

I.D. BUZZ



Volkswagen





## An innovative definition of sustainable mobility.

Today, automobiles from Volkswagen already support their drivers with intelligent assistance systems. Today, they are already connected to the digital world.

Now, and in the future, we will be offering a level of quality and perfection in each of our products that is unrivaled.

In the process, we will retain the strengths that have made Volkswagen great.

**But we are ready for a revolution.  
We are re-thinking.  
We make the future real.**

We make  
**the future**  
real.





# I.D. BUZZ

An all-round vehicle for a new era.

Ample space for a legendary  
spirit of living.





# A world premiere. First zero-emission van to drive fully autonomously.

The era of electric mobility has begun. Volkswagen is helping to shape it. With the I.D. BUZZ – the first electric van to feature fully autonomous driving.

In its design, the I.D. BUZZ forges links between the legendary origins of the Volkswagen brand and its electrifying future. Its overall concept is revolutionary. It combines a tremendous amount of travel space with an electric driving range of up to 600 kilometers, or 270 miles. With zero emissions. A new feeling of freedom. A new epoch of mobility.

**“The Volkswagen brand’s big electric offensive begins in the year 2020. That is when we will be launching an entirely new generation of fully connected, all-electric vehicles on the market. By 2025 we want to be selling one million of these vehicles annually. We are making electric mobility the new trademark of Volkswagen.”**

**Dr. Herbert Diess**  
Chairman of the Volkswagen Brand Board of Management





# We make the future real.

The Microbus. The update.

Ready for today.

Ready for the future.

Volkswagen digitalizes the Microbus.

And democratizes innovative technologies.

Typical of the Microbus and typically Volkswagen.

## **Intuitive Usability.**

Classic instruments are giving way to intuitively operated elements. The steering wheel becomes a touch-sensitive steering wheel.

## **Connected Community.**

In its design, the I.D. BUZZ, as part of the digital world, is "always on" with a broad array of connected services.

## **Automated Driving.**

The first van that can be driven fully autonomously – thanks to the networking of innovative assistance systems.

## **Smart Sustainability.**

Zero emissions. Practically silent performance. Up to 275 kW/374 PS with a driving range up to 600 km.



Iconic  
Design.

## I.D. BUZZ

**Innovative electric mobility  
gets a new face.**

With the I.D. BUZZ, we are re-interpreting a legendary van design. Extremely clean, with a monolithic silhouette, but unmistakably Volkswagen. Whether known as the Bulli or Microbus – the original is revered by a global community. And not only this community will be amazed by the interplay of familiar and new design elements. Such as the characteristic “V” and the typical friendly “face” of the high-tech front end.



## Volkswagen creates more space in electric mobility.

Travel up to 600 kilometers with zero emissions. Charge while drinking a cappuccino. Then resume your journey – with plenty of space for bikes, boards or up to eight people. In its design, the I.D. BUZZ combines a unique driving experience with a new feeling of freedom. With zero emissions – even on long routes.

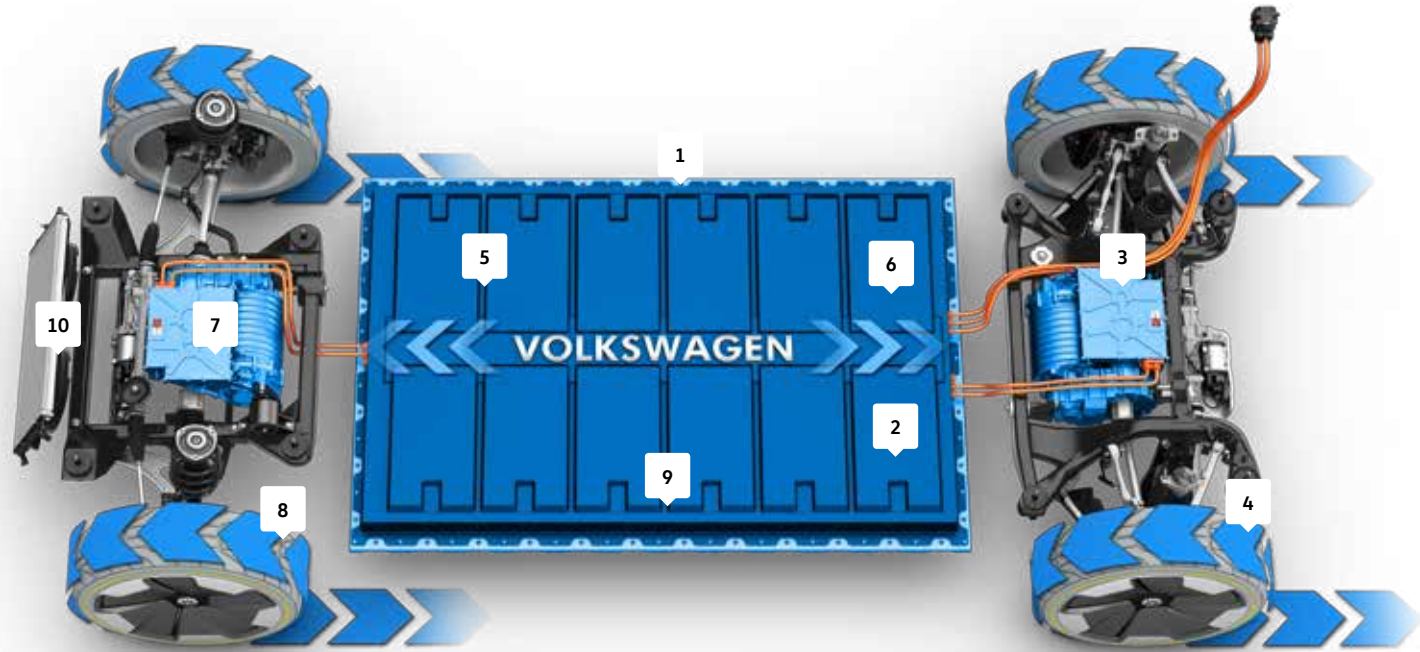
**Smart Sustainability. Typically Volkswagen.  
We make the future real.**

A photograph of three people sitting on a rocky cliff overlooking a city at sunset. The scene is bathed in warm, golden light. The people are seen from behind, looking out over the city and hills. The text 'Smart Sustainability.' is overlaid in large white letters on the right side of the image.

**Smart  
Sustainability.**

## I.D. BUZZ – the technology

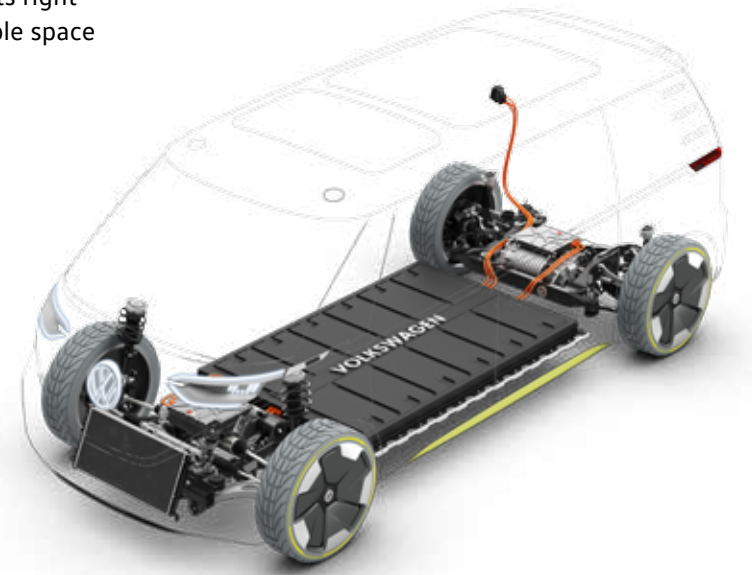
- 1 MEB enables a new feeling of space with its optimal package
- 2 Up to 600 km driving range for zero-emission long-distance mobility
- 3 Compact electric motors at the front and rear axles
- 4 System power of up to 275 kW/374 PS for dynamic driving fun
- 5 Batteries in the vehicle floor for flexible use of the interior
- 6 Advanced battery technology for long driving ranges
- 7 Inductive charging via a charging plate under the vehicle's front end
- 8 Electric all-wheel drive for perfect traction
- 9 Low center of gravity for optimal handling
- 10 Air conditioning/heating unit located in front body for spacious interior



## Zero-emission dynamic performance in city and long-distance driving.

Up to 600 kilometer driving range, the full dynamics of 275 kW/374 PS, inductive charging without cables, thorough connectivity of all functions and zero emissions. The I.D. BUZZ makes everyday mobility better.

The I.D. BUZZ is the latest member of a family of pure electric vehicles. They are being created on an entirely new platform, the Modular Electric Drive Kit or MEB. On this platform the battery is located in the vehicle floor, and its size can be flexibly adapted to customer preferences. The powerful and extremely compact drive unit sits right on the rear axle – for impressive driving dynamics and optimal, highly variable space utilization. This concept also gives designers maximum freedom.





**“The overall concept of the I.D. BUZZ points the way to the future. This concept vehicle is the world’s first multi-variable zero-emission van to be equipped with a fully autonomous driving mode. It embodies the feeling of freedom of the Microbus – an ultimate Volkswagen icon – carrying it over to a new era of mobility.”**

Dr. Frank Welsch  
Volkswagen Board Member for Development

# Automated Driving.

## The first van to drive fully autonomously.

An entirely new feeling of freedom also means this: people can rely even more on their Volkswagen. The I.D. BUZZ is the first van to be capable of fully autonomous driving. For more free time and quality of life and fewer accidents. Another big step towards Vision Zero – accident-free driving.

**Mobility for a better life.  
Typically Volkswagen.  
We make the future real.**





## A new dimension of freedom.

You can drive yourself or simply hand over control to the car and lean back. The Volkswagen I.D. BUZZ is the first van to be capable of fully autonomous driving. Just press lightly on the Volkswagen logo, and the power-adjustable and retractable steering wheel disappears into the cockpit panel and merges with the Volkswagen Digital Cockpit (3D). The interior lighting changes to a warm, relaxed lighting mood and gives the interior the comfortable atmosphere of a lounge space. The driver's seat can now be comfortably swiveled to face the rear.

While the human who was previously driving is relaxing, other road users and the surroundings are monitored precisely by four laser scanners on the roof, ultrasonic sensors, radar sensors, side area view cameras and a front camera. Simultaneously, the I.D. BUZZ continually acquires traffic data via the cloud. After all, it is only possible to enjoy freedom and convenience when there is a reassuring feeling of safety.

**Convenience and safety. Typically Volkswagen.  
We make the future real.**

## Automated Driving. Safe and convenient.

- I.D. Pilot – fully autonomous driving; the vehicle recognizes and masters all relevant situations.
- Expressway Pilot – highly automated driving on highways at speeds up to 130 km/h.
- Car2X technology – enables communication with other vehicles, the infrastructure, pedestrians and bicycle riders.
- Pilot for multistorey car parks – driverless automatic parking in multistorey car parks.
- Trained parking – automatic parking anywhere on routes that the car has learned.



# 2025!

With its **fully autonomous driving**, the I.D. BUZZ offers an outlook on the year 2025.



## A focus on people.

The I.D. BUZZ is more than just a car. It is a place that is interactively connected and that is used together with family and friends. A mobile place to feel at home in.

Its intuitive operating concept replaces classic instruments. The interior will become a sort of living room. Thanks to the Volkswagen User-ID, it automatically adapts to the individual user.

**Mobility with identity. Typically Volkswagen.  
We make the future real.**



# Intuitive Usability.





### **Digital and automated.**

Future Volkswagen models based on the MEB will not only impress with their electric drives; they will also offer a new digital experience that extends all the way to automated driving functions. Volkswagen will also be further expanding its line-up of assistance systems. Automated functions will assist the driver in both standard and hazardous driving situations.

### **Virtual symbols in real space.**

The head is freed up, and drivers do not have to divert their gaze from the road at any time, because the I.D. BUZZ no longer has a classic cockpit. The large Head-up Display uses augmented reality, guides drivers very naturally and intuitively to their destinations and supplies them with the most current data. Navigation system information is projected around seven to 15 meters ahead of the vehicle, making it a three-dimensional, experiential part of the vehicle's surroundings.





## Intelligent free space.

An excursion with two families; vacationing with bikes and boards or a quick drive to a business meeting with colleagues while working on the way. Because of its innovative drive concept, the I.D. BUZZ offers an exceptional amount of space for its class – and nearly as much flexibility as in the world at home or in a lounge. For more working space, the seatbacks of the individual second row seats can simply be folded down. When the vehicle is stopped, the third seat row can be converted into a comfortable bed with ease – which is practical for a small picnic during a break from driving, or even to overnight in the I.D. BUZZ sometime. When the trip resumes, ingenious details like being able to freely place cushions make the drive even more comfortable.





# I.D. BUZZ

Back from the future.  
Inspiring Design.  
Iconic Design.

Car cult meets a vision of the future: In the I.D. BUZZ we are systematically advancing the design language of the I.D. – and simultaneously forging links to the legendary roots of the Volkswagen brand.





# Connected Community.

## **Volkswagen networks mobility. Which connects people.**

The future digital platform from Volkswagen networks all mobility services related to the Volkswagen brand. It supports its members with resource-saving and efficient mobility. The new mobility network from Volkswagen helps drivers to save time and reduces traffic loads for everyone.







# Hello!

The I.D. BUZZ is an integral part of the digital lifestyle.

## Digital Identity.

## The I.D. BUZZ knows who will be at the wheel today.

Drivers of future Volkswagen vehicles will have their own Volkswagen User-ID: an individual profile in which all of their settings are saved in the cloud – ranging from their favorite music to the colors of displays and interior lights and their seat adjustment settings.

The I.D. BUZZ automatically recognizes precisely this ID when an authorized user takes a seat behind the steering wheel. It's very easy via smartphone – which acts as the Digital Key. To find the fastest route to friends and business partners, it can use their addresses via smartphone for navigation, manage schedules and determine driving times.

The I.D. BUZZ is also part of the Home-Net: It can receive shopping lists from an intelligent refrigerator and warm up the house when drivers set out for home.

Today, Volkswagen already lets users view the front door of their home while driving with the help of the DoorBird app. And a delivery service, which makes Volkswagen vehicles individual package couriers, is coming soon as well.

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Smartphone is the digital key for the I.D. BUZZ and provides contacts, addresses and schedules.



### **The innovative ecosystem with intelligent mobility services.**

For the revolution of the automobile, Volkswagen is creating a new ecosystem for mobility – the comprehensive mobility platform: here Volkswagen drivers can rent other Volkswagen cars, for instance in situations in which they might need a larger car, or they can share their vehicle with other members. A smartphone can be used to find available car pool vehicles and get information on their charge state and driving range. When a personal Volkswagen User-ID is used, this vehicle gets the identity of the new driver when he or she enters the vehicle: the seat is already in position, the right music is playing, personal destinations have been activated. Any Volkswagen can be updated or upgraded using the Volkswagen User-ID: for more entertainment, more driver assistance or new convenience functions that are available at the push of a button. Or the user can become part of the world's largest parking place search engine ...

The Volkswagen mobility platform is available to everyone, whether or not they own a Volkswagen. It learns more every day and with each user, thereby developing into a comprehensive, intelligent network.







# I.D. BUZZ

## The van of a new era.

You will find detailed information on the I.D. BUZZ and its innovative technology in the form of text documents, photos, videos and animations at

<https://www.volkswagen-media-services.com/web/guest/2017detroit>







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Brieffach 1971  
D-38436 Wolfsburg