

U R B A N W A Y



12 m Bus Low Floor – CNG EURO VI

Length	12000 mm
Width	2500 mm
Height (With/without A/C)	3301 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)	20000 kg
Max. Front axle load	7500 kg
Max. Rear axle load tec. admitted	13000 kg
Engine	Cursor 8 CNG Euro VI 213 kW (290 hp)



Layout 23 seats & 1 wheelchair area

Seats 22 to 32



Layout 28 seats & 1 wheelchair area

Seats 28 to 37

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URBANWAY - 12 m Bus Low Floor – CNG EURO VI

BODY AND EXTERIOR EQUIPMENT

- Homologation Class I
- 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 panel in polyester
- Front; middle and rear doors with internal roto-translating pneumatic opening with full low floor access
- Anti-corrosion treatment by cathoretic immersion
- Access to rear engine compartment with 3 separate opening panels

Optional:

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

INTERIOR EQUIPEMENT

- Passenger seats type Compin SB09, 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
- 140 A + 80 A Alternators (optional 140 + 140 A + 80A – only with A/C)
- 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 sidemarkers
- 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

Optional:

- Front foglamps, with or without cornering light function
- LED indirect ceiling lighting
- LED halo ceiling 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
- Ventilation of driver area with or without air-conditioning
- 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)

Optional:

- Manual or electric powered roof hatches
- Air conditioning on the roof with or without reheating function
- Additional driver heater
- Additional 30kW diesel powered heat generator
- Air extraction

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)
- Fully adjustable driver air suspension seat
- 6 outlets for driver HVAC

Optional:

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

ENGINE

Power @ 2000 rpm	213 kW (290 hp)
Torque	1100 Nm @1100 rpm
Displacement	7,8 litres

- Fire detection of engine compartment

Optional:

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

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
- Standard axle ratio 18 x 35

Engine	CURSOR 8 CNG	
	Ratio (ZF)	
16 x 37	—	82 km/h
18 x 35	72 km/h	97 km/h
20 x 36	78 km/h	100 km/h
23 x 37	87 km/h	—

FRONT AXLE/ STEERING

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

SUSPENSION

- Full air suspension with self-levelling sensor

COMPRESSED AIR

- Dual cylinder air compressor 630 cm³ (pressure 10 bar) "ENERGY SAVING"
- 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

Optional:

- Manual control

FUEL TANKS

- 4 CNG 3 OR CNG 4 type Bottles longitudinally mounted of 320 l each (1280 l total capacity)
- Filling inlet under specific hatch on right side at rear.

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

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