



TECNOVE

*"Wherever you need us"*

# AMBULANCES



## TECNOVE

**TECNOVE** is a company founded and established in Herencia, Ciudad Real, that carries out its activity in different sectors. Its work and evolution are marked by quality, innovation and customer service.

Its main lines of business are:



### Vehicles

Design, manufacture and maintenance of bodyworks and special vehicles



### Containers

Design and manufacture of containers and shelters for all types of uses and activities



### CSC | Catering · Services · Construction

Construction of modular facilities, maintenance, cleaning, catering, etc



### Forestry management

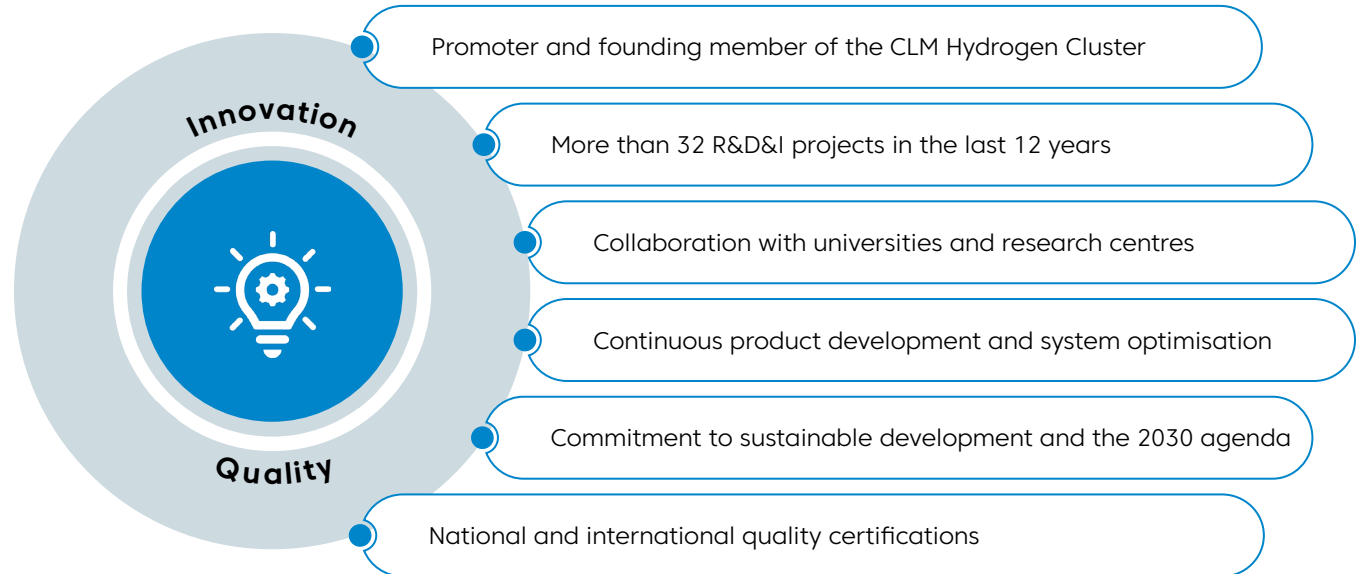
Advice and management of agricultural holdings. Forestry planning and operation

## TECNOVE

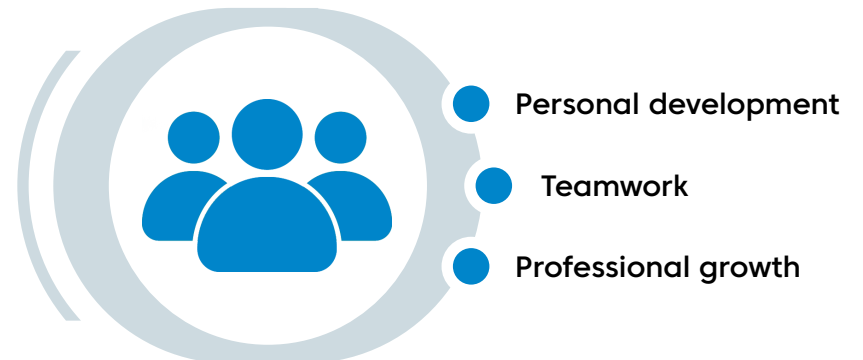
### BUSINESS GROUP

**TECNOVE** is part of a trade group made up of 10 companies that carry out their activities together in the **TECNOVE Business Group**.

This adds to the business lines image and furniture solutions, telecommunications, energy and remarketing.



**People,  
the epicentre  
of our culture  
and principles**







# Solutions in health & emergencies · Vehicles

**TECNOVE** offers health solutions to public and private companies and governmental institutions to guarantee **healthcare in any location**.

Its trajectory and experience in the field of healthcare focuses on the **manufacture, adaptation and conditioning of medical vehicles** in semi-trailers, chassis cabs, vans and cars, depending on the needs of the client and the destination of the unit. Among the full range of healthcare solutions offered by **TECNOVE**, the following vehicles are particularly noteworthy:

## Ambulances



## Emergency vehicles



## Mobile medical units



# Ambulances

TECNOVE has extensive experience in the **design, manufacture and equipment of different types of ambulances**, including **medicalised or assistance ambulances** (basic or advanced life support) and **non-assistance ambulances or ambulances for collective or individual transport**.

The ambulances, for civil or military use, can be manufactured on a 4x2 or 4x4 base vehicle. In addition, we have a maximum availability of medical devices, electrical and lighting installation and furniture.

The equipment and characteristics described below can be modified according to the customer's needs. Any additional or complementary equipment may also be requested.



TOYOTA

Toyota Land Cruiser  
Type A1



TOYOTA

Toyota Hiace  
Type A1



Mercedes-Benz

Mercedes Benz Sprinter  
Type A2

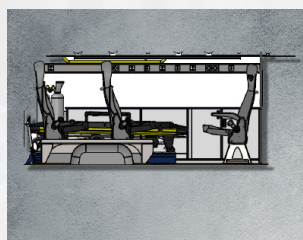


Mercedes-Benz

Mercedes Benz Sprinter  
Type B/C



Volkswagen Crafter  
Type B/C



TOYOTA

Toyota Hiace  
Type A1 en KIT



Mercedes-Benz

Mercedes Benz Sprinter  
Delfis S

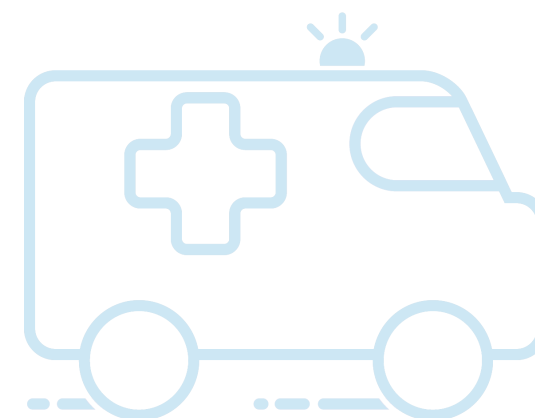


Mercedes-Benz

Mercedes Benz Sprinter  
Tigis N-20



Ford E-Transit L2H2  
Ford E-Transit







# Ambulance type A1

*Toyota Land Cruiser*

Designed for individual patient transport.





## Vehicle

Toyota Land Cruiser

### Base vehicle

Toyota Land Cruiser

### GVW

3200 Kg

### Technical / driver area

Separated

### Length

5070 mm

### Width

1770 mm

### Height

2638 mm

### Air conditioning

Front/Rear

### Furniture

Bench with storage capacity

### Interior furniture according to design

**FRGP or ABS material**

Antibacterial, resistant and lightweight





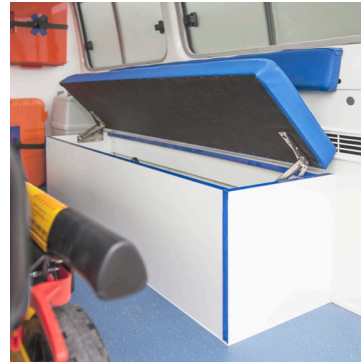


## Equipment

Toyota Land Cruiser

### Oxygen therapy

Pipeline, oxygen support



### Electrical installation

Light/rotational bridge, rear signalling, nano LED and siren



### Interior lighting

LED type



### Bench

Manual operation with customer-specific stretcher support



### Medical equipment

According to customer's request





## Quality standards

Toyota Land Cruiser



Vehicle  
certified by  
the destination  
country







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# Ambulance type A1

*Toyota Hiace*

Designed for individual patient transport.







## Vehicle

Toyota Hiace

### Base vehicle

Toyota Hiace

### GVW

3000 Kg

### Technical / driver area

Separated

### Length

4695 mm

### Width

1695 mm

### Height

1980 mm

### Air conditioning

Front/Rear

### Furniture

1 folding armchair, 1 wheelchair  
Bench with storage capacity

**Interior furniture according to design**  
**FRGP or ABS material**

Antibacterial, resistant and lightweight







## Equipment

Toyota Hiace

### Oxygen therapy

Pipeline, oxygen support

### Electrical installation

Light/rotational bridge, rear signalling,  
nano LED and siren

### Interior lighting

LED type

### Bench

Manual operation with customer-specific  
stretcher support

### Medical equipment

According to customer's request







## Quality standards

Toyota Hiace



Vehicle  
certified by  
the destination  
country







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## Ambulance type A2

*Mercedes Benz Sprinter*

Designed for the collective transport of patients, be possible to transport 5 patients plus a stretcher and/or wheelchair.





## Vehicle

Mercedes Benz Sprinter

### Base vehicle

Mercedes Benz Sprinter 4X2 or 4X4

### GVW

3500 Kg/3880 and over 4100 Kgs

### Technical area/driver

Separated

### Length

5932 mm

### Width

2020 mm

### Height

2638 mm

### Air conditioner

Front/Rear

### Furniture

5 folding seats (2 rotating)  
1 or 2 wheelchairs. 1 stretcher

### Interior furniture according to design:

Special material,  
highly resistant and lightweight







## Equipment

Mercedes Benz Sprinter

### Manual ramp

Light and easy to use

### Oxygen therapy

Pipeline, oxygen support

### Electrical installation

Based on UNE EN 1789:2020,

### Safety Signs

Light/rotational bridge, rear signalling,  
nano LED and siren

### Interior lighting

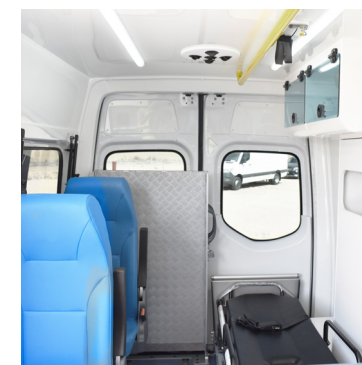
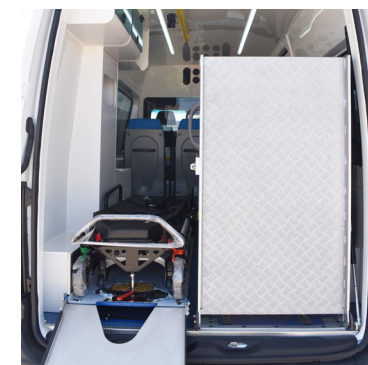
LED type

### Stretcher support

Manual operation with customer-specific  
stretcher support

### Medical equipment

According to customer's request







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## Quality standards

Mercedes Benz Sprinter



Standard  
UNE EN  
1789:2020







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## Ambulance type B/C

*Mercedes Benz Sprinter*

Manufactured with recyclable and environmentally friendly materials, as well as an aerodynamic design that reduces CO2 emissions.





## Vehicle

Mercedes Benz Sprinter

### Base vehicle

Mercedes Benz Sprinter 4X2 or 4X4

### GVW

3.500 Kg/3.880 and over 4.100 Kgs

### Technical area/driver

Separated

### Length

5932 mm

### Width

2020 mm

### Height

2638 mm

### Air conditioner

Front/Rear

### Furniture

Up to 3 folding seats (1 swivel) Stretcher

### Interior furniture according to design

Special material,  
highly resistant and lightweight







## Equipment

Mercedes Benz Sprinter

### Oxygen therapy

Pipeline, oxygen support

### Electrical installation

Based on UNE EN 1789:2020, with/ without touch screen. CAN-BUS system.

### Safety Signs

Lighting bridge (incorporated) and aerodynamic, front and rear signalling, nano LED and siren

### Interior lighting

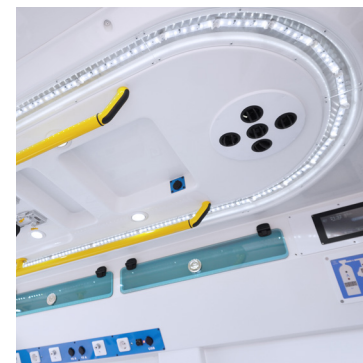
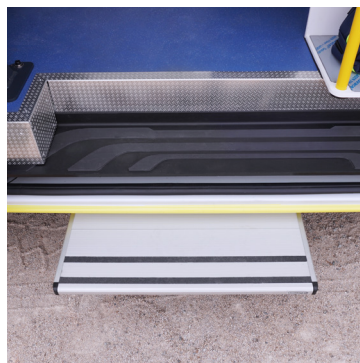
LED type

### Stretcher support

Manual or eletro-hydraulic operation with stretcher and spine board holder

### Medical equipment

According to customer's request





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## Quality standards

Mercedes Benz Sprinter



Standard  
UNE EN  
1789:2020







Optional · Signalling bridge

### **Valeris Special Model**

Aerodynamic design,  
manufactured by  
our German partner





## Commitment to innovation

Mercedes Benz Sprinter

### Modern, unique and elegant

Innovative roof-integrates signalling bridge with an aerodynamic design, made of recyclable ABS plastic.

### High brightness, increased safety

Thanks to its high-performance LED technology, the greater the distance, the more visible this lighting becomes, guaranteeing quality and safety for the worker

### Improved quality of work

Its flattened shape does not exert any force on the wind and therefore noise levels are reduced.

### Under consumption

Aerodynamic construction, reduced weight and lower air resistance provide considerable fuel savings and reduced CO2 emissions







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## Ambulance type B/C

Renault Master

Manufactured with recyclable and environmentally friendly materials.





## Vehicle

Renault Master

### Base vehicle

Renault Master 4X2 L3H2 & L3H2

### GVW

3.500 Kgs

### Technical area/driver

Separated

### Length

5575 mm L2H2 / 6225 mm L3H2

### Width

2070 mm

### Height

2499 mm L2H2 / 2488 mm L3H2

### Air conditioner

Front/Rear

### Furniture

Up to 3 folding seats (2 swivel) Stretcher

### Interior furniture according to design

Special material,  
highly resistant and lightweight







## Equipment

Renault Master

### Oxygen therapy

Pipeline, oxygen support

### Electrical installation

Based on UNE EN 1789:2020, with/ without touch screen. CAN-BUS system.

### Safety Signs

Lighting bridge (incorporated) and aerodynamic, front and rear signalling, nano LED and siren

### Interior lighting

LED type

### Stretcher support

Manual or eletro-hydraulic operation with stretcher and spine board holder

### Medical equipment

According to customer's request





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## Quality standards

Renault Master



Standard  
UNE EN  
1789:2020







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## Ambulance type B/C

*Volkswagen Crafter/MAN TGE*

Manufactured with 100% recyclable materials in order to contribute to the environment.







## Vehicle

Volkswagen Crafter/MAN TGE

### Base vehicle

Volkswagen Crafter/MAN TGE 4X2 or 4X4

### GVW

3.500 Kg/3.880 Kgs

### Technical area/driver

Separated

### Length

5986 mm

### Width

2040 mm

### Height

2355 mm

### Air conditioner

Front/Rear

### Furniture

2/3 folding seats (1 rotating)  
Stretcher

### Interior furniture according to design:

Special material,  
highly resistant and lightweight







## Equipment

Volkswagen Crafter/MAN TGE

### Oxygen therapy

Pipeline, oxygen support and intakes.

### Electrical installation

Based on UNE EN 1789:2020, with/ without touch screen. CAN-BUS system.

### Safety Signs

Lighting bridge (incorporated) and aerodynamic, front and rear signalling, nano LED and siren

### Interior lighting

LED type

### Stretcher support

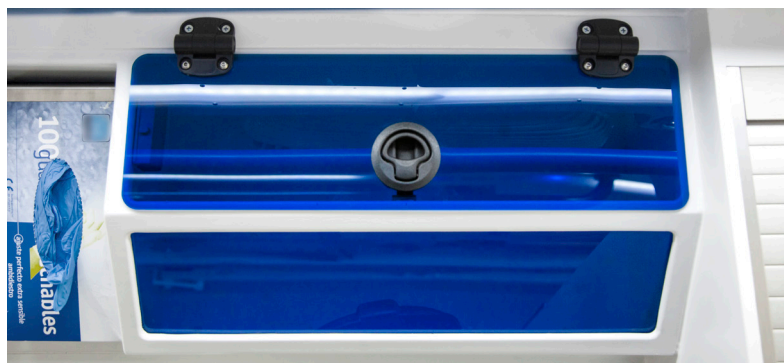
Manual or eletro-hydraulic operation with stretcher and spine board holder

### Medical equipment

According to customer's request

### Optional. Warning lightbar

Model Valeris. Aerodynamic design, together with our German partner: Ambulanz Mobile





## Quality standards

TECNOVE

Volkswagen Crafter/MAN TGE



Standard  
UNE EN  
1789:2020



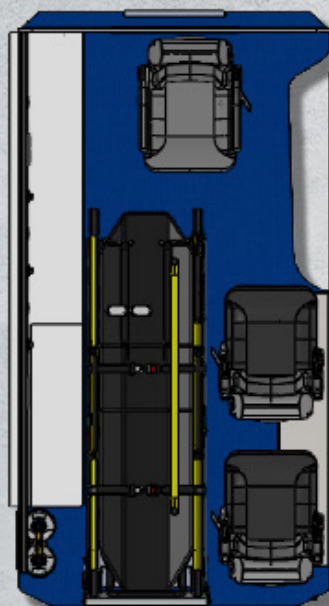
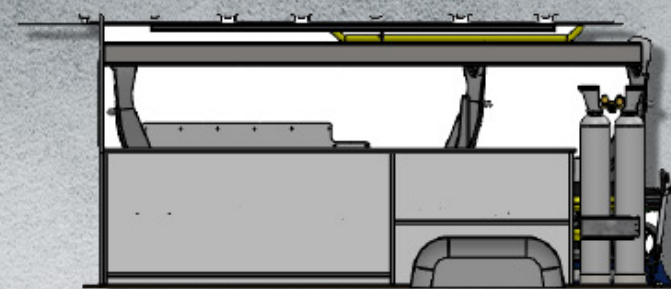
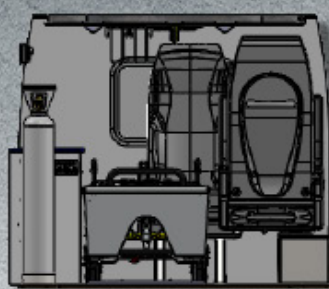
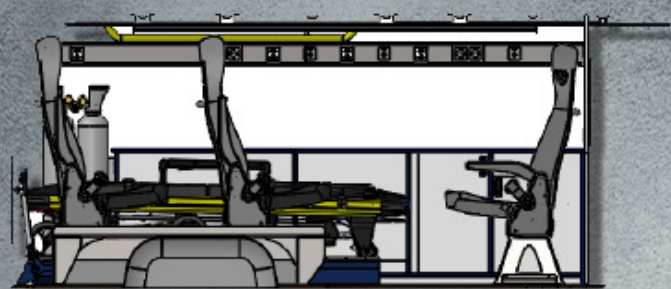




# Ambulance kit

*Toyota Hiace*

Specially designed ambulance kit tailor-made according to the interior dimensions of the Toyota Hiace.





## Vehicle

Toyota Hiace

### Adapted to base vehicle

Toyota Hiace

#### Ground

Wooden panel cut to size + galvanized sheet metal.

Finished with TARASAFE

Thermal and acoustic insulation

#### Roof

Custom-made in PVC with an insulating layer

### Front wall

White melamine board with Pommier window installation

### Side walls

Custom-made in PVC with an insulating layer

### Electrical Installation

Electrical installation of the assistance area totally independent from the electrical installation of the base vehicle

### Furniture

A tailor-made cabinets

Padded fixed seats

3 swivel seats for assistants

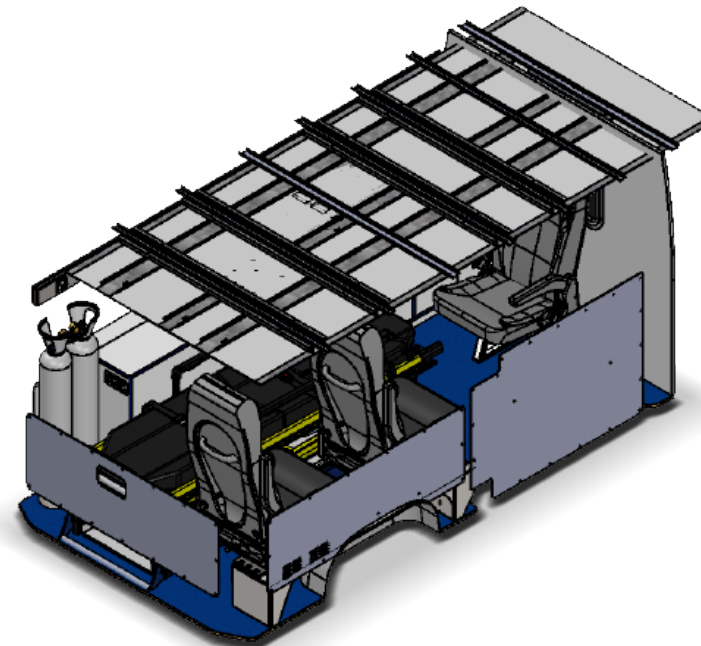
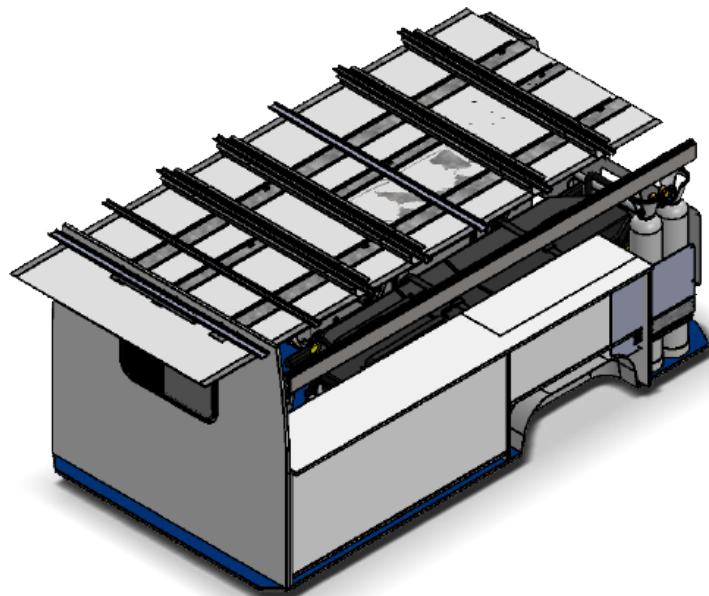
Oxygen tube clamps

Side door handle

Overhead tap installation

### Painting and signage

Exterior finish in original white color of the vehicle. Identification labeling of the unit and the customer







## Equipment

Toyota Hiace

### Perfusions

4 ceiling hangers

### Interior lighting

LED type

### Furniture

Placement and storage of medical devices and/or staff belongings

### Medical equipment

According to customer's request

### Windows

Covered with translucent film to prevent vision from outside or inside the assistance area





## Quality standards

Toyota Hiace



Vehicle  
certified by  
the destination  
country







# Ambulanz Mobile

**TECNOVE** has taken another step forward in its professional growth with a new commercial stage together with the German company **AMBULANZ MOBILE**, being its only supplier of ambulances in Spain, among which we highlight the models DELFIS S, TIGIS N20 and FORD E-TRANSIT with Standard UNE-EN 1789.

The logo consists of the word "TECNOVE" in white, uppercase, sans-serif font, centered within a blue rounded rectangle.



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# Delfis S

*Mercedes Benz Sprinter*

Prepared to face any mission thanks to its interior distribution that considerably facilitates the work.  
It has 20G certification, thus guaranteeing the safety of people.







## Vehicle

Mercedes Benz Sprinter

### Base vehicle

Mercedes Benz Sprinter 4X2 or 4X4

### Technical area/driver

Separated

### Interior height

Over 2000 mm

### Length

6167 mm

### Width

2415 mm

### Height

2730 mm

### Interior and furniture

#### ABS material:

Ergonomic design  
made of 100% recyclable  
ABS material





## Equipment

Mercedes Benz Sprinter

### Advantage of the roof design

Fuel consumption and wind noise reduction

### Exterior lighting

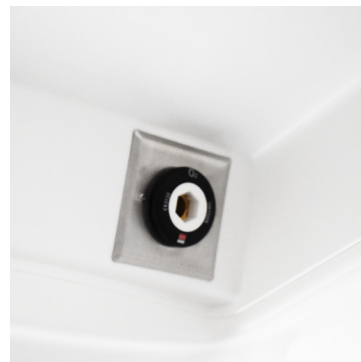
High-tech LED roof flashing and rear lights

### Interior lighting

State-of-the-art, easily removable  
integrated LED blue light technology

### Integrated functions control

Operation via easy-to-clean control panels







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## Quality standards

Mercedes Benz Sprinter



Standard  
UNE EN  
1789:2020





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# Tigis N-20

Mercedes Benz Sprinter

It stands out for the easy and quick change of the whole patient compartment, guaranteeing a reduction in costs.







## Vehicle

Mercedes Benz Sprinter

### Base vehicle

Mercedes Benz Sprinter 4X2 or 4X4

### Technical area/driver

Separated

### Interior height

2000 mm

### Length

6570 mm

### Width

2150 mm

### Height

2840 mm

### Interior and furniture

#### **ABS material:**

Ergonomic design  
made of 100% recyclable  
ABS material





## Equipment

Mercedes Benz Sprinter

### Aerodynamic design

Weight reduction that reduces fuel consumption up to 2,7%



### Side lift

Facilitation of working conditions of staff



### Roof structure

Aerodynamic, segmented and highly rigid



### A/C

Motion system that draws in and cools fresh air filtered from the outside



### Filter system

Enables the transport of highly infectious patients by purifying the air by 99.995%







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## Quality standards

Mercedes Benz Sprinter



Standard  
UNE EN  
1789:2020



 **Ambulanz<sup>®</sup>**  
Mobile





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# Ford E-Transit

Ford E-Transit L2H2

Electric ambulance made of reusable equipment and materials.

Standard UNE EN 1789:2020







## Vehicle

Ford E-Transit L2H2

### Model

Ford E-Transit L2H2

### Base vehicle

Valeris® V21

### Special signalling system

Novaris® V20

### Auxiliary Battery

Secondary energy storage

### Stretcher support

TL-E 2022 (Prototype)

### Stretcher model

Ferno Mondial with Smart-Load technology

### Stretcher chair

Utila ALS-328 PTX

### Access ramp

Breda 2600 x 620 mm

### Wall folding seat

DHT-3 with weight sensor





## Equipment

Ford E-Transit L2H2

**GVW**

4250 kg

**Load capacity**

1343 - 1703 kg

**Wheelbase**

3300 mm

**Battery capacity**

77 kWh (68 kWh net)

**Range**

232 - 313 km

**Energy consumption**

26,4 - 36,5 kWh per 100 km

**Charging power at  
Wallbox charging point**

11 kW

**Charging power at  
fast charging station**

115 kW





# TECNOVE

*“Wherever you need us”*

April 2023

For more information please do not hesitate to contact us,  
we will be pleased to help you



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