

U R B A N W A Y



18 m Bus Low Floor - Cursor 9 Diesel EURO VI

Length	17910 mm
Width	2500 mm
Height (With/without A/C)	3066 mm
Wheelbases	5355 / 6675 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	1 200 mm
Wall-to-wall turning radius	11 750 mm
Kerb-to-kerb turning radius	10 247 mm
Approach / Departure angles	7°/7°
GVW (max legally permitted weight depends on local legislation)	29 100 kg
Max. Front axle load	7500 kg
Max. Middle axle load	11 500
Max. Rear axle load tec. admitted	13 000 kg
Engine	Cursor 9 Euro VI 265 kW (360 hp) 294 kW (400 hp)



Layout 39 seats & 1 wheelchair area

Seats 30 to 49



Layout 34 seats & 1 wheelchair area

Seats 31 to 44

Maximum passengers capacity: depends on permitted weights according to local legislation

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URBANWAY - 18 m Bus Low Floor - Cursor 9 Diesel 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 cathophoretic 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 – 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 4 (2 plinth and 1 heater unit) or 6 (3 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

CURSOR 9 EURO VI		
Power @ 2500 rpm	265 kW (360 hp)	294 kW (400 hp)
Torque	1680 Nm @ 1100 rpm	1700 Nm @ 1200 rpm
Displacement	8,7 litres	
6 cylinders in line, vertical transverse at the rear, Common Rail		

- Hi-eSCR after treatment system
 - Diesel Oxydation Catalyst
 - Diesel Particulate Filter
 - Selective Catalytic Reduction of NOx with urea
 - Clean Up Catalyst
- Diesel filter heater
- 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 9 (360 & 400 HP)	
Ratio (ZF)	VOITH D854.6	ZF 6AP 1402B
18 x 35	85 km/h	90 km/h*
20 x 36	91 km/h	90 km/h*

*) 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-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 TANK AND UREA TANK

- 350 litres of diesel and 90 litres 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

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