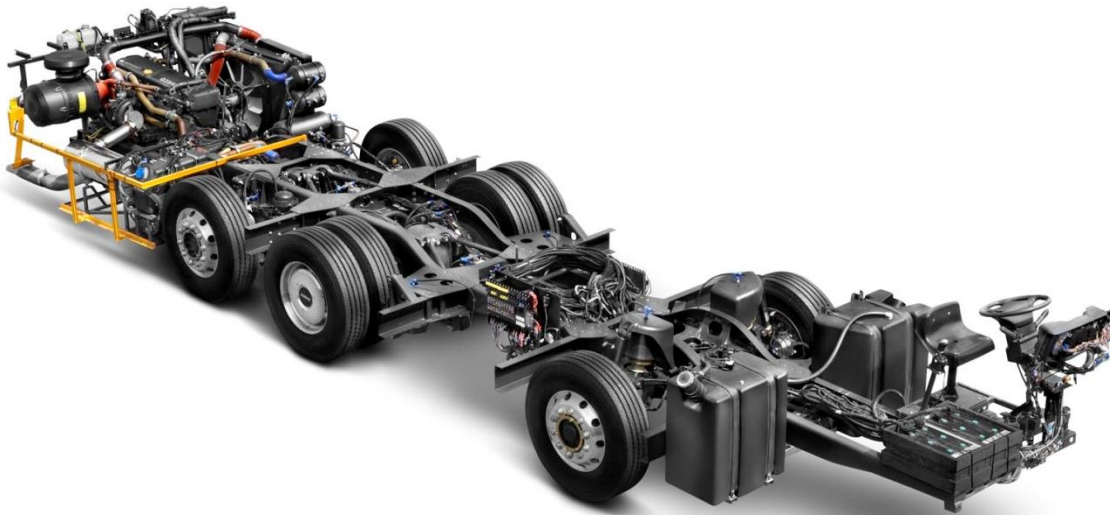
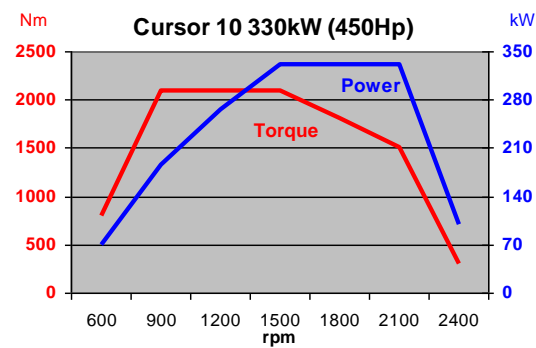
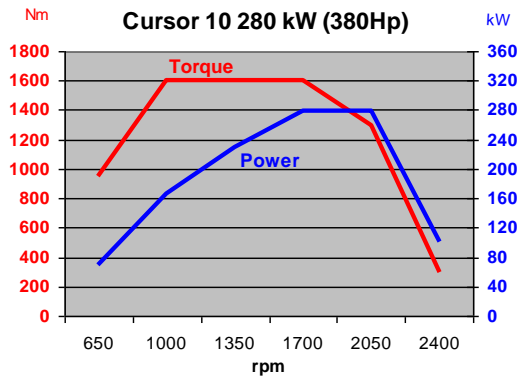


E U R O R I D E R

6x2 – Chassis for 12-15m Tourist Coach – CURSOR 10 Diesel EURO IV / V



Chassis Length	10020 mm (*)
Chassis Width	2498 mm
Chassis Height	1783 mm
Wheelbase	3000 / 1450 mm (*)
Front / Rear Overhang	2640 / 2930 mm
Front / Rear Tread (steel rim)	2035 / 1814 mm
Max overhang angles	>7°
Max Bodied Length	13200 - 15000 mm
Max Bodied Width	2500 - 2550 mm
Bodied Wheelbase	6150 to 7150 mm
Max Angle Inner Wheel	55°
Max Slope	>18°
GVW (max legally permitted weight depends on local legislation)	19000 kg
Max. Front axle load	7100 kg
Max. Rear axle load technically admitted	12000 kg
Max. Tag axle load	5500 kg



CURSOR 10 EURO IV / V	
Power	280 kW (380 hp) or 330 kW (450 hp)
Torque	1600 Nm @ 1250 rpm or 2100 Nm @ 1080 rpm
Displacement	10,3 liters
6 cylinders in line, vertical longitudinally at the rear	

**IVECO
BUS**

(*) Short version for transport, can be bodied on wheelbases from 5900mm to 6900mm

6x2 – Chassis for 12-15m Tourist Coach – CURSOR 10 Diesel EURO IV / V

ENGINE

- Type IVECO CURSOR 10 mounted longitudinally at rear
- VGT Turbocharged (air-air) with intercooler, water cooled, 4 stroke Diesel cycle

- Electronically-controlled injection pump
- 6 cylinders in line, 4 valves by cylinder
- Decompression engine brake
- Bore X Stroke 125 x 140 mm
- Total Displacement 10 308 cm³
- Max. power output 280 kW (380 hp) or 330 kW (450 hp)
- Max. torque 1600 Nm or 2100Nm
- Measured in accordance to standard 88/195/EC
- Gassy emissions comply with CE 88/77*2001/27A
- Euro 4 Standards

Radiator and fan located on the rear overhang on the left-hand side in a longitudinal position; hydrostatic operation

Cruise control; integrated with speed limiter

Gear driven power steering compressor and pump with recirculating ball power steering

Double cartridge fuel filter. Fuel pre-filter with manual pump and water separator

Large capacity air filter with blockage warning

Manual start and cut-out in engine compartment

GEARBOX

- **VOITH 864.5 (Automatic)** (for 380hp version only)

• 1st 5,05:1 2nd 1,36:1 3rd 1,00:1 4th 0,73:1 Reverse 4,3:1

- **ZF 12 AsTronic 2001 (Robotized)** (for 450hp version only)

• 1st 1 : 12,326 5th 1 : 4,565 9th 1 : 1,629
 • 2nd 1 : 9,59 6th 1 : 3,552 10th 1 : 1,267
 • 3rd 1 : 7,435 7th 1 : 2,7 11th 1 : 1,000
 • 4th 1 : 5,784 8th 1 : 2,101 12th 1 : 0,778

Reverse 1 : 11,413 – 8,880

FRONT AXLE/ STEERING

- Independent Front Wheels ZF R175E designed for air suspension

REAR AXLE

- Single reduction stress-bearing axle, MC13-165.
- Tag axle rigid IVECO 5876 with driven wheels.

CHASSIS

In stress bearing steel

Constant width side members shaped above the front and rear axles, with reinforcements above and below welded to an adjustable central structure Suitable for modular bodies, with the possibility of setting the wheelbase from 6 150 mm to 7 150 mm.

FUEL TANK

- Fuel tank 2 x 250 l filling on right side

Optional

- Filling on constant oil level

PVB00/3287

- EURO 5 emissions

G6500/13459

TYRES AND WHEELS

- Steel rims 8,25x22,5
- Tyres 295//80 R22,5

SUSPENSION

Full Pneumatic. Continuous automatic set-up correction, regardless of load conditions

Standard suspension set-up for high bodied vehicles

Front axle:

2 air cushions, 2 dual-effects shock absorbers with leveling valve; each wheel unit fixed by lower/upper triangular reaction bars and one anti-roll bar

Rear axle:

4 air cushions, 4 dual-effect shock absorbers, one anti-roll bar and 2 leveling valves.

Parallelogram-shaped section for fixing the axle to the chassis, with 2 lower longitudinally-positioned reaction bars and 2 upper reaction bars in a "V" configuration

BRAKES

- Service and Emergency Brakes:

Dual circuits, one per axle

Foot brake acts on all wheels

Front & Rear axle: disc, pneumatic; braking surface area 816x2 cm²

Brake wear sensor on pads/linings – both axles

Emergency braking by division of 2 circuits

ABS+ASR

- Parking Brake:

Spring actuators on rear wheels, pneumatically controlled

Acts as an emergency brake if needed

Mechanical release in the event of failure

- Emergency brake:

Acts on that part of the service brake, front or rear, which is not affected by the failure

- Air system:

630 cm³ twin cylinder compressor

Operating pressure 8.5 bar

Air dryer with regulator; centrifugal decanter

3 x 25 liters tanks and 1 x 5 liters tank

20 liters tank with ZF AsTronic gearbox

- Retarder:

VOITHD 864.5 & ZF AsTronic: integrated in gearbox, foot-pedal controlled

DRIVE / STERING

Recirculating ball power steering, type ZF 8098

Steering wheel diameter 470 mm, adjustable for height and rake

ELECTRICAL EQUIPMENT

- Supply Voltage 24 V
- Batteries 2 x 12 V -220 Ah
- Starter motor 5,5 kW
- 2 Alternator 140 – 80 A (28 V)

Fuse protected circuits, electromagnetic battery cut-out, power socket in rear compartment, provision for preventing operation when the doors are open

Central switch for emergency control

Anti-corrosion, water/dust proof connecting elements.

Optional

- Aluminum rims **D7000/5900**

Optional

- Lowering/raising /kneeling suspension system

PVF30/3078

Tyres 295/80 R 22,5	Gearbox
Rear axle ratio	VOITH 864.5
4,11	140 km/h
4,63	124 km/h
5,29	109 km/h

Tyres 295/80 R 22,5	Gearbox
Rear axle ratio	ZF AsTronic
3,08	171 km/h
3,36	157 km/h

Optional

**IVECO
BUS**

- Fuel tank cap with fast opening lock **LPA00/3214**