

CREALIS

LOW FLOOR CURSOR 9 CNG HYBRID Euro VI/E GSR B – 12m and 18m

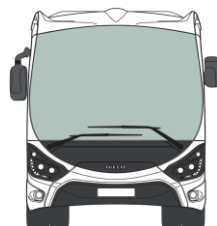
IVECO
BUS
Drive the road of change



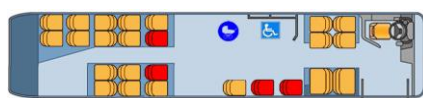
12 m CNG 3 doors



18 m CNG 4 doors

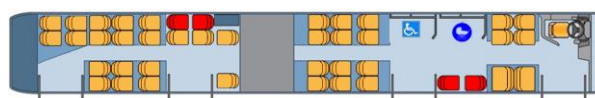


Layout 12m



20 to 31 seats³ (3 doors)
27 to 36 seats³ (2 doors)

Layout 18m



29 to 46 seats³ (4 doors)
36 to 51 seats³ (3 doors)

	12m	18m
DRIVELINE		
Engine	CURSOR 9 CNG EURO VI/E	
Power	228 kW (310 hp)	265 kW (360 hp)
Torque	1,300 Nm @ 1,100 rpm	1,640 Nm @ 1,100 rpm
Displacement	8,710 cm ³	
	6 cylinders in line, longitudinal at the rear	
DIMENSIONS		
Overall length	12,567 mm	18,477 mm
Front overhang	2,723 mm	
Rear overhang	3,250 mm	
Wheelbase	6,120 mm	5,355 / 6,675 mm
Overall width	2,500 mm	
Overall height	3,300 / 3,327 mm ⁴	
Inside headroom (front part/rear part)	2,378 mm	
1st step height Front / Middle / Rear door	320 / 330 / 340 mm	
Width of front / center / rear doors	1,200 mm	
Front / Rear track	2,087 / 1,870 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 angle	7,4°/7°	
WEIGHT		
Max. authorized front axle weight	7,245 kg / 7,500 ² kg	
Max. authorized middle axle weight	n.a.	11,500 kg
Max. authorized rear axle weight	13,000 kg	13,000 kg
Max. authorized GVW	20,000 kg	30,000 kg

¹ Max depending on registration country

² Specific Tires

³ + 1 (12 m) or 2 (18 m) wheelchair / pushchair area

⁴ CNG 3 / CNG 4

LOW FLOOR CURSOR 9 CNG HYBRID Euro VI/E GSR B – 12m and 18m

BODY AND EXTERIOR EQUIPMENT

- 2 doors (12 m) and 3 doors (18 m) configuration
- Vehicle Type M3 Class 1 (European 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 prepared van in the 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
- FENWICK plug for battery loading
- Thermal circuit-breakers, disrutors, 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
- Air suspended driver seat: 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
- 6 kg fire extinguisher

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

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 (10-12 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
- Aftertreatment system and exhaust pipe on the roof
- Centralized filling (water and oil)
- Automatic engine fire detection system

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 RI75
- Worm-type steering Bosch with integrated power steering

SUSPENSION

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

COMPRESSED AIR

- Dual cylinder air compressor 630 cm³
- Air dryer & oil separator
- Steel air tanks 4x30 l (10-12 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 with low air pressure warning system
- Hill Holder (FAA)

RETARDER

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

GAZ TANKS

- 10-12m: 4 lengthwise bottles 1280L CNG3
- 18m: 4 lengthwise + 2 crosswise bottles 1610L CNG3
- NGV1 Rear right hand side filling

ADAS GSR B

- Moving off information system MOIS,
- Blind spot information systems (BSIS) right side
- Intelligent speed assistant (ISA)
- Reverse detection
- Driver drowsiness and attention warning (DDAW)
- Tyre Pressure monitoring system (TPMS)
- Alcohol testing standard interface
- Secure gateway

TYRES AND WHEELS

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

OPTIONAL

- Exhaust pipe toward ground
- Centralized filling (water and oil)

OPTIONAL

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

OPTIONAL

- Manual control retarder

OPTIONAL

- 12m: 4 lengthwise + 2 crosswise 1610L CNG3
- 12m: 4 lengthwise bottles 1360L CNG4
- 18m: 4 lengthwise + 4 crosswise bottles 1940L CNG3
- NGV2 or NGV1+NGV2 filling

OPTIONAL

- Blind spot information systems (BSIS) right and left side

OPTIONAL

- Other tire sizes and brands