



DANCER® FC75
technical specification

Forget compromises, meet **DANCER** -
unconditionally sustainable luxury
class electric city bus.

Technical data

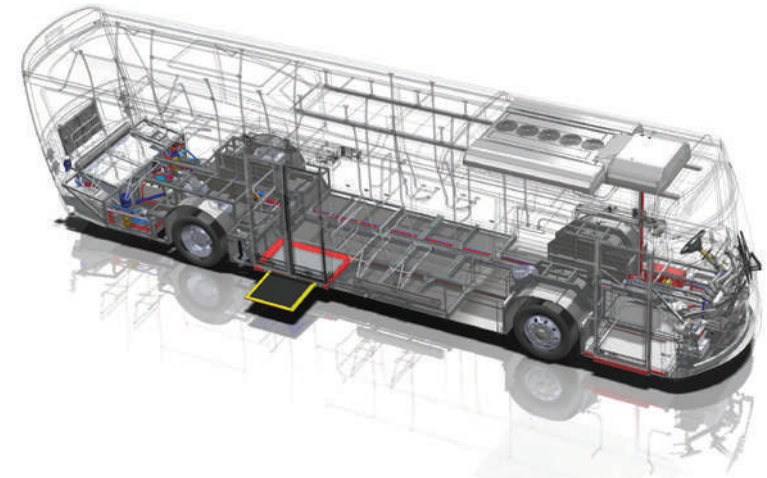
DANCER FC75®



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DANCER has a lifespan of 30 years, features up to 30% lower energy consumption and is 30% lighter than any other such bus in the market.

Model	DANCER® city bus, FC75
Design	Protected by an EU intellectual property patent (Certificate Nr: 006644639-001)
Maximum speed	85 km/h
Range	The distance traveled on a single charge is up to 100 km
Charging station	Inverted pantograph, charging power: 500 kW Optional : CCS2 charging 180 kW Charging time: less than 8 min
Battery	75 kWh , LTO- Lithium Titanate
Energy consumption	0,72 kWh/km
Number of passengers	34 seats + 56 standees / 34 seats + 52 standees + 1 wheelchair
Weight	From 8600 kg
Amenities	Climate control system, USB for passengers, Wi-Fi, electric ramp, rear screen on the outside of the body, night vision 360° video camera



The most important suppliers of DANCER are the leaders in the European auto industry.



The body components are supplied by the Kaunas company Marex Boats. The raw material used to produce recycled PET bottles.

Technical data

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DANCER – innovative, fully sustainable and ultra light electric city bus.
Experience luxury and sustainable rides in your city streets!

Model	DANCER® city bus, FC75
Dimensions	12.1 / 2.5 / 3.2 m
Body	Composite
Door	Ventura, front – 1200 mm / middle – 1200 mm / rear- on request
Adapted for people with disabilities	1 disabled person's seat, electric ramp with call buttons. Additional information system
Steering	Electrohydraulic power steering
Main brakes	Knorr disc brakes / part of the ZF axes
Package of safety and driving systems	ABS – anti-lock braking system / TCS – traction control system / EBS3 – electronic brake system / ESC – electronic stability control / ASR – anti-slip regulator / HAC – hill start control / OptiTire – tire pressure monitoring system / brake assistant / regenerative braking / Brake wear sensors
Suspension leveling system	ECAS air suspension with kneeling functions: kneeling on its side / full kneeling
Axles and transmission	ZF RL 82 EC/ ZF AVE 130

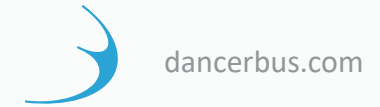
A' Design Award 2020

Golden Award in the category of vehicle, mobility and transport design



Key Features

DANCER FC75®



Combining trusted industry-leading technologies with the discoveries of our scientists and engineers allows us to create and improve **DANCER's** technical superiority

Online monitoring system



Used to collect information, monitor the accuracy of operations and online renewals.

Amenities for passengers



Comfortable and easy driving with Wi-Fi and a dozen USB sockets, an automatic wheelchair ramp.

Innovative driver's seat



A modern, easy-to-apply and innovative dashboard that is rated as the best that exists on the market.

Rear screen



Multifunctional rear screen with the ability to show traffic in front of the bus to other drivers in order to increase traffic safety.

Uniquely shaped front and rear glass



Oval-shaped glass with curved front and rear parts increases the aerodynamics, visibility of the bus, gives a more spacious feel and facilitates assembly.

Pantograph charging connector



500kW ultra-fast battery charging at the end of the route allows you to charge the batteries in less than 8 minutes.



Telemetric monitoring software installed on each **DANCER** bus model that monitors important information from the bus device and equipment

Created and programmed by the DANCER team.

The data collected by the DMS is stored in the DANCER databases and can be further processed to draw diagnostic conclusions about the operation of the bus.

1000 signals coming from each bus every 2 milliseconds.

By analyzing the collected data, it is possible to optimize the interoperability of bus systems, reduce electricity consumption, improve driving comfort, as well as increase the efficiency of equipment.

DMS value:

- Predictive diagnostics
- Real-time data remote monitoring
- Calibrate devices in real time
- Large data collection and analysis
- Emergency stop



Contacts

DANCER FC75®



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Do you have a question?

We're here to talk about electric buses, technical specs, service 24/7 and more.



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