



# Media information

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## Volkswagen Saxony GmbH Transparent Factory Dresden

<b>Surface area:</b>	83.000 m <sup>2</sup>
<b>Production:</b>	Since January 2021: 16,960 ID.3 , before that: 50,401 e-Golf (2017-2020); 84,235 Phaeton (2001-2016) and 2,186 Bentley Flying Spur (2005/2006 and 2013/2014)
<b>Model:</b>	Volkswagen ID.3
<b>Employees:</b>	340 (incl. dual students & trainees, as at: 12/2023)

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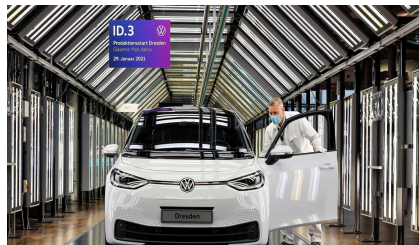


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### Current situation

With the start of production of the ID.3 in January 2021 at the Transparent Factory Dresden, the previous "Centre of Future Mobility" will continue to develop into the "Home of ID." in the coming years.



Start of ID.3 series production in January 2021

The central goal: to offer customers, visitors and guests a holistic experience of the ID. Family - starting with advice and test drives, a tour of production, co-construction of the ID.3 and modern event formats through to the handover of electric vehicles. A further focus of the strategic reorientation is the expansion into a research and innovation location, which is driving forward innovative projects in small series for later use at

large volume locations in the Volkswagen brand.

In Dresden, customers, visitors and guests can find out how the Volkswagen brand is shaping the mobility of the future. On a one-hour tour, they can experience first-hand how the ID.3 is manufactured by Volkswagen. The highlight of the visitor offer is a free test drive (45 minutes) through Dresden with the current ID. models.

Dresden's largest public and partly solar-powered e-mobility station was built directly at the Transparent Factory. It has been in operation since April 2017. Volkswagen Saxony and the state capital of Dresden have also entered into a cooperation agreement. The aim is to develop Dresden into a model city for electromobility and digitalization.

In addition, from 2017 to 2021 - for six months at a time - innovative start-ups on the topic of mobility services were supported in a newly installed "Future Mobility Incubator" at Volkswagen's Transparent Factory. They received a grant of 15,000 euros, IT infrastructure, software, free office space, vehicles and access to the Volkswagen network of experts. The state capital of Dresden also supported and



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financed the accommodation for the young founders. The incubator concept is currently being revised. In March 2018, the "Future Mobility Campus" was opened, where employees, school classes and, above all, dealers receive further education and training.

### **Production and new business areas**

The Volkswagen Phaeton and the Bentley Flying Spur were manufactured in the Transparent Factory for 14 years until March 2016. The realignment for a more flexible manufacturing process for various models was completed. The e-Golf rolled off the production lines from April 2017 to December 2020. This made the Transparent Factory the first Volkswagen brand site to be fully converted to electric mobility. Series production of the ID.3 started in January 2021. As with the start-up of the e-Golf in 2017, production of the ID.3 also started with one shift and 35 vehicles from Monday to Friday . In 2023, 6,086 ID.3s were produced.

In addition to production, new and expanded business areas have been established and developed. Sales, for example, has become increasingly important in recent years. Up to 20 vehicle handovers to customers are possible. In 2023, 2,400 vehicles were handed over to customers, more than 95 per cent of which were partially or fully electrified. The frontrunners are the ID.3 and ID.4 models manufactured in Saxony.

The "Functional Testing Station" in Dresden (FED) is an integral part of the global network of testing stations for complete vehicle development.

Your main focus: The testing of software and assistance systems on prototypes, units - carriers and model maintenance to achieve vehicle series maturity at an early stage.

Production 4.0 is also being driven forward in the Transparent Factory. The central idea is the automation and digitalization of complex work steps within assembly and logistics. Specifically, the manufactory acts as a planned pilot plant in the company for the development and application of new technologies in real series processes.

### **World of experience and service for customers**

Volkswagen is treading a new path with a world of experience integrated into the Manufaktur. Here, interested parties and customers can find out more about Volkswagen and the topics of e-mobility and digitalization. They can experience car production up close, as the tour goes directly along the assembly line . After years of fewer visitors due to the pandemic, the number of visitors rose again to more than 81,000 in 2022. Around 100,000 visitors came to the Transparent Factory in 2023. By comparison, there were around 146,000 visitors in Corona-free 2019.

The tour formats have been further developed and created with KID.s tours, sustainability tours for school classes and the newly designed offer in simple language. Test drives are also offered in the ID.3, ID.4, ID.5, ID.7 and ID. Buzz<sup>3</sup>. The exclusive Mach-Mit-Fertigungserlebnis on the ID.3 and experience packages in combination with the e-VITRUM restaurant and combined tickets with the Semperoper, the Transport Museum and the city tour were very popular in 2023.



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The following models can be collected from the Transparent Factory: ID.3, ID.4, ID.5, ID. 7<sup>1</sup>, ID.7 Tourer<sup>2</sup>, Golf saloon (with mild hybrid or plug-in hybrid), Golf Variant (with mild hybrid), the new Tiguan (with mild hybrid or plug-in hybrid), the new Passat (with mild hybrid or plug-in hybrid), Arteon Shooting Brake (with mild hybrid or plug-in hybrid), as well as all variants of the Touareg.

### Environmental protection

In 2018, the brand set itself an ambitious target for reducing environmental impact in production: by 2025, vehicles and component parts are to be built with a total of 45 per cent less environmental impact than in 2010, the reference year of the current environmental program "Think Blue. Factory." environmental program. Volkswagen is thus on the way to a resource-optimized factory at all of the brand's locations.

In 2018, the Transparent Factory became the brand's first location worldwide to produce its vehicles in a CO<sub>2</sub>-neutral manner. The power supply is already CO<sub>2</sub>-free thanks to Naturstrom<sup>®</sup>, which saves 3,600 tons of CO<sub>2</sub> per year. In addition, the heat supply and the vehicle fleet are also CO<sub>2</sub>-free. <sup>2</sup>

Responsibility for the environment also includes biodiversity. Environmental protection was already of central importance during the planning of the Transparent Factory: around 56,000 euros were invested in planting 350 trees. Special sodium vapor lamps in the outdoor area operate in the yellow spectral range to protect the insects from the nearby botanical garden. Furthermore, the depth of the building complex was designed in such a way that the groundwater balance remains in equilibrium. The sealed area has been reduced from 6.7 to 4.8 hectares compared to the previous development status of the site. Volkswagen is also specifically committed to biodiversity: since May 2019, twelve bee colonies of 50,000 animals each have been buzzing around the factory premises at the Großer Garten and Botanischer Garten - 600,000 bees, cared for by an employee of the factory. The honey, around 450 kilograms, is sold in the Manufaktur Restaurant e-Vitrum.

### Social and cultural commitment

The Transparent Factory is not just a production facility and employer. With its location in the centre of Dresden, it is part of the social and cultural life of the city and therefore also bears responsibility for the future of the region. The Transparent Factory wants to make life with electromobility accessible to visitors and help shape the automotive future of the city of Dresden with new mobility concepts and offers. The fact that the Transparent Factory also fulfils its responsibility to the people of the region is reflected in the promotion and support of numerous projects and activities dedicated to social welfare and cultural development.

The employees set a sustainable example with the leftover cent campaign, for example. For more than 16 years, they have been donating the cents left after the decimal point on their pay slips every month. The Transparent Factory uses the proceeds to support the Dresden support organization for children and young people with cancer - Sonnenstrahl e.V. Another annual employee campaign is the support and participation in charity runs for UNICEF Dresden. Volkswagen also promotes cultural



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education and development through regional cultural projects and partnerships. The commitment ranges from a long-term partnership with the Sächsische Staatskapelle Dresden and the Semperoper.

### Plant Manager

Dr Martin Goede comes from Hanover and joined the Volkswagen Group in 2002. Since then, the mechanical engineering graduate has worked in the Production & Logistics department. Over the past three years, he has focused on the design of future factory concepts and the production of the future at the Volkswagen Passenger Cars brand. Prior to that, he had been Head of Technology Planning and Development since 2011.

### About Volkswagen Sachsen GmbH

The founding of Volkswagen Sachsen GmbH in December 1990 marked the start of Volkswagen AG's ambitious project to establish a competitive production facility for Volkswagen vehicles and engines in one of Germany's most traditional automobile manufacturing regions. In addition to the temporary use of existing facilities at the Zwickau and Chemnitz sites, which were completely modernized by Volkswagen, two new production facilities for vehicle and engine construction were built. The Transparent Factory Dresden was opened in 2001. In 2014, Automobilmanufaktur Dresden GmbH merged with Volkswagen Sachsen GmbH.

Since then, Volkswagen Sachsen GmbH has included the Zwickau vehicle plant, the Chemnitz engine plant and the Transparent Factory in Dresden. Volkswagen Sachsen GmbH employs around 13,000 people (including dual students, trainees and the Volkswagen Training Institute). Around 98 per cent of the workforce have completed specialist vocational training or have a master craftsman, university or university degree. The average age is around 44 years and the proportion of women is currently 12.2 per cent.

Robert Janssen is Chairman of the Board of Management of Volkswagen Sachsen GmbH and is responsible for the Technology and Logistics divisions. Prof. Thomas Edig (Human Resources and Organisation) and Lukas Folc (Finance and Controlling) are members of the Management Board.

<sup>1</sup>ID.7 Pro - Combined energy consumption: 16.3-14.1 kWh/100 km; combined CO<sub>2</sub> emissions: 0 g/km; CO<sub>2</sub> class: A. Fuel consumption and CO<sub>2</sub> emission figures in ranges depending on the selected vehicle equipment.

<sup>2</sup>ID.7 Tourer Pro - Combined energy consumption: 16.8-14.5 kWh/100 km; combined CO<sub>2</sub> emissions: 0 g/km; CO<sub>2</sub> class: A. Fuel consumption and CO<sub>2</sub> emission figures in ranges depending on the selected vehicle equipment.

<sup>3</sup>ID Buzz - Combined energy consumption: 22,0-20,7 kWh/100 km; combined CO<sub>2</sub> emissions: 0 g/km; CO<sub>2</sub> class: A. Fuel consumption and CO<sub>2</sub> emission figures in ranges depending on the selected vehicle equipment.