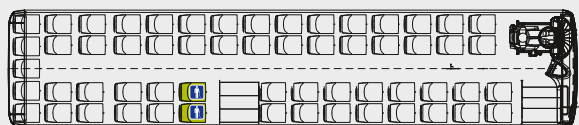




> Intercity service buses - length 12.30 m / 13 m

12.30 m - Wheelchair access preparations

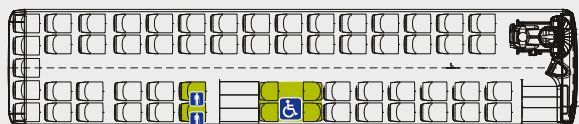
0 59 (including 2 seats for disabled passengers)



12.30 m - Complete wheelchair access equipment

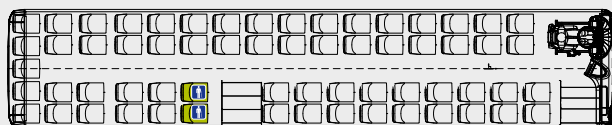
1 55 (including 2 seats for disabled passengers)

0 59 (including 2 seats for disabled passengers and 4 tip-up seats)



13 m - Wheelchair access preparations

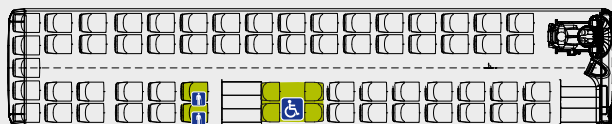
0 63 (including 2 seats for disabled passengers)



13 m - Complete wheelchair access equipment

1 59 (including 2 seats for disabled passengers)

0 63 (including 2 seats for disabled passengers and 4 tip-up seats)



WEIGHTS & DIMENSIONS

| | |
|---------------------------------|---|
| Total length | 12 340 mm / 13 040 mm |
| Total width | 2 500 mm |
| Total height (exterior) | 3 270 mm (with a/c : 3 450 mm) |
| Wheelbase | 6 150 mm / 6 850 mm |
| Empty weight | 11 400 kg / 11 700 kg |
| GVW (max) | 18 000 kg |
| Floor height | 860 mm |
| Front overhang | 2 741 mm |
| Rear overhang | 3 453 mm |
| Interior height | 1 990 mm |
| Door width front / centre | 783 mm / 783 mm |
| Under floor luggage compartment | 5.2 m ³ / 6.3 m ³ |



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



Electronic fuel pre-heater (cold start assistance)

Gearbox : ZF 6S-1901 manual 6-speed gearbox + 1 reverse, cable controlled and pneumatically assisted

Clutch : MAN MFZ 430 single dry plate clutch, pneumatically assisted

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

Front axle : MAN axle with independent front suspension

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(s) : 2 Steel tanks, total capacity 440 litres (2 x 220 litres)

Tyres : Michelin 295/80 R 22,5 XZE2

ELECTRICAL SYSTEM

24 V electrical system

Alternator(s) 2 x 110 Ah

Batteries 2 x 12V / 185 Ah



 **FAST**

PASSENGER COMPARTMENT



Fixed Brusa WRAP comfort seats equipped with foldable armrests to aisle side, 2-point safety belts and schoolbag restriction bars underneath seats

Pneumatically operated swing type front and centre doors

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

Standard equipment including preparations for retrofit of wheelchair access facilities

Central LED passenger compartment lighting (2 intensity levels)

All side windows equipped with dark tinted single glazing (VENUS), 5 large sliding windows in upper sections of side windows for ventilation

Comfort type luggage racks, left and right (roof mounted) with integrated individual reading lights

Convecter type heating with left and right convectors over full vehicle length, additional hot air heating units for increased heating capacity and air circulation

Webasto Diesel fuelled pre heater

Air-conditioning system with individual air outlets
Thermoking 20 kW/h

Comfort type decency screens at both doors and behind driver, moulded plastic panels with grab handles in brushed aluminium

Grab handles installed on luggage racks with integrated stop buttons (for standees)

Electrical extractor fan on vehicle roof

Standard curtains at all side windows and rear window

SAFETY EQUIPMENT

ABS : Anti lock braking system with 4 wheel sensors

ASR : Traction Control

Structural strength compliant with UN ECE R66 regulations

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



DRIVER COMPARTMENT



Multi adjustable driver's seat with pneumatic suspension, integrated headrest and 3-point safety belt with pretensioner, left and right armrests

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

VDO Digital Tachograph (DTCO)

Lockable driver's storage compartment (in luggage rack)

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, electrically operated

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

Radio/CD player with amplifier and fader control, centrally mounted microphone, driver's speaker and steering wheel controls

CHASSIS & BODY STRUCTURE

Complete MAN chassis, corrosion protection by means of cathophoretic treatment

Galvanised structure, profiles and cross members, the entire body structure is degreased extensively in a process compliant with the latest environmental and health & safety standards before application of Epoxy paint and wax as secondary protection

Stainless steel panels, sidewall- and roof structure, GRP / polyester front and rear panels and aluminium luggage flaps. Structural strength compliant with UN ECE R66 regulations. Standard exterior colour : RAL 9010, single paint colour

Preparations and chassis reinforcements for retrofit installation of tow bar / trailer coupling / bicycle carrier

