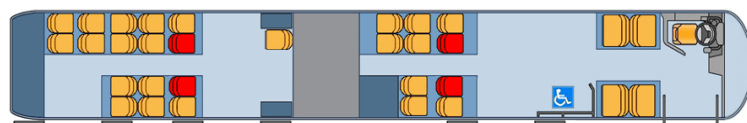


C R E A L I S



18 m Bus Low Floor - Cursor 8 CNG EURO VI



Layout 31 seats & 1 wheelchair area
Seats 28 to 44

Length	18395 mm
Width	2500 mm
Height	3301 mm
Wheelbases	5355 / 6675 mm
Front / Rear overhang	3195 / 3170 mm
Front / Rear track	2087 / 1971 mm
Internal height	2378 mm
Front / Middle / Rear door access height	320 / 330 / 340 mm
Front / Middle / Rear door width	1200 mm
Wall-to-wall turning radius	11884 mm
Kerb-to-kerb turning radius	10154 mm
Approach / departure angles	7° / 7°
GVW (max legal permissible weight depending on registration country)	30000 kg
Max. permissible front axle load	7500 kg
Max. permissible middle axle load	11500 kg
Max. permissible rear axle load	13000 kg

CURSOR 8 CNG EURO VI

Power at 2500 rpm	243 kW (330 hp)
Max. torque	1300 Nm at 1200 rpm
Displacement	7,8 litres
6 cylinders in line, vertical transverse at the rear, Common Rail	

IVECO
BUS

CREALIS - 18 m Bus Low Floor - Cursor 8 CNG EURO VI

BODY AND EXTERIOR EQUIPMENT

- Homologation Class I
- Steel construction with anti-corrosion treatment by cathaphoretic immersion
- Self – supporting structure made of 6 sections bolted together
- Roof panel in sheet metals; front and rear face in polyester
- Modular side panels in aluminum sheet
- Front and rear bumpers, lateral protection of lower panels in polyester
- All low floor doors with internal roto-translating pneumatic opening
- Access to rear engine compartment with 3 separate opening panels
- ECE R 107 compliant

DESIGN PACKAGE

- Front face Crealis with long streamline
- Patented wheel covers
- Lowered windows
- Translucent bellow

INTERIOR EQUIPEMENT

- Passenger seats type Compin Perseus, SB09 or Ster 8MS
- Seats trimming : plastic or fabric or fabric with foam
- Roof panels: polyurethane in center, extruded aluminium at side
- Columns and handrails in epoxy paint or stainless steel
- 6 kg fire extinguisher

ELECTRICAL EQUIPMENT

- Multiplex of the driveline and vehicle
- Batteries 225 Ah mounted on a sliding tray
- Alternators: 140 A + 80 A or 2 x 140 A + 80 A
- Recharging socket and engine starting button
- Protection by thermal circuit breakers or thermal magneto
- Electrical load lightening device
- Sound system predisposition (without speakers and aerial)
- LED for DRL, sidemarkers, rear lighting block, driver area and door accesses
- LED continuous lighting at left and right for passenger compartment

WINDOWS/ THERMAL COMFORT

- TSA tinted windscreen, driver's window , side windows and doors
- Driver's window with sliding part
- Flushed and, tinted or heat absorbing, side windows
- Upper part of side windows fixed, tilting or sliding, with or without lock
- Thermal insulation of side walls and roof panel
- Thermal and sound insulation of engine compartment
- Ventilation (with or without A/C) of driver area
- Front or upper left air intake
- De-icing of windscreen and driver's window
- Floor heating by 4 heaters (incl. 2 plinth unit) or 6 heaters (incl. 3 plinths units)

DRIVER COMPARTMENT

- EBSF compliant driver area with elevated driver position (2 steps)
- Electromagnetic driver's door lock and cash drawer
- Adjustable dashboard and steering wheel column in height and inclination
- Upper driver's luggage compartment (motorbike helmet size)
- 6 outlets for driver thermal comfort (incl. 4 orientable outlets)
- ISRI fully adjustable driver seat with air suspension, integrated headrest and lumbar support with or without 60° rotation

Optional :

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

Optional :

- Personalised roof trim centre section
- Asisted docking device
- LED indirect ceiling lighting

Optional :

- Rear-view mirror for door controlling
- Translucent folding articulation

Optional :

- Manual or electric battery cut-out
- Front foglamps
- Elevated LED rear lighting repeaters
- Internal alternated LED lighting

Optional :

- Manual or electric powered roof hatches, glass or opaque
- Roof-mounted air conditioning with or without reheating function
- Additional 30kW heat generator
- Air extractor
- Doubled glazing windows
- Infra-red reflective windscreen

Optional :

- Driver door with anti-aggression collapsible window
- De-icing and electric powered external mirrors

ENGINE

- Exhaust pipe toward ground or on the roof
- After treatment system
- Fire detection of engine compartment

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
- Max speed allowed without speed limitator: see table

FRONT AXLE/ STEERING

- Independent wheels front axle RI75U
- Worm-type steering ZF type 8098 with integrated power steering

SUSPENSION

- Full air suspension with self-levelling sensor , kneeling, raising / lowering

COMPRESSED AIR

- Dual cylinder air compressor 630 cm3 (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
- E.B.S., A.B.S. with A.S.R.
- Dual independent circuits at 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

GAZ TANK

- 10 longitudinal bottles of CNG 3 (1550 litres) or CNG 4 (1540 litres), with rear right hand side refilling point.

TYRES AND WHEELS

- 275/70 R22.5, 148/145J or 150/145J (suits up to 7.5 T front axle load)

Optional :

- Oil change by suction device
- Centralized water and oil filling
- Fire extinguisher with water fog spray

Engine	CURSOR 8 CNG	
Gearbox	VOITH	ZF
Ratio		
16 x 37	69 km/h	80 km/h
18 x 35	81 km/h	90 km/h
20 x 36	87 km/h	100 km/h

Optional :

- Manual control

Optional :

- Maintenance