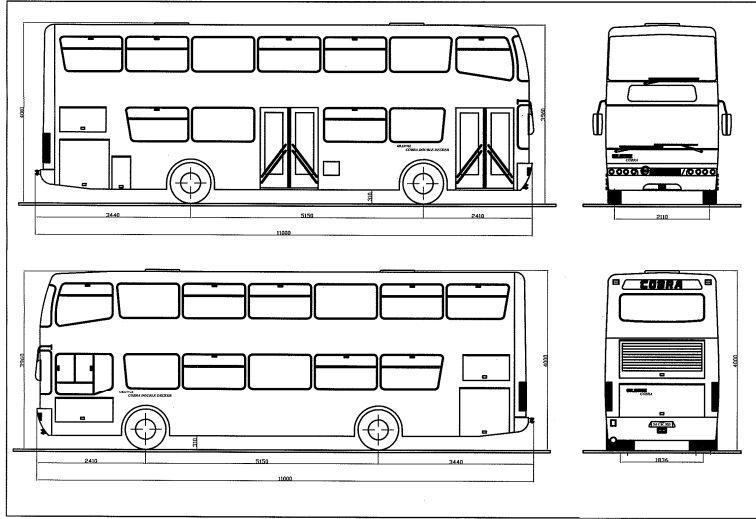


## TECHNICAL SPECIFICATION OF LOW FLOOR DOUBLE DECKER BUS

### A-DESIGN:

GÜLERYÜZ COBRA DOUBLE DECKER city bus is designed for transportation of passengers under urban conditions of operation.



### B- OVERALL DIMENSIONS (mm)

Length	11000
Width	2500
Height	4000
Wheel base	5150
Front track	2024
Rear track	1822
Front overhang	2410
Rear overhang	3440
Inside height of 1st floor	1800
Inside height of 2nd floor	1690
First step height	360
Approach angle	8° 19'
Departure angle	7° 58'

### C- ENGINE:

Made	: MERCEDES	DAF
Type	: OM 936 LA	PR-228
No of cylinders	: 6 - in line	6 - in line
Total displacement	: 7.700 cm <sup>3</sup>	9.200 cm <sup>3</sup>
Emission standard	: Euro 6	Euro 5
Max. power	: 220 kW-(300 Hp)	265 kW-(360 Hp)
Peak torque	: 1200 Nm 1200–1600 rpm	1275 Nm 1200–1700 rpm

### D- COOLING SYSTEM

Radiator, Intercooler, Oil Heat Exchanger
Hydraulic fan driving system and Hydraulic pump

### E- PERFORMANCES:

Maximum climbability at GVW	: 25%
Maximum speed of vehicle at GVW	: 100 km/h

### F- TRANSMISSION:

Made	: ZF ECOLIFE
Type	: 6 AP XXXX Automatic transmission

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### G- AXLES:

Front Axle	:	ZF RL 82 EC type independent bus axle for low floor applications.
Rear Axle	:	ZF AV 132 type, with centre drive offset to the side, double reduction rigid bus axle.
suspension	:	ZF components

### H- STEERING SYSTEM:

8090 servocom ZF type left hand drive, integrated spherical joints and hydraulic power assisted system.

### I- PASSENGER CAPACITY

Driver + maximum 62 passenger

### J- TYRES AND RIMS

Tyres	:	275 /70R 22,5 (6+1)
Rims	:	8,25 x 22,5

### K- WEIGHTS and TANK CAPACITY:

GVW	:	17800 kg
Death weight of vehicle	:	12700 kg
Front axle capacity	:	8500 kg
Rear axle capacity	:	13000 kg
Fuel tank	:	300 Lt
Ad blue tank	:	45 Lt

### L- ELECTRICAL SYSTEM:

Voltage	:	24V
Battery	:	2 x 12V 240 A/h
Generator	:	28V/150A (x2)

### M- STANDARD AND OPTIONAL EQUIPMENT

Radio/CD/Mp3	S
Security camera and Mobil DVR	S
Multiplex system	S
Refrigerator (Under staircase)	S
Sliding driver's window	S
Air suspension driver's seat	S
Additional heating for the driver area	S
Bus stop push buttons with sign in upper deck	S
Stainless steel handrails (30 mm)	S
urban type passenger seats	S
One staircases for upper deck	S
Luxury type heated rear view mirrors	S
7" screen and camera system for monitoring the upper deck and rear of bus	S
19" screen LCD monitor (x2)	S

**TECHNICAL SPECIFICATION OF LOW FLOOR DOUBLE DECKER BUS**

Manual wheelchair platform 2nd door	S
Door remote control system	S
Digital clock, first aid case, fire extinguishers	S
Tool box and tools, hydraulic jack	S
ABS-ASR	S
ECASS / ELC	S
Kneeling system	S
Digital tachograph	S
Air conditioner	S
Pre-heater+automatic time-controlled switch for pre heaters with digital display	S
Digital route and destination board front (LED)	O
Luxury type seats with handles, rigid, and upholstered with fabrics	O
Back rest support and belt for the wheelchair area	O
Metallic paint	O
	<i>Standard/Optional</i>