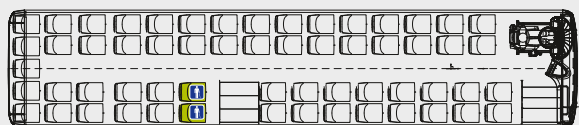




> School buses - length **12.30 m / 13 m**

12,30 m - Wheelchair access preparations

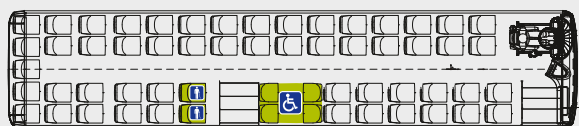
0 **59** (including 2 seats for disabled passengers)



12,30 m - Complete wheelchair access equipment

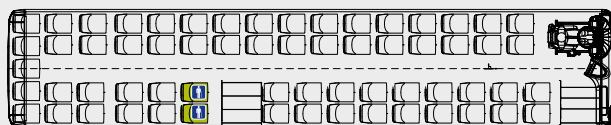
1 **55** (including 2 seats for disabled passengers)

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



13 m - Wheelchair access preparations

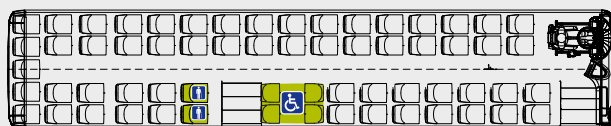
0 **63** (including 2 seats for disabled passengers)



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
(avec climatisation : 3 450 mm)

Wheelbase 6 150 mm / 6 850 mm

Empty weight 11 400 kg / 11 700 kg

GVW (max) 18 000 kg

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 m³ / 6.3 m³



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, hypoïd 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

PASSENGER COMPARTMENT



Fixed Brusa Divide seats equipped with basic fixed (steel) armrests on aisle side, 2-point safety belts and plastic anti-vandalism covers on seat backs

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

Central LED passenger compartment lighting (2 intensity levels)

All side windows equipped with light tinted single glazing (TSA), 6 large sliding windows in upper sections of side windows for ventilation

Under floor luggage compartment

Webasto Diesel fuelled pre heater

Passenger compartment heating by means of separate hot air units

Basic type decency screens at both doors and behind driver, hard panels with integrated grab handles in contrasting colour

Electrical extractor fan on vehicle roof

ELECTRICAL SYSTEM

24 V electrical system

Alternators 2 x 110 Ah

Batteries 2 x 12 V / 185 Ah

DRIVER COMPARTMENT



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

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

Electrically heated driver's sliding window

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

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

Radio/CD player with fader control and separate driver's speaker

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

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

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

Fire alarm in engine compartment

