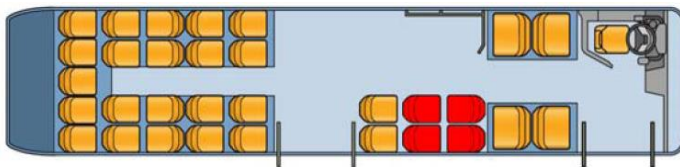


## 12 m CITY BUS – 2 & 3 doors – Cursor 9 Diesel Euro VI



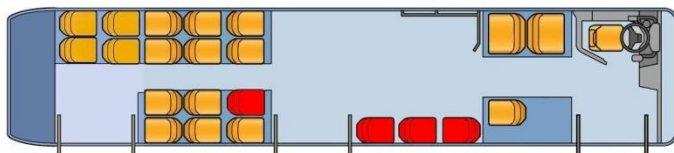
Layout 31 seats & 1 wheelchair space



23 to 37

Maxi\* = 96 + 1

\*depends on the equipments and EC regulations



Layout 26 seats & 1 wheelchair space



20 to 32

Maxi\* = 96 + 1

### GENERAL FEATURES

Length	12 000 mm
Width	2 500 mm
Height	3 075 mm
Wheelbase	6 120 mm
Front/ Rear Overhang	2 710 / 3 170 mm
Front/ Rear Track	2 087 / 1 869 mm
Front/ rear internal height (2 doors)	2 389 mm
Front/ rear internal height (3 doors)	2 389 mm
Front/ Middle/ Rear door access eight	320 / 330 / 340 mm
Front/ Middle/ Rear door width	1 200 mm
Wall-to-wall turning radius	10 785 mm
Kerb-to-kerb turning radius	9 000 mm
Approach / Departure angles	7°/7°
GVW *	19 000 kg
Max. Front axle load	7 500 kg
Max. Rear axle load	13 00 kg

\*max legally permitted weight depends on local legislation



228 kW (310 hp)

265 kW (360 hp)

Euro 6

## ► BODY AND EXTERIOR EQUIPMENT

- 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
- Wheel covers on front wheels
- Access to rear engine compartment with 3 separate opening panels

### Optional

- Kneeling on right side
- Lowering device
- External pneumatic sliding doors (except front door)
- 800 mm manual or electrical wheelchair access ramp

## ► INTERIOR EQUIPMENT

- Passenger seats type Compin SB09, Ster8MS
- Seats trimming : Plastic or fabric or fabric with foam
- Floor covering in PVC with anti slip particles
- Side trim in laminate
- Rear and side trim in polyester
- Centre section of roof trim in polypropylene and roof coving in extruded aluminium
- Columns and handrails into epoxy paint or stainless steel
- Rear-view mirror for door controlling
- 6 kg fire extinguisher

## ► ELECTRICAL EQUIPMENT

- Multiplexing on the driveline and vehicle
- 24 V batteries 225 Ah mounted on a tray with or without manual battery cut-out
- 140 + 80 A Alternators (optional third alternator 80 A – only with A/C)
- Recharging socket and engine starting
- Protection by thermal circuit breakers or thermal magneto
- Electrical load lightning device
- Sound system predisposition (without speaker and antenna)
- LED Flasher, DRL 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 fog lamps, with or without cornering light function
- LED indirect ceiling lighting
- LED halo ceiling lighting
- Front, right and rear LED indicators panels

## ► WINDOWS/ THERMAL CONFORT

- 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 at driving area with or without air-conditioning
- De-icing of windscreen and the driver's window
- Air extraction
- 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
- Separate 35 litre tank for diesel heat generator (right hand filling)

## ► DRIVING POSITION

- 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 (suits helmet size)
- Fully adjustable driver air suspension seat

### 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 FLURO 6		
Power	228 kW(310 hp) @2 200 rpm	265 kW(360 hp) @ 2 200 rpm
Torque	1 300 Nm @ 1100	1680 Nm @ 1200 rpm
Displacement	8.7 litres	
6 cylinders in line, vertical transverse at the rear		

- 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 with TOPODYN 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	228 kW (310 hp) @ 2200 rpm	
Ratio (ZF)	VOITH D854.6	ZF 6AP 1402B
18 x 35	85 km/h	90 km/h* <small>(*with speed limiter)</small>
20 x 36	92 km/h	90 km/h*
23 x 37	100 km/h*	100 km/h*

Engine	265 kW (360 hp) @ 2200 rpm	
Ratio (ZF)	VOITH D864.6	ZF 6AP 1702B
18 x 35	79,3 km/h	90 km/h* <small>(*with speed limiter)</small>
20 x 36	92 km/h	90 km/h*
23 x 37	100 km/h*	100 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 cm<sup>3</sup> (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, Anti-block system 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

- 300 or 250 litres of diesel and 40 litres of urea, right hand side filling next to front axle

## ► TYRES AND WHEELS

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