

U R B A N W A Y



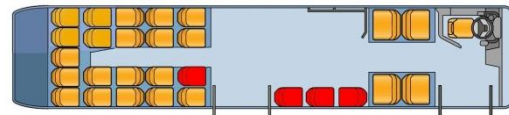
12 m Bus Low Floor – Tector 7 Diesel EURO VI



Length	12000 mm
Width	2500 mm
Height (Without / With Air Cond.)	2846 / 3066 mm
Wheelbase	6120 mm
Front / Rear Overhang	2710 / 3170 mm
Front / Rear Track	2087 / 1869 mm
Front / rear internal height	2378 mm
Front / Middle / Rear door access height	320 / 330 / 340 mm
Front / Middle / Rear door width	1200 mm
Wall-to-wall turning radius	10785 mm
Kerb-to-kerb turning radius	9000 mm
Approach / Departure angles	7°/7°
GVW (max legally permitted weight depends on local legislation)	19000 kg
Max. Front axle load	7500 kg
Max. Rear axle load tec. admitted	13000 kg



3 door layout 23 seats & 1 wheelchair area
Seats 22 to 32



2 door layout 28 seats & 1 wheelchair area
Seats 27 to 37

Maximum passengers capacity: 111 +1
(depends on permitted weights according to local legislation)

TECTOR 7 EURO VI

Power @ 2500 rpm	210 kW (286 Hp)
Torque	1000 Nm @1250 rpm
Displacement	6,7 liters
6 cylinders in line, vertical transverse at the rear, Common Rail	

URBANWAY - 12 m Bus Low Floor - Cursor 9 Diesel EURO VI

BODY AND EXTERIOR EQUIPMENT

- Homologation Class I
- Steel construction with anti-corrosion treatment by cathoretic immersion
- Self – supporting structure made of 6 sections bolted together
- Roof panel in sheet metals; front and rear face in polyester
- Side panels in sheet aluminum
- Front and rear bumpers, lateral protection of lower panels in polyester
- Front, middle and rear doors with internal roto-translating pneumatic opening with full low floor access
- Access to rear engine compartment with 3 separate opening panels

INTERIOR EQUIPEMENT

- Passenger seats type Compin Perseus, SB09 or Ster 8MS
- Seats trimming : Plastic or fabric or fabric with foam
- Centre section of roof trim in polypropylene and roof opening panels in extruded aluminium
- Columns and handrails in epoxy paint or stainless steel
- Rear-view mirror for door controlling
- 6 kg fire extinguisher

ELECTRICAL EQUIPMENT

- Multiplex of the driveline and vehicle
- 24 V batteries 225 Ah mounted on a tray with or without manual battery cut-out
- 150+150 A Alternators
- Recharging socket and engine starting button
- Protection by thermal circuit breakers or thermal magneto
- Electrical load lightening device
- Sound system predisposition (without speakers and aerial)
- LED D.R.L. and side markers
- LED rear lighting block, optional elevated LED repeaters
- LED lighting of driver area and door accesses
- Passenger compartment lighting with left & right LED continuous lighting

WINDOWS/ THERMAL COMFORT

- TSA tinted or reflective windscreen
- TSA simple or double glazing tinted doors
- Tinted sliding driver's window
- Tinted or heat-shielding side windows
- Upper part of side windows fixed, tilting or sliding, with lock
- Thermal insulation of side walls and roof panel
- Thermal and sound insulation of engine compartment
- De-icing of windscreen and the driver's window
- Floor heating by 2 (1 plinth and 1 heater unit) or 4 (2 plinths and 2 heater units)

DRIVER COMPARTMENT

- EBSF compliant driver area
- Elevated driver position (2 steps)
- Adjustable steering wheel and dashboard in height and inclination
- Front or upper left air intake
- Upper driver's luggage compartment (motorbike helmet size)
- ISRI Fully adjustable driver air suspension seat
- 6 outlets for driver HVAC

Optional:

- Lowering device
- External pneumatic sliding doors (except front door)
- 800 mm manual or electrical wheelchair access ramp
- Wheel covers on front wheels

Optional:

- Front fog lamps
- LED indirect ceiling lighting

Optional:

- Manual or electric powered roof hatches, glass or opaque
- Air conditioning on the roof with or without reheating function
- Additional 30kW diesel powered heat generator

Optional:

- Driver door with anti-aggression collapsible window
- 60° rotation of driver seat
- De-icing and electric powered left and right external mirror

ENGINE

- Hi-eSCR after treatment system
 - Diesel Oxidation Catalyst
 - Diesel Particulate Filter
 - Selective Catalytic Reduction of NOx with urea
 - Clean Up Catalyst
- Diesel filter heater
- Fire detection of engine compartment

GEARBOX

- Automatic gearbox ZF Ecolife or VOITH Diwa 6 with SENSOTOP
- 3 or 6 touch gearbox selector

REAR AXLE

- Inverse double reduction rear axle ZF AV 132*) With speed limiter

FRONT AXLE/ STEERING

- Independent wheels front axle R175U
- Worm-type steering ZF type 8098 with integrated power steering

SUSPENSION

- Full air suspension with self-leveling sensor, kneeling, raising / lowering

COMPRESSED AIR

- Dual cylinder air compressor 630 cm³ (pressure 10 bar)
- Air dryer & oil capture
- Manual bleeding valves on the air tanks, inflation taps

BRAKES

- Pneumatically-controlled service brake, front and rear disks brakes
- EBS, A.B.S. with A.S.R.
- Dual independent circuits front and rear
- Parking brakes : low air pressure warning system on the rear brakes
- Electric operating brake

RETARDER

- Hydraulic speed limiter incorporated into the gearbox and linked to the service brake

FUEL TANK AND UREA TANK

- 230 or 300 liters of diesel and 55 liters of urea, right hand side filling next to front door.

TYRES AND WHEELS

- 275/70 R22.5, 148/145J or 150/145J (suits up to 7.5 T front axle load)
- With or without maintenance

Optional

- Exhaust pipe on the roof
- Oil change by suction device
- Centralized filling (water and oil)
- Fire extinguisher with water fog spray

Engine	TECTOR 7 (286 HP)	
Ratio (ZF)	VOITH D854.6	ZF 6AP 1200
16x37	90 km/h*	
19x37	100 km/h*	100 km/h*
21x38		100 km/h*

IVECO
BUS