



TECNOBUS

GULLIVER:
*LEGENDARY
GREEN
SINCE
1988*

OUS

GULLIVER:
*THE URBAN
BUS 100%
GREEN-MADE
IN ITALY*

GULLIVER: *LEGENDARY GREEN SINCE 1988*

Gulliver is the **first electric minibus** for local public transport **to hit the market**. Specifically designed for electric power as early as 1988, the first city fleet was introduced in 1994.

Gulliver **has been traveling through the most important European cities** and beyond for over 30 years, covering hundreds of millions of kilometers.





GULLIVER: *ARRIVES EVERYWHERE THERE'S ROOM FOR EVERYONE*

Gulliver is designed to optimize both exterior and interior spaces.

In just 5.32 meters in length, it can accommodate up to a maximum of 30 passengers in addition to the driver, who has plenty of space and a dedicated door. It is unique in the world with these features.



TECHNOLOGY AND INNOVATION

In its over 30 years of development, Gulliver has always kept pace with modern technologies, implementing solutions and developing innovations with the utmost attention to the usability of the vehicle for both passengers and drivers.

THE ACCESSIBILITY SETS US APART

Some fundamental choices were made in the development of Gulliver that distinguish it from other vehicles. One of these is the automatic standard platform, perfectly encapsulated in the frame and fully protected from potential impacts or damage. It can be manually extracted if needed, providing easy access for people with reduced mobility and for strollers or wheelchairs without requiring any effort from the driver.





SAFETY AND VISIBILITY

The focus on the driver is important for a work vehicle like Gulliver. That's why a dedicated driver's door has been designed, allowing access to a very spacious area, completely isolated from the passenger area, while maintaining total visibility through a transparent partition.

DESIGN AND EFFICIENCY

Gulliver's design, elegant and timeless, features a clean, smooth line that makes it easily recognizable in urban environments, integrating seamlessly and allowing a clear view of the cityscapes due to its extremely compact dimensions. The linearity of the profile also allows for easy customization with personalized liveries.




GULLIVER:

THE URBAN

BUS WITH

UNLIMITED RANGE



The background of the advertisement is a dynamic, abstract composition of numerous bright blue light trails. These trails vary in thickness and intensity, creating a sense of motion and energy. They appear to originate from various points and converge towards the center, with some trails forming a central, more defined shape that resembles a stylized human figure or a complex network. The overall effect is futuristic and high-tech, with a color palette ranging from deep navy blue to bright, glowing cyan.

Our Gulliver minibus has high performance due to its unlimited range with battery swapping in less than three minutes, thereby optimizing operating costs for short routes.

Simple to recharge: there is no need for a charging station. Our minibus has a dedicated charger and can be recharged in a very short time.

WITH A
3-MINUTE
SWAPPABLE BATTERY

NON-FLAMMABLE

TESTED FOR
TRAVEL FROM
-30° TO +50°

A white Gulliver van is shown in a factory or workshop setting. The van's rear battery pack is open, and a worker in a dark blue jacket and black pants is using a yellow pallet jack to move it. The van has blue text on the back that reads "ESTRAIBILE" and "100% RICICLABILE". The background shows other vehicles and industrial equipment.

GULLIVER:

*THE ONLY ONE IN
THE WORLD WITH A*

***100% RECYCLABLE
SWAPPABLE BATTERY***



TECNOBUS:
*TRAVELING INTO
THE FUTURE*
SINCE 1988



*THE ITALIAN
ANSWER TO
**SUSTAINABLE
SOCIAL
MOBILITY***

With over 30 years of operation, Tecnobus, the only company in the world with this long-standing activity in the electric public transport sector, represents the European leader in minibuses, with over 500 vehicles sold in Europe and beyond.

The only one in the world with more than 200 million kilometers of history. We are always determined to fully meet the growing expectations of public transport authorities and operators who want to reduce air pollution by turning to genuinely zero-emission buses.

Tecnobus's quality approach provides its customers with warranty commitments and manufacturing quality from the design stage, limiting CO2 emissions associated with transport.

Today, hundreds of minibuses are in operation worldwide.

*PROFESSIONALISM,
COMPETENCE,
EXPERIENCE,
AND PASSION*

The corporate philosophy of Tecnobus and the group to which it belongs is based on solid relationships of respect and collaboration among all team members and with the supply chain.

This leads to a natural drive for innovation and flexibility within the company, as well as a sense of pride that makes Tecnobus an Italian excellence.





Linea 1

CEH 15 01 101



TECNOBUS:
*TRAVELING INTO
THE FUTURE
SINCE 1988*



FIRENZE
1995



NAPOLI
2000

ALATRI
1994



LIVERPOOL
1998





GERMANIA
2005



MADRID
2007

COIMBRA
2003



QUÉBEC
2006



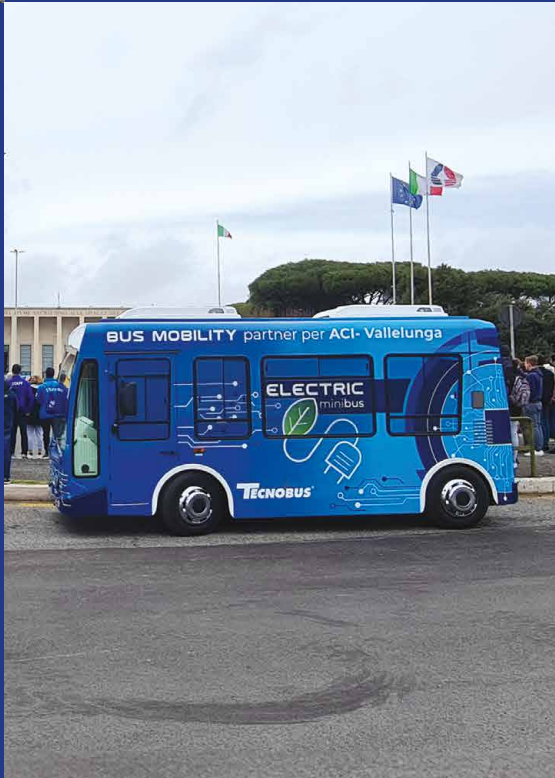


VALLELUNGA
2022



CASERTA
2024

ROMA
2010



LIPARI
2023



*A HISTORY WITH MORE THAN 500 MINIBUSES SOLD **WORLDWIDE***

Tecnobus produces an electric minibus designed for discerning users; it is a niche product of the highest quality. Our minibus is a concentration of innovations, combining performance with modern and elegant design and ample space for passenger comfort.

Our 100% green-made urban bus in Italy

- Great attention to the use of non-polluting and recyclable materials;
- Very high level of safety with the use of special batteries;
- Very low maintenance level.

“A concentration of innovations, combining performance with modern and elegant design”



TECNOBUS:
*SUSTAINABLE
MOBILITY AT
THE SERVICE
OF THE WORLD*



THE TECH SHEET:

TECHNICAL SPECIFICATIONS

VEHICLE TYPE

Vehicle Category and Class

Category M3, Class 1

Maximum allowable number of seats – a

Total without a wheelchair on board = 31

Maximum allowable number of seats – b

Total with a wheelchair on board = 24

Maximum allowable number of seats – c

Total without a wheelchair on board and with occupied jump seats = 25

FRAME

Welded boxed sheet metal with anticorrosion treatment, galvanically isolated

BODYWORK

Integral fiberglass semi-finished product

SUSPENSIONS

Self-leveling pneumatic on both axles

Front and rear: air springs and double-acting shock absorbers

BRAKES

Hydraulic disc brakes on all four wheels, operated by a dual-piston pedal pump.

Hydraulic system with two independent circuits, with power brake and ABS system.

Mechanical hand brake with pneumatic action, acting on the rear discs

PROPULSION SYSTEM

Drive Type

Full Electric Vehicle

Motor Type

Traction electric motor

Maximum Power (kW and hp)

32kW (43.5 hp) at 1900 rpm

Maximum Torque (Nm)

160 Nm (16.5 kgm) at 1900 rpm

Transmission

Mechanical, with driveshaft fitted with universal joints on the front axle, and electronic energy recovery system

PERFORMANCE AND ELECTRICAL SYSTEM

Maximum speed (km/h)	55 km/h
Maximum climbable gradient	16%
Turning radius	6300 mm
Range (km)	200 km *
Traction battery	Zebra Ni/NaCl 71,2 kWh 836 Ah
Charging	400Vac 12kW - Charging time 6 hours

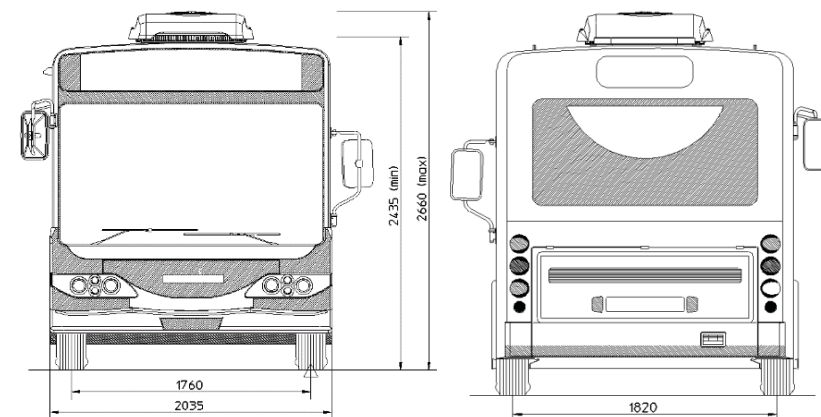
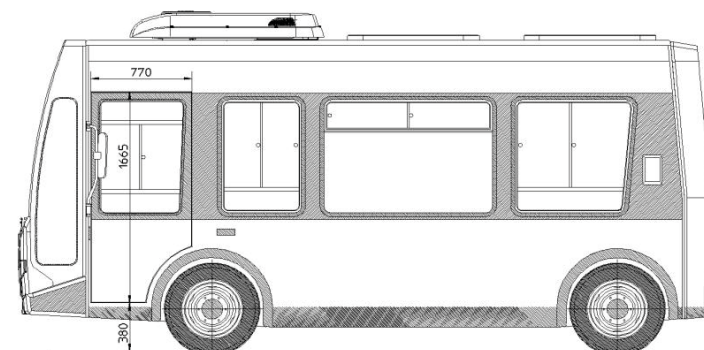
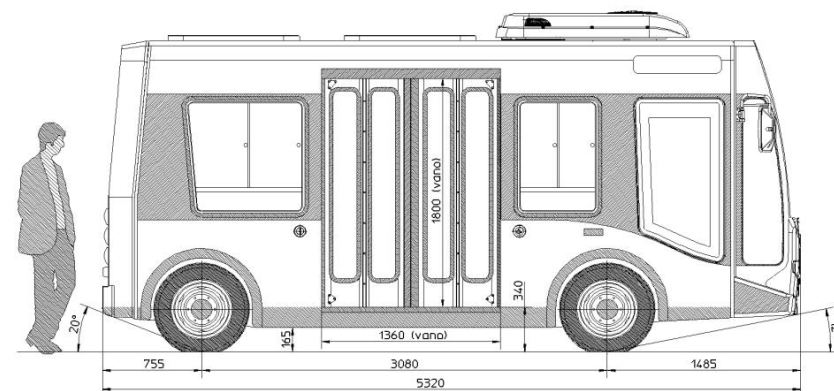
DIMENSIONS

Length (mm)	5320 mm
Width (mm)	2035 mm
Height (mm)	2660 mm
Front overhang	1485 mm
Rear overhang	755 mm
Wheelbase	3080 mm
Maximum curb weight (including driver):	3875 kg
Maximum gross vehicle weight (kg)	6250 kg

TIRES

Front tires	225/75 R 16C 121/120R
Rear tires	225/75 R 16C 121/120R

*Value may vary based on driving style, route characteristics, and operational utilities



THE TECH SHEET:

STANDARD EQUIPMENT AND FITTINGS

EQUIPMENT - EXTERIOR

LED high and low beam headlights
LED Daytime Running Lights
Dedicated driver's door
Electric wheelchair ramp
Emergency hatch on the roof
Second electrically operated roof hatch
Electric and self-defrosting mirrors
Heated driver's side windows

EQUIPMENT - INTERIOR

Manual sun visor (driver)
Anti-vandal passenger seats
Stainless steel handrails
Pneumatically adjustable steering wheel
Pneumatic driver's seat
Driver's coat hanger
Document holder
Driver's cabin separated from passengers
Driver's partition

TECHNICAL EQUIPMENT - TECHNOLOGY

12.3-inch digital display
ADICOM Multiplex I/O – can bus system
Electric parking brake Hill holder
(hill start assist)
Remote control and management
of traction battery
GPS
Auxiliary battery – 2x12V – 50 Ah
High-capacity 12 kW charger
Internet access infrastructure (Wi-Fi)
Charging cable, battery maintenance,
and traction battery heating
Fleet Management System for
Public Transport (Teq Monitoring)
Roof-mounted Passenger and Driver A/C
Electric heating for passengers and driver

TECHNICAL EQUIPMENT - SAFETY

Disc brakes
Front and rear brake pad wear sensors
ABS – (Anti-lock braking system)
Traction Battery Compartment
Fire Detection System
Passenger door crush prevention system
Reverse warning buzzer

THE TECH SHEET:

OPTIONAL EQUIPMENT AND FITTINGS

EQUIPMENT - EXTERIOR

3rd LED stop light
Rear obstruction lights
Driver's electrically operated window
Sliding passenger door
Custom lettering and/or adhesive bands

EQUIPMENT - INTERIOR

Cantilevered passenger seats
Stop request buttons on handrails

TECHNICAL EQUIPMENT - TECHNOLOGY

Peripheral vision system
360-degree peripheral vision system
CCTV system (MDR+7" monitor+3 cameras)
Reverse sensor
Rear-view camera
Additional traction battery
Air treatment system for disinfection
Stereo system with 4 speakers
External speaker
Gooseneck microphone + amplifier for driver
USB ports
Route indicator kit
Ticket validator
Passenger counting system
AVM system
Voice announcer + external speaker
+ internal next-stop indicator
Dual air conditioner
Mirror cameras
On-board passenger monitors

TECHNICAL EQUIPMENT - SAFETY

Defibrillators
Driver distraction and fatigue warning systems
Automatic fire suppression system
TPMS (Tire Pressure Monitoring System)
ALCOLOCK system for measuring blood alcohol level
ADAS (Advanced Driver Assistance System)



TECNOBUS



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Azienda Certificata NR. 2202007 BA 007 040013 1

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