

Vivacity 9



#ioquidoitaliano



TECHNICAL SPECIFICATIONS

VIVACITY 9

| VEHICLE FEATURES | |
|--|--|
| Vehicle category and class | Allround ultra-low walking surface, Category M3, Class I |
| KINEMATIC CHAIN | |
| Position | Rear Transverse |
| Vaccine | FPT FPT NEF 6 DIESEL |
| Emissions level | Euro VI |
| Number of cylinders | 6 |
| Displacement (cc) | 6.728 |
| Maximum power (kW) | 184 |
| Maximum torque (Nm) | 950 |
| Transmission | Automatic transmission ZF Ecolife 6 Speed + Reverse, Integrated hydraulic retarder |
| TREATMENTS | |
| Minimum turning diameter (wall-to-wall in mm) | 16.558 |
| Maximum negotiable gradient (%) | 18 |
| Maximum speed (km/h) | 95 |
| STRUCTURE | |
| Framing | High-quality S 355 J0 steel in a lattice of closed rectangular tubes |
| Anti-corrosion treatment | Full immersion cataphoretic treatment |
| SUSPENSION | |
| Suspensions | Pneumatic with electronic control, Kneeling and automatic trim adjustment |
| Front axle | Independent front wheel type ZF RL 82 EC |
| Rear axle | OERLIKON GRAZIANO BRA 81 DC80 with dual reduction inverted portal |
| BRAKING SYSTEM AND DRIVING SYSTEM | |
| Front and rear brakes | Pneumatic system, disc on all wheels, automatic wear recovery |
| Steering equipment | BOSCH 8098 power steering, height and inclination adjustable steering wheel with pneumatic control |
| CAPACITY | |
| Maximum permissible mass (kg) | 16.000 |
| Fuel tank capacity (l) | 225 liters |
| DIMENSIONS | |
| Vehicle length (mm) | 9.350 |
| Vehicle width (mm) | 2.350 |
| Height (mm) | 3.040 |
| Front overhang (mm) | 2.030 |
| Rear overhang (mm) | 2.620 |
| Pitch between 1st and 2nd axis (mm) | 4.700 |
| Passenger compartment internal height max (mm) | 2.320 |
| Door step height (mm) | 312 / 312 / 325 |
| Front/rear overhang angle (°) | 8 / 7 |
| WHEELS AND TYRES | |
| Front tire and rim dimensions | 275/70 R 22,5 7,5 X 22,5 Single |
| Rear tire and rim dimensions | 385/55 R 22,5 7,5 X 22,5 Double |
| ELECTRICAL SYSTEM | |
| Battery (Voltage & Capacity) | 2x12V - 200 Ah |
| Alternators (Current & Voltage) | 2x90 Ah - 28V |
| Electronic system | Multiplex with programmed logic - Integral CAN BUS on-board network |
| PASSENGER CAPACITY | |
| Total passenger capacity (ECE R107)* | 68 |

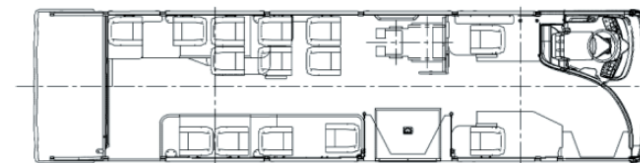
*passenger capacity depends on required configuration

MAIN STANDARD AND OPTIONAL CONFIGURATIONS

| EXTERIOR | | AIR CONDITIONING | |
|---|-----|---|---|
| 2/3 Doors | S | Driver seat heating and adjustable passenger compartment heating by separate electronic control | S |
| LED daytime running lights | S | Driver seat cooling and adjustable passenger compartment cooling by separate electronic control | S |
| Fog lights with cornering function *** | O | Unit Heaters and Linear Convectors for supplementary heating | O |
| Electrically adjustable and heated door mirrors | S | Programmable preheater integrated into the electrical system | O |
| Side windows with sliding opening (1/3 of height) | S | | |
| Side windows with flap opening (1/3 of height) | O | | |
| Athermic side crystals in grey | S | | |
| More tinted side windows | O | | |
| Heated driver's window | O | | |
| Heated front door leaf | O | | |
| Pastel colour bodywork | S | | |
| Bodywork with custom livery | O | | |
| INTERNALS | | DRIVING SEAT | |
| Non-slip mat with turn-up along the side walls (160 mm) | S | Fabric seat (automatic pneumatic adjustment) | S |
| Painted rails (colour to be specified) | S | Summer seat (automatic pneumatic adjustment) | O |
| Stainless steel handrails | O | Separate driver's cabin | S |
| Partition walls for door compartments in tempered glass | S | Totally separate driver's cabin | O |
| Passenger stop request system | S | Roller blind to the left of the driver's seat | S |
| Internal LED lighting | S | Roller blind in front of the driver's seat | S |
| | | Roller blind in front of the driver's seat | O |
| ON-BOARD TECHNOLOGICAL SYSTEMS | | PASSENGER SECTION | |
| Arrangement provision/Installation of LCD or LED route indicators** | O/O | Padded passenger seats | O |
| Arrangement provision/Installation of ticket validation and/or issue machines** | O/O | Disabled persons station with folding seats | S |
| Arrangement provision/Installation of passenger counting system ** | O/O | Manually operated central door folding ramp | S |
| Arrangement provision/Installation of CCTV system (2nd and 3rd door + rear view camera)** | O/O | USB sockets on hand rails | O |
| Arrangement provision/Installation of video surveillance system** | O/O | Roof hatch (manually operated) | S |
| Arrangement provision/Installation of stop announcement sound system** | O/O | Electrically operated roof hatch with automatic closure | O |
| Arrangement provision/Installation of AVM system** | O/O | | |
| Arrangement provision/Installation of user information system** | O/O | | |
| Arrangement provision/Installation of onboard wireless connectivity system (Wi Fi Router) | O/O | | |
| MP3 Player + USB Radio | O | | |
| | | SAFETY | |
| | | Electronic Stability Control | S |
| | | Electro-pneumatic brake system (EBS) | S |
| | | Automatic stop brake with movement lock | S |
| | | Anti-lock braking system (ABS) | S |
| | | Anti Slip Regulation system (ASR) | S |
| | | Rear stabiliser bar | S |
| | | Fire prevention system | S |
| | | Audible reverse signal | S |
| | | Rear parking sensors | O |
| | | TPMS | O |

** adaptable to customer requests

*** only in conjunction with ESC



14 SEATS - 2 DOORS

