

CREALIS

12 • 18 m LOW FLOOR BUS - CURSOR 9 DIESEL HYBRID EURO VI STEP E

IVECO
BUS
Drive the road of change



| | | |
|--|----------------------------------|------------------|
| Length | 12,567 mm | 18,477 mm |
| Width | 2,500 mm | |
| Height | 3,164 mm | |
| Wheelbase (front / rear) | 6,120 mm | 5,355 / 6,675 mm |
| Front / rear overhang | 3,197 / 3,250 mm | |
| Front / rear track | 2,087 / 1,870 mm | |
| Front / rear internal height | 2,378 mm | |
| Front / middle / rear door access height | 320 / 330 / 340 mm | |
| Front / middle / rear door width | 1,200 mm | |
| External turning circle | 11,120 mm | 12,002 mm |
| Internal turning circle | 4,046 mm | 4,941 mm |
| Kerb-to-kerb turning radius | 8,982 mm | 10,243 mm |
| Approach / departure angles | 7.4° / 7° | |
| Max. Legal permissible gvw ¹ | 20,000 kg | 30,000 kg |
| Max. Permissible front axle load | 7,245 kg / 7,500 ² kg | |
| Max. Permissible middle axle load | n.a | 11,500 kg |
| Max. Permissible rear load ¹ | 13,000 kg | 13,000 kg |

CURSOR 9 DIESEL EURO VI

| | | |
|-------------------|-----------------------|----------------------|
| | 12 m | 18 m |
| Power at 2200 rpm | 228 kW (310 hp) | 265 kW (360 hp) |
| Max. Torque | 1,300 Nm @ 1,100 rpm | 1,650 Nm @ 1,200 rpm |
| Displacement | 8,710 cm ³ | |

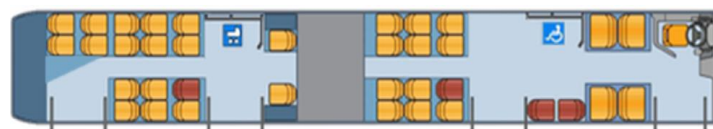
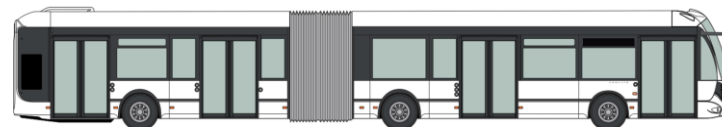
6 cylinders in line, longitudinal at the rear, Common Rail

Layout 12 m



20 to 31 seats ³ (3 doors)
27 to 36 seats ³ (2 doors)

Layout 18 m



29 to 46 seats ³ (4 doors)
36 to 51 seats ³ (3 doors)



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BODY AND EXTERIOR EQUIPMENT

- 2 doors (10-12 m) and 3 doors (18 m) configuration
- Vehicle Type M3 Class 1 (Eu type approval)
- ECE R107 and R66 compliant
- Steel construction with anti-corrosion K.T.L. treatment
- Self – supporting structure made of 6 (12 m) or 10 (18 m) panels bolted together
- Roof panel in metals sheet; front and rear face in polyester
- Modular side panels in aluminum sheet
- Front and rear bumpers, lateral lower panels in polyester
- Doors with inward opening, with manual ramp at second door
- Access to rear engine compartment with 3 separate opening panels

INTERIOR EQUIPEMENT

- STER passenger seats
- Seats trimming plastic
- Puschair space combine with UFR area
- Roof center finishing: polyurethane, roof air channels: extruded aluminium
- Painted handrails or stainless steel
- 6 kg fire extinguisher on dashboard
- 7 (12 m) or 11 (18 m) stop buttons and 1 stop box on front

ELECTRICAL EQUIPMENT

- Full electrical multiplexing system
- 2 batteries 225 Ah mounted on a sliding tray
- Alternators: 1 x150 A
- NATO plug for battery loading
- Thermal circuit-breakers, disruptors, and manual battery circuit-breaker
- LED for DRL, side markers, rear lighting block, driver area and door accesses
- Alternated LED roof lighting

CONNECTIVITY & DIGITAL

- Proactive maintenance, remote diagnosis and remote software upgrade
- IVECO ON portal providing driving style evaluation, vehicle and fleet monitoring

WINDOWS/ THERMAL COMFORT

- TSA tinted windshield, driver's window , side windows and doors
- Manual sliding driver's window
- Tinted side windows
- Tilting or sliding upper part windows
- Thermal insulation of the bodywork
- Thermal and sound insulation of engine compartment
- Ventilation of driver area
- De-icing of windshield and driver's window by frontbox blowers
- Floor heating by 2 (12 m), 4 (18 m) heaters

DRIVER'S COMPARTMENT

- EBSF compliant driver cockpit with elevated driver position (2 steps)
- Electromagnetic driver's door lock
- Adjustable dashboard on steering wheel column
- Upper driver's facilities (motorbike helmet size)
- 4 orientable air ducts for driver thermal comfort
- Driver seat with air suspension: ISRI 6860/885 (875 with belt), on turntable

OPTIONAL

- Pneumatic or electrical doors
- External sliding doors (except front door)
- Electrical wheelchair access ramp
- Full wheel covers
- Lateral lowered windows

OPTIONAL

- Seats in fabric or fabric with foam
- Other seats suppliers upon request

OPTIONAL

- Thermal magnetic fuses or electrical battery circuit-breaker
- 2x150 A alternators
- Front foglamps
- Upper LED rear lights
- 2 LED continuous raws roof lighting
- LED indirect roof lighting
- Fenwick plug for battery loading

OPTIONAL

- Onboard telematics screen
- Fleet management: Web API TiGR, Verizon Connect
- Minimum and Advanced ITxPT

OPTIONAL

- Electrically remote driver's window
- Dark tinted side windows
- Roof-mounted A/C unit
- Electrically activated roof hatches
- A/C reheating unit
- Independent heater programmable (30 kW)
- Additional heaters (1 or 2)
- Air extractors: 2 (12 m), 3 (18 m)
- Double glazed windows

OPTIONAL

- Driver door full closing
- De-icing and electric powered external mirrors
- Camera mirrors

ENGINE

- Engine installed longitudinally
- Exhaust pipe on the roof
- After treatment system
- Automatic engine fire detection and extinguisher with water
- Centralized filling (water and oil)

GEARBOX

- Automatic gearbox VOITH Diwa NXT (7 gears)
- 3 or 6 touch gearbox selector

MILD HYBRID EQUIPMENT

- 48V electric motor: 25kW continuous, 35kW peak / 300 Nm
- 48V Lithium battery: 1 kWh
- Battery and cooling group modules located at the back of the roof

REAR AXLE

- Lowered rear axle ZF AV 133 EP
- Axle Ratio: 5.76 – 2 1 x 38 - AV133 – 87°/7.5°
- Max speed allowed without speed limiter: 100 km/h

FRONT AXLE/ STEERING

- Independent suspensions R175
- Worm-type steering Bosch with integrated power steering

SUSPENSION

- Full air suspension with self-levelling sensor , kneeling, raising function

COMPRESSED AIR

- Dual cylinder air compressor 630 cm³
- Air dryer & oil separator
- Steel air tanks 4x30 l (12 m); 6x30l (18 m)

BRAKES

- Pneumatically-controlled service brake, front and rear disks brakes
- E.B.S. (A.B.S. with A.S.R.)
- Dual independent circuits front and rear
- Parking brakes : low air pressure warning system
- Hill Holder (FAA)

RETARDER

- Hydraulic speed limiter incorporated into the gearbox and linked to the service brake

FUEL AND UREA TANKS

- 250 litres of diesel and 50 litres of urea tanks, right hand side filling next to front door

TYRES AND WHEELS

- Type: 275/70 R22.5, 148/145 J

OPTIONAL

- Exhaust pipe toward ground

OPTIONAL

- Axle Ratio 6.20 - 19 x 37 - AV133 – 87°/7.5°

OPTIONAL

- Manual control retarder

OPTIONAL

- 300 litres diesel tank

OPTIONAL

- Other tire sizes and brands