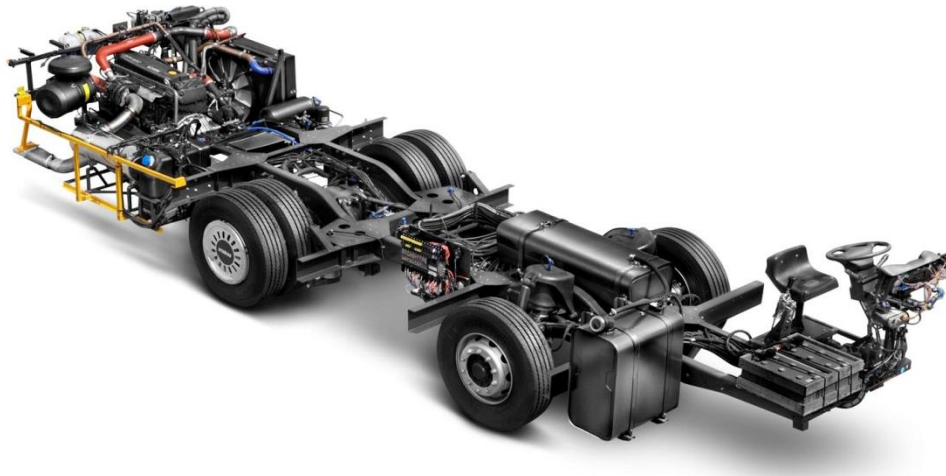
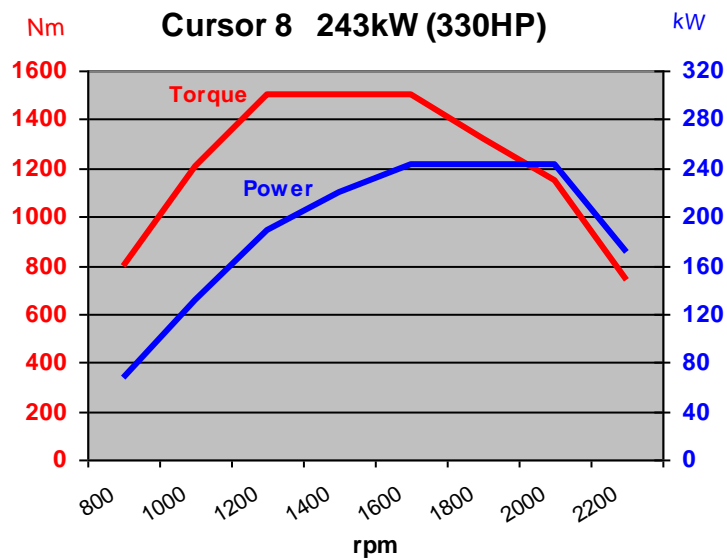


E U R O R I D E R

4x2 – Chassis for 12-13m City, Intercity & Tourist Coach – CURSOR 8 Diesel EURO IV / V



Chassis Length	8620 mm (*)
Chassis Width	2486 mm
Chassis Height	1783 mm
Wheelbase	3000mm (*)
Front / Rear Overhang	2340 / 3280 mm
Front / Rear Tread (steel rim)	2035 / 1814 mm
Max Angle Inner Wheel	55°
Max overhang angles	>7°
Bodied Length	11400 / 13000 mm
Bodied Width	2500 / 2550 mm
Bodied Wheelbase	5900 / 6900 mm
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



CURSOR 8 EURO IV / V	
Power	243 kW (330 hp)
Torque	1500 Nm @1080 rpm
Displacement	7,8 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

4x2 – Chassis for 12-13m Intercity & Tourist Coach – CURSOR 8 Diesel EURO IV / V

ENGINE

- Type IVECO CURSOR 8 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 115 x 125 mm
- Total Displacement 7 790 cm³
- Max. power output 243 kW (330 hp)
- Max. torque 1500 Nm 1080 – 1920 rpm
- Gassy emissions comply with Euro 4 Standards (88/77*2005/55*2005/78/CE)

Radiator and fan located on the rear overhang on the left-hand side; 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

• ZF 6S 1600

- 1st 7.72:1 2nd 4.42:1
- 3rd 2.66:1 4th 1.79:1
- 5th 1.28:1 6th 1.00:1
- Reverse 7.1:1

Tyres 295/80 R 22,5	gearbox
Rear axle ratio	ZF 6 S 1600
3,07	130 km/h
3,21	125 km/h
3,42	117 km/h

FRONT AXLE/ STEERING

- Independent Front Wheels ZF RL75E designed for air suspension.

REAR AXLE

- Single reduction stress-bearing axle

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 5 900 mm to 6 900 mm.

FUEL TANK

- Fuel tank 2 x 230 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 air suspension. 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 1 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:
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 liter tanks and 1 x 5 liter tank
- Retarder:
ZF 6S-1600: Telma electromagnetic or Intarder hydraulic
Engine brake (available only with Telma)

ELECTRICAL EQUIPMENT

- Supply Voltage 24 V; Batteries 2 x 12 V -220 Ah.
- Starter motor 4,5 kW; 2 Alternators 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.

DRIVE / STERLING

LHD or RHD driver's position .Recirculating ball power steering, type ZF 8098
Steering Wheel diameter 470 mm, adjustable for height and rake

Optional

- fuel tank 2 x 350l
LNA00/3171
- Fuel tank cap with fast opening lock **LPA00/3214**

IVECO BUS

Optional

- Aluminum rims
D7000/5900

Optional

- Lowering/raising /kneeling suspension system
PVF30/3078