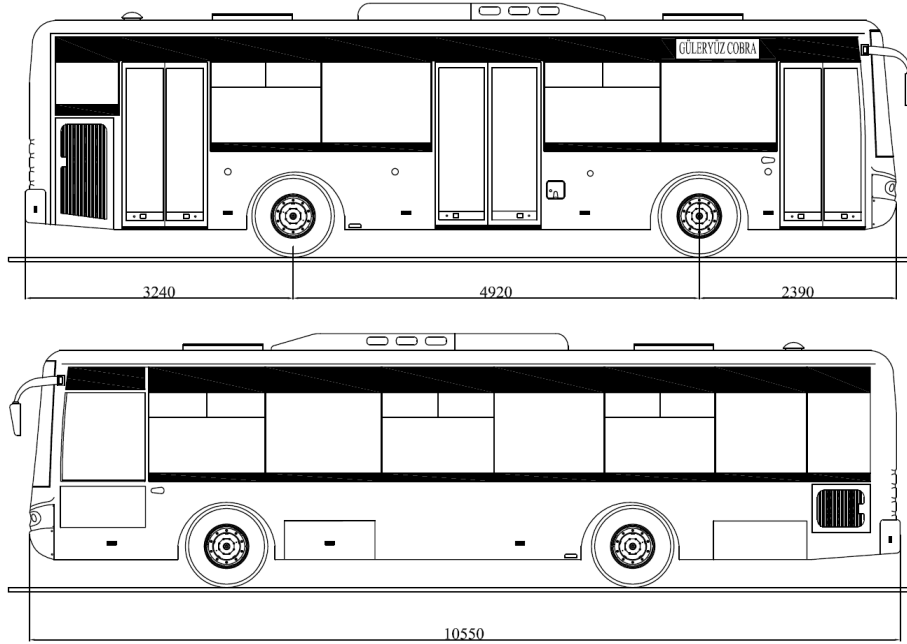


## TECHNICAL SPECIFICATION OF COBRA GM 220 LF LOW FLOOR CITY BUS

### A-DESIGN:

GÜLERYÜZ COBRA GM 220 LF low floor city bus is designed for transportation of passengers under urban conditions of operation.



B-OVERALL DIMENSIONS (mm)		
A	: Length	10550
B	: Width	2500
C	: Height	2880
D	: Wheel base	4920
E	: Front track	2024
F	: Rear track	1822
G	: Front overhang	2390
H	: Rear overhang	3240
	First step height	360

### C- ENGINE:

Made	: MERCEDES	MERCEDES	CUMMINS
Type	: OM 936 LA	OM 926 LA	ISB6.7E5
No of cylinders	: 6 - in line	6 - in line	6 - in line
Total displacement	: 7.700 cm <sup>3</sup>	7.200 cm <sup>3</sup>	6.670 cm <sup>3</sup>
Emission standard	: Euro 6	Euro 5	Euro 5
Max. power	: 220 kW-(300 Hp)	210 kW-(286 Hp)	221 kW-(300 Hp)
Peak torque	: 1200 Nm 1200-1600 rpm	1120 Nm 1200-1600 rpm	1020 Nm 1200-1800 rpm

### D- COOLING SYSTEM

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

### E- PERFORMANCES:

Maximum climbability at GVW	: 32%
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, left hand drive, integrated spherical joints and hydraulic power assisted system.

### I- PASSENGER CAPACITY

Driver + 26 seats + 58 standee passenger capacity

### J- TYRES AND RIMS

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

### K- WEIGHTS and TANK CAPACITY:

GVW	:	16060 kg
Death weight of vehicle	:	10020 kg
Front axle capacity	:	8200 kg
Rear axle capacity	:	11500 kg
Fuel tank	:	240 Lt
Ad blue tank	:	35 Lt

### L- ELECTRICAL SYSTEM:

Voltage	:	24V
Battery	:	2 x 12V 220 A/h
Generator	:	28V/150A (x2)

### M- STANDARD AND OPTIONAL EQUIPMENT

Radio/CD/Mp3	S
Security camera and Mobil DVR	S
Multiplex system	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
City type heated rear view mirrors	S
7" screen and camera system for monitoring	S
19" screen LCD monitor (x2)	S
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

**TECHNICAL SPECIFICATION OF COBRA GM 220 LF LOW FLOOR CITY BUS**

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)	S
Back rest support and belt for the wheelchair area	S
Metallic paint	O
	<i>Standard/Optional</i>