



Fiat E-Ducato wheelchair accessible minibus

Equipped with TriflexAIR 2.0 - MY2021>





Zero emission passenger transport

To keep our cities healthy we need to make the transition to zero emission passenger transport. With only a few vehicle options on the market, zero emission M1 passenger transport was limited. Now we proudly present a new wheelchair conversion for the 100% electric Fiat E-Ducato. Thanks to our new lightweight TriflexAIR 2.0 flooring system, the vehicle can be driven with drivers license B. The Fiat E-Ducato is available with 47 kWh or 79 kWh with a range of 180-260 km, depending of the battery pack.

TriflexAIR



100% electric

The powerful 90 kW electric motor powered by Fiat is the best choice currently available in terms of performance and speed. Start your day with a full charge and drive up to 180 - 260 km depending of the battery pack (47 kWh or 79 kWh). Substantially increase your range by recharging with a DC fast charger of 50 kW. The 47 kWh can accommodate 8 passengers and up to 3 wheelchair places. The 79 kWh offers space for 5 passengers and up to 2 wheelchair places. Especially designed for Taxi, Shuttle services and Public Transport.

Easy and fast to operate

The Tribus wheelchair conversion for the Fiat E-Ducato is standard equipped with TriflexAIR 2.0. This flooring system is fully integrated in the floor and is extreme user-friendly for both driver as passenger. With one simple movement you can lock or unlock the four retractors at the same time. The height adjustable 3-point belt completes this easy job resulting in significantly reduced operating times. The restraint system is a reliable solution as it is fully mechanical.

TriflexAIR 2.0 
The ultralight flooring system

Clever folding seats

The TriflexAIR seats have an ergonomic design that ensures comfort during long trips. Its clever folding feature provides maximum space for the wheelchair passenger. The seats have an integrated 3-point seat-belt, height-adjustable headrest, armrest and ISOFIX attachment points. By pulling the red lever the seats fold and unfold in just seconds. TriflexAIR seats are designed with maximum safety features and crash tested to M1 safety standards. The seats are made of lightweight materials and weigh only 24,4 kg.



Seat Layout Program

Design your minibus with a large variety of seating and wheelchair configurations with our flexible Seat Layout Program (SLP). All layouts are fully tested to individual approval or European Type Approval.

Highly accessible

Disabled people can board by the automated wheelchair lift at the rear and all other passengers can access through the sliding door by an electrical step. Both entrances have yellow grab handles and the TriflexAIR 2.0 floor system has two red LED stripes for maximum safety.



Convert your minibus

Do you want to convert your own minibus? No problem! Tribus offers all products to completely convert a Fiat E-Ducato into a Wheelchair Accessible Minibus. As a Fiat Partner, our conversion is officially approved and factory warranty is retained. Tribus offers prefab products and our Kits are 100% ready to install.

Specifications

FIAT

E-POWER	47 kWh - L2H2	79 kWh - L2H2
Motor power	90 KW	90 KW
Practical range*	Up to 180 KM	Up to 260 KM
Charging power AC	up to 11 kW (charge station)	11 kW (charge station)
Charging power DC	50 kW (fast charger)	50 kW (fast charger)
CAPACITY		
Number of passengers	8 passengers + driver	5 passengers + driver
Number of wheelchair**	Up to 3 wheelchair places	Up to 2 wheelchair places
Number of TriflexAIR seats***	6 TriflexAIR seats	4 TriflexAIR seats
Wheelchair restraint system	TriflexAIR 2.0 with integrated 4-point wheelchair restraints	TriflexAIR 2.0 with integrated 4-point wheelchair restraints
DIMENSIONS		
Length	5413 mm	5413 mm
Width	2050 mm	2050 mm
Height	2579 mm	2569 mm
Wheel base	3450 mm	3450 mm
GVW Max.	3500 kg	3500 kg
ACCESSIBILITY		
Passenger entry	Sliding door with electrical step	Sliding door with electrical step
Wheelchair entry***	Rear entry by ramp or wheelchair lift	Rear entry by ramp or wheelchair lift
<p>* Tested with the Tribus conversion, in normal traffic and weather conditions. ** Maximum wheelchair places varies per country. *** Depending on weight restrictions per country.</p>		

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