Roof interior covered with moulded panels in light grey

Moulded decency screens with integrated grab handles

Step lighting automatically engaged when doors are opened

SAFETY EQUIPMENT

ABS : Anti lock braking system with 4 wheel sensors

ASR : Traction Control

Structural strength compliant with UN ECE R66 regulations

Disc brakes on front and rear axles

Reversing signal, audible warning device

Front and rear fog lights

Additional direction indicators on top of rear panel, automatically engaged when doors are opened

Fire alarm in engine compartment

Fire extinguisher(s)

First aid kits

7 Emergency hammers throughout the vehicle

2 Roof hatches

Observation mirrors for interior observation (one in the front and one at centre door)

DRIVER COMPARTMENT



Multi adjustable driver's seat with pneumatic suspension, integrated headrest and 3-point safety belt with pretensioner, 1 armrest (left)

Urban type driver compartment (suited for public transport) with fully equipped lockable safety door

Lockable driver's storage compartment

Separately controlled heating and ventilation systems for driver compartment

Thermostatically controlled heating for driver compartment

Electrically heated driver's sliding window

Double sun blinds behind windscreen and separate sunblind for driver's side window, manually operated

Comfort type rear view mirrors, demountable, electrically heated, manually adjustable

Pneumatically adjustable steering column (length / height and angle adjustable)

VDO Digital Tachograph (DTCO)

24 V Power socket on driver's position

Bottle holder, suitable for 1.5 litre bottles, at driver's position

CHASSIS & BODY STRUCTURE

Integral body structure

Roof and sidewall structures constructed from steel profiles

Composite GRP front panel

Composite GRP rear panel

Anti corrosion treatment : Completely galvanised structure, wax treatment on inside of profiles

Anti-chipping treatment (underside)

One-way bar in centre aisle at driver's position

Wheelchair access by means of manually operated ramp at centre door

Low floor from front to rear axle

Front door : Single pneumatically operated door, inward turning ; Centre door : Double pneumatically operated inward turning doors

Standard exterior colour : RAL 9010, single paint colour



FAST

STARTER *LE*

