

Vivacity 8



TECHNICAL SPECIFICATIONS

VIVACITY 8

VEHICLE FEATURES	
Vehicle category and class	Allround ultra-low walking surface, Category M3, Class I
KINEMATIC CHAIN	
Position	Rear Transverse
Vaccine	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)	14.918
Maximum negotiable gradient (%)	20
Maximum speed (km/h)	80
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)	13.850
Fuel tank capacity (l)	180 liters
DIMENSIONS	
Vehicle length (mm)	8.000
Vehicle width (mm)	2.350
Height (mm)	3.040
Front overhang (mm)	2.030
Rear overhang (mm)	1.890
Pitch between 1st and 2nd axis (mm)	4.080
Passenger compartment internal height max (mm)	2.320
Door step height (mm)	312 / 312
Front/rear overhang angle (°)	8 / 8
WHEELS AND TYRES	
Front tire and rim dimensions	275/70 R 22,5 7,5 X 22,5 Single
Rear tire and rim dimensions	275/70 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)*	54

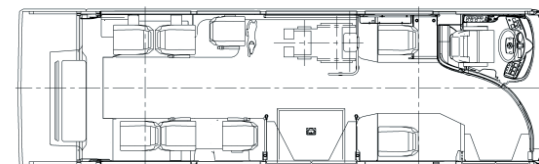
*passenger capacity depends on required configuration

MAIN STANDARD AND OPTIONAL CONFIGURATIONS

EXTERIOR		AIR CONDITIONING	
2 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



11 SEATS - 2 DOORS

