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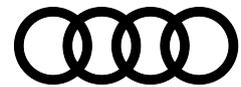
Communications AUDI HUNGARIA Zrt.
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BASIC PRESS INFORMATION

AUDI HUNGARIA Zrt.

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▶ **The Győr site**

AUDI HUNGARIA Zrt. develops and produces engines for AUDI AG and other companies of the Volkswagen Group in Győr, Hungary. In 2013, the company inaugurated a new automobile plant there covering the complete production process. This marked the start of series production of the new Audi A3 Sedan* and the Audi A3 Cabriolet*. These were followed in 2014 by the new Audi TT Coupé* and the Audi TT Roadster*, which are built entirely at the Audi plant in Hungary. Since its founding in 1993, Audi Hungaria has developed into one of the country's largest exporters and most profitable companies. At the same time, Audi Hungaria is also one of the largest foreign investors in Hungary, and with 12,307 employees as of December 31, 2017, also the region's largest employer. Audi Hungaria produced a total of 1,965,165 engines and 105,491 automobiles in Győr last year.

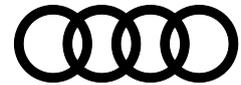
▶ **Hungary's most attractive employer**

In 2017, Audi Hungaria was voted **Hungary's most attractive employer in the Hungarian automotive industry**. As a manufacturer of premium products, Audi Hungaria offers its employees secure jobs and competitive wage and bonus systems. In addition to their monthly salary, which comprises a base salary plus a variable, performance-based component, employees can also choose from numerous non-wage benefits. Employees receive a 13th monthly wage each year as well as a bonus for performance in the previous year. There is a wide range of **career opportunities**, and employees can glean international experience at Volkswagen Group sites. Each year, some 300 Hungarian employees work at Group sites abroad, including in China, Mexico and Brazil. The company also places great value on **continuing training**. Employees are trained at an 11,000-square meter (*118,403.0 sq ft*) training center opened in 2011. There, as many as 500 employees can attend specialist and general training, LEAN advanced training and practice-oriented courses.

▶ **World's largest engine factory**

Audi Hungaria has been producing engines for the Audi and Volkswagen Group since 1994. The company has since grown to be the world's largest engine factory. To date, the employees in Győr have produced more than **30 million engines**.

Of the 1,965,165 engines produced in 2017, 1,478,794 were four-cylinder gasoline or diesel engines. 14,640 five-cylinder gasoline engines as well as 436,676 six- and 36,757 eight- and ten-cylinder engines were also produced. Audi Hungaria built six different gasoline and three



different diesel engine variants in 2017, with power outputs ranging from 63 kW (86 hp) to 470 kW (639 hp). Nearly 6,000 employees build over 8,800 engines each day for the Volkswagen Group's 32 production locations.

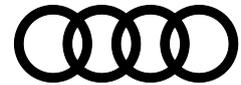
In 2017, the 2.5-liter TFSI engine produced by Audi in Győr was voted **International Engine of the Year** in the 2- to 2.5-liter category. The five-cylinder engine has now won the award for the eighth consecutive time. Audi Hungaria also produces completely knocked down (CKD) engines. Production of CKD engines is primarily intended for overseas customers.

Engine production in Győr will be expanded in 2018 to include the **series production of electric motors**. The first production systems have already been integrated into the production flow. Three additional test stands have been installed in the Engine Development department to support the future volume production of electric motors. The Competence Center for the Production of Electric Motors has been completed; preparations for the start of series production are in full swing.

► **One million automobiles**

Automobile production at Audi Hungaria began in 1998 with series production of various Audi TT models. Production of the second-generation Audi TT Coupé and Audi TT Roadster began in Győr in 2006. In June 2013, series production of the Audi A3 Sedan began with full depth of manufacturing; the new Audi A3 Cabriolet followed in October. Production of the third-generation Audi TT Coupé* and Audi TT Roadster* began in Győr in 2014. In October 2017, the 500,000th automobile rolled off the assembly line in the new automobile plant: an Audi TTS* for a customer in the UK. The car was painted in exclusive “viper green” and equipped with a 2.0 four-cylinder gasoline engine.

A total of 105,491 cars were built at Audi Hungaria in 2017: 17,568 Audi TT Coupé*, 4,606 TT Roadster*, 72,433 Audi A3 Sedan* and 10,716 A3 Cabriolet* units. Approximately 4,500 employees currently work in automobile production. Automobile production will expand in 2018 to include an additional model with the start of series production of the Audi Q3 at the Győr site. A new, 80,000-square meter (*861,112.8 sq ft*) body shop was constructed for the production of this SUV.



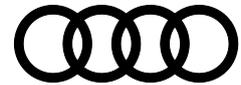
► **Technical Development**

The **Drivetrain Development department** has had a presence in Győr since 2001. It supports Production with its development work for series production. At present, 270 engineers and other employees are working on various development projects, for example on friction optimizations and engine-acoustics analysis, as well as on the development of engine derivatives. Drivetrain Development in Győr currently operates 20 test stands: 16 highly dynamic full-function test stands, two friction test stands, a swivel test stand and a climate test chamber. The **Engine Development Center** was expanded to include a workshop equipped with cutting-edge technology. A new building with six full-function test stands was erected in 2015. The experts of Audi Hungaria can test all engines, from three- to twelve-cylinder units, on the running test stands. Six more test stands were installed by 2017 as part of a second expansion phase.

Audi Hungaria expanded its development activities in late 2011 with the **Complete Vehicle Development department**, which currently employs more than 80 engineers. The focus here is on production-related vehicle development. This includes supporting the start of production of new models at Audi Hungaria as well as diverse engine and vehicle tests during the development process. Various loads placed on the car by the customer are modeled, in part by means of vehicle and component simulation. There are two new test systems for strength testing engine and automobile parts. The experts of Audi Hungaria can investigate the acoustic, strength and road characteristics of all Audi models in the Total Vehicle Development technical center. Total Vehicle Development further expanded its analytical capabilities in 2017 by commissioning additional test stands for components and complete vehicles: The experts at Audi Hungaria use the only total vehicle test stand of its kind in Hungary to test total vehicles with respect to energy management, strength and acoustics. The vehicles can be analyzed at speeds up to 280 km/h (*170 mph*) on a simulated road without moving.

► **Expanded toolmaking shop**

In 2005 Audi Hungaria opened the toolmaking shop, in which the equipment for the press shops and body shop are made. It also produces assemblies for the Group's supercar models in an exclusive series. The most notable equipment are the large presses. With a tool weight of 50 tons, these can exert up to 25,000 kilonewtons of press force on the workpieces. The toolmaking shop has been continuously expanded, with new presses and 3D laser cutting



machines now in operation. The 650 employees in the roughly 50,000-square meter (*538,195.5 sq ft*) Győr toolmaking shop produce more than 70 body assemblies each day for exclusive and supercar models from the Audi and Volkswagen Group. The expansion of the toolmaking shop began in 2016, as part of which floor space was expanded in 2017 by 15,000 square meters (*161,458.7 sq ft*) to create capacity for future projects. Four new large presses with a press force of up to 2,500 metric tons were commissioned in 2017.

▶ **Flexible and efficient logistics**

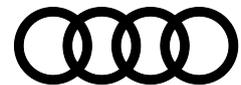
Audi Hungaria established a **modern logistics infrastructure** to ensure the smooth production operations. Integrated smart solutions, such as modern automated guided vehicles and digital tools support the logistics processes. The internal material flow is controlled so that only those parts that are directly required for production are made available. This eliminates costly intermediate stores, and productivity increases as a result. Environmentally-friendly rail transport is the primary mode for basic materials, parts, finished engines and automobiles. The new rail network installed as part of the plant expansion is eight kilometers (*5.0 mi*) long. The railway inside the plant grounds was lengthened by 30 percent. Audi Hungaria has continuously expanded the logistics infrastructure in recent years. The company inaugurated its **second logistics center** with an area of 80,000 (*861,112.8 sq ft*) in 2015. A new bridge and an additional incoming goods hall were added as well.

▶ **Quality assurance – focused on perfection**

The goal of Quality Assurance at AUDI HUNGARIA Zrt. is to ensure **premium quality** under all circumstances. The company's quality management system was developed on the basis of EN ISO 9001 from the International Organization for Standardization and the VDA 6.1 standard. The latter was developed by the German Association of the Automotive Industry for manufacturers in the industry. Quality assurance covers the entire production sequence, from start to finish. Premium quality is the goal:

- Optical 3D measurements for bodies precision-fit to a tenth of a millimeter
- Parts inspected via CT and a digital microscope
- Robots that sniff out leaks and measure the haptics

Employees of the Quality Assurance department at Audi Hungaria perform countless quality checks on the finished engines to ensure the premium quality of all Győr products.



► **Sustainability and environmental protection**

Sustainability is a top priority of Audi Hungaria's corporate strategy. Minimizing environmental pollution and conserving natural resources are therefore every bit a part of the corporate philosophy as careful workmanship and the high quality of the materials used. Audi Hungaria has had an **environmental management system** since 1999. This system complies with the extremely strict standards of the European Union's EMAS Regulation, and meets the requirements of the international environmental standard ISO 14001. The company's certified energy management system has been implemented according to ISO 50001 since 2011 and integrated into the environmental management system. Audi Hungaria's environmental management system has the registration number 1 in Hungary – clear proof of the company's commitment to the environment.

Audi Hungaria is the largest **user of industrial geothermal** in Hungary. The company has met approximately 60 percent of its thermal energy needs with geothermal energy since 2015. The system supplies Audi Hungaria with at least 82,000 MWh of thermal energy each year. The company has used 170 GWh of geothermal energy since 2015, enabling CO₂ emissions to be reduced by 33,700 metric tons.

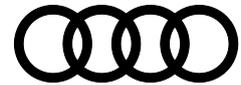
► **Training the next generations**

Audi Hungaria supports the training of future generations with numerous initiatives.

- The company has enjoyed a successful partnership with the city's secondary schools in the area of **dual vocational education**. Audi Hungaria currently has 250 apprentices enrolled in dual vocational training programs for 15 different automotive, electronics and metalworking professions. 1,800 young people have completed this respected vocational training program since 2001.

Audi Hungaria launched a new commercial training program to the dual vocational training program in September 2017: foreign-language industrial clerk.

- The **Audi Hungaria School** was founded in 2010 on the initiative of Audi Hungaria. It offers general education through the *Abitur* for the children of German and Hungarian employees. When the students finish the school, they have leaving certificates recognized in Germany as well as Hungary. Over 560 students are enrolled for the 2017/2018 school year. After comprehensive remodeling and new construction, a modern education center with room for 650 students was completed in 2016. The **kindergarten** established in 2012 provides care for two mixed-age groups of German



and Hungarian children. Construction of a new kindergarten will be completed in May 2018. Beginning with the 2018/2019 school year, 100 children in four groups will be cared for there.

- In the area of **educational and scientific cooperation**, Audi Hungaria and the Széchenyi István University of Győr are working together in a unique project. On January 1, 2015, the company and university co-founded the **Faculty of Automotive Engineering**. The faculty has six professorships: Internal Combustion Engines, Automotive Manufacturing Technology, Total Vehicle Development, Materials Science and Technology, Environmental Engineering and Transport and Logistics. The **Professorship for Leadership and Organization Communication** established in 2014 was another milestone in the company's development.

► **Corporate citizenship**

AUDI HUNGARIA Zrt. has been an important factor for the development of the Hungarian economy and the city of Győr since 1993. For Audi Hungaria, it is only natural to accept social responsibility and promote cultural and sporting events with the goal of improving the quality of life in the region.

Here are a few examples from the **cultural scene**:

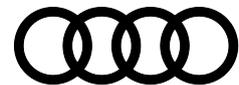
- Sponsoring the Győr Ballet Ensemble since 1997
- Financial support for the Győr Philharmonic Orchestra since 2015
- Supporting various cultural events, such as the Jazz Terrace in Pannonhalma
- Main sponsor of the annual end-of-summer concert in Győr

AUDI HUNGARIA Zrt. is also an important player in **Győr's sporting life**.

- The company has been the main and name sponsor of the Győri AUDI ETO women's handball team since 2006
- and is the naming partner of the 5,500-seat Audi Aréna Győr.

Reflecting its **social responsibility**, Audi Hungaria hosted the fourth Volunteer Day in 2017. This event is very popular among the employees. More than 500 employees volunteered their time to work on 29 projects in Győr and the surrounding area.

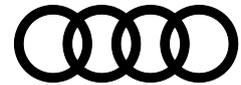
The company also provided the Győr-Moson-Sopron county police with an additional police car in 2015, an Audi TTS Coupé*. This is now the fourth car that Audi Hungaria has provided to the police department.



Audi Hungaria has also been involved in **health care** in the region since the company's founding. It has donated several times to the Petz Aladár County Hospital, and presented an Audi A3 Sedan* to the outpatient clinic operated by Győr's primary care physicians. Audi Hungaria provided an Audi A4 Avant* to the Győr emergency medical services in 2017. The command center uses it primarily for special calls and trips to severely ill patients. A donation from Audi Hungaria enabled the Anesthesiology and Intensive Care Unit of Peter Aladár County Hospital to purchase two ventilators for the Stroke Center in Győr, thus making a substantial contribution to enhancing the standard of care.

► **History of AUDI HUNGARIA Zrt.**

- 1993 AUDI HUNGARIA MOTOR Kft. is founded as a 100-percent subsidiary of AUDI AG.
- 1994 Start of series production of four-cylinder engines.
Official opening of the engine factory.
- 1997 Start of series production of V6 engines. Start of series production of V8 engines.
- 1998 Establishment of the crankshaft and con-rod processing line. Start of automobile assembly with the Audi TT Coupé*.
- 1999 Series start of assembly of the Audi TT Roadster models.
- 2000 Start of production of diesel engines with unit injector technology.
- 2001 Opening of the Engine Development Center.
Assembly of the Audi A3/Audi S3 models begins in Győr, produced through 2003.
- 2005 June 2005: The ten-millionth engine from Győr.
The Audi Hungaria toolmaking shop begins operation.
- 2007 Start of production of the Audi A3 Cabriolet. Start of series production of four-cylinder common-rail diesel engines. Start of series production of ten-cylinder biturbo engines.
- 2008 Start of series production of twelve-cylinder TDI engines.
- 2010 Opening of the engine start-up center.
Start of series production of the Audi RS 3 Sportback*.
- 2011 April 2011: Production of the 20-millionth engine in Győr.
July 2011: Cornerstone laid for plant expansion.



- 2012 May 2012: Topping-out ceremony for the new automobile plant.
Nov. 2012: Start of production of the new 1.2- and 1.4-liter four-cylinder engines.
- 2013 Audi Hungaria opens the expanded plant in June 2013. Series production of the Audi A3 Sedan and the Audi A3 Cabriolet begins at that same time.
Sept. 2013: The 10,000th employee is hired.
Nov. 2013 a double jubilee: 500,000th Audi TT with the 25-millionth engine drives off the assembly line.
- 2014 Start of series production of the new Audi TT Coupe* and the new Audi TT Roadster*.
Sept. 2014: 100,000th car with full depth of manufacturing from the new automobile plant.
New laboratory in the professorship for complete vehicle development for Audi Hungaria and Széchenyi István University.
Nov. 2014: Establishment of a fifth professorship at Széchenyi István University.
- 2015 January 2015: Establishment of the Audi Hungaria Faculty for Automotive Engineering at Széchenyi István University.
Feb. 2015: New machining training workshop at the Project and Training Center (PTC).
May 2015: Expansion of the Engine Development Center.
Sept. 2015: New logistics center and new building for the Audi Hungaria School.
Dec. 2015: 300,000th car from the automobile plant.
- 2016 Announcement that the Audi Q3 will be built in Győr.
Start of construction of an 80,000-square meter (*861,112.8 sq ft*) body shop.
Announcement that electric motors for the Audi Group's e-models will be built in Győr beginning in 2018.
The 30-millionth engine is installed in the one-millionth car, an Audi TT RS*.
- 2017 Start of production of a third RS model in Győr: series production of the Audi RS 3 Sedan*.
The body shop is expanded by 15,000 square meters (*161,458.7 sq ft*) and four new large presses with press force of up to 2,500 metric tons are installed. Total Vehicle Development expands its analysis competence. Additional test stands for components and complete cars are commissioned.
The CNG engine is developed and produced under the direction of Audi Hungaria.
Audi TT S* rolls off the assembly line in the new automobile plant as the 500,000th car from Audi Hungaria.



► **Facts and figures**

AUDI AG

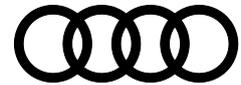
Chairman of the Board of Management:	Rupert Stadler
Chairman of the Supervisory Board:	Matthias Müller
Employees (AUDI AG):	61,172
Employees (Audi Group):	91,231
Deliveries to customers :	1,878,100 automobiles of the Audi brand
Production:	1,879,840 automobiles (including Lamborghini and CKD)

(all data as of December 31, 2017)

AUDI HUNGARIA Zrt.

Established:	1993
Chairman of the Board of Management:	Achim Heinfling
Chairman of the Supervisory Board:	Peter Kössler
Area:	5,167,366 m ² (55 million sq. feet)
Employees:	12,307
Models*:	Audi A3 Sedan, Audi A3 Cabriolet, Audi S3 Sedan, Audi S3 Cabriolet, Audi RS 3 Sedan, Audi RS 3 Sportback Audi TT Coupé, Audi TT Roadster, Audi TTS Coupé, Audi TTS Roadster, Audi TT RS Coupé, Audi TT RS Roadster
Segments:	Engine production, automobile production, toolmaking, technical development
Production:	1.965.165 engines 105.491 automobiles

(all data as of December 31, 2017)



► **Fuel consumption of the models named above***

Fuel consumption of the Audi A3 Sedan

Combined fuel consumption in l/100 km: 8.4 – 3.9 *(28.0 – 60.3 US mpg)*;

Combined CO₂ emissions in g/km: 191 – 102 *(307.4 – 164.2 g/mi)*

Fuel consumption of the Audi A3 Cabriolet

Combined fuel consumption in l/100 km: 6.8 – 4.3 *(34.6 – 54.7 US mpg)*;

Combined CO₂ emissions in g/km: 156 – 113 *(251.1 – 181.9 g/mi)*

Fuel consumption of the Audi S3 Limousine

Combined fuel consumption in l/100 km: 7.1 – 6.4 *(33.1 – 36.8 US mpg)*;

Combined CO₂ emissions in g/km: 163 – 148 *(262.3 – 238.2 g/mi)*

Fuel consumption of the Audi S3 Cabriolet

Combined fuel consumption in l/100 km: 6.8 – 6.7 *(34.6 – 35.1 US mpg)*;

Combined CO₂ emissions in g/km: 156 – 153 *(251.1 – 246.2 g/mi)*

Consumption data for the Audi RS3 Sedan

Combined fuel consumption in l/100 km: 8.4 – 8.3 *(28.0 – 28.3 US mpg)*;

Combined CO₂ emissions in g/km: 191 – 188 *(307.4 – 302.6 g/mi)*

Fuel consumption of the Audi RS3 Sportback

Combined fuel consumption in l/100 km: 8.4 – 8.3 *(28.0 – 28.3 US mpg)*;

Combined CO₂ emissions in g/km: 192 – 189 *(309.0 – 304.2 g/mi)*

Fuel consumption of the Audi TT Coupé

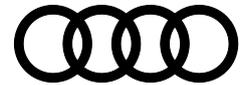
Combined fuel consumption in l/100 km: 8.4 – 4.6 *(28.0 – 51.1 US mpg)*;

Combined CO₂ emissions in g/km: 192 – 122 *(309.0 – 196.3 g/mi)*

Fuel consumption of the Audi TT Roadster

Combined fuel consumption in l/100 km: 8.5 – 4.7 *(27.7 – 50.0 US mpg)*;

Combined CO₂ emissions in g/km: 194 – 126 *(312.2 – 202.8 g/mi)*



Fuel consumption of the Audi TTS Roadster

Combined fuel consumption in l/100 km: 7.5 – 6.9 *(31.4 – 34.1 US mpg)*;

Combined CO₂ emissions in g/km: 173 – 159 *(278.4 – 255.9 g/mi)*

Fuel consumption of the Audi TTS Coupé

Combined fuel consumption in l/100 km: 7.3 – 6.7 *(32.2 – 35.1 US mpg)*;

Combined CO₂ emissions in g/km: 168 – 155 *(270.4 – 249.4 g/mi)*

Fuel consumption of the Audi TT RS Roadster

Combined fuel consumption in l/100 km: 8.5 – 8.3 *(27.7 – 28.3 US mpg)*;

Combined CO₂ emissions in g/km: 194 – 189 *(312.2 – 304.2 g/mi)*

Fuel consumption of the Audi TT RS Coupé

Combined fuel consumption in l/100 km: 8.4 – 8.2 *(28 – 28.7 US mpg)*;

Combined CO₂ emissions in g/km: 192 – 187 *(309 – 300.9 g/mi)*

Fuel consumption of the Audi A4 Avant

Combined fuel consumption in l/100 km: 8.8 – 3.8 *(26.7 – 61.9 US mpg)*;

Combined CO₂ emissions in g/km: 200 – 99 *(321.9 – 159.3 g/mi)*

*Fuel consumption and CO₂ emissions figures given in ranges depending on the tires/wheels used. Further information on official fuel consumption figures and the official specific CO₂ emissions of new passenger cars can be found in the “Guide on the fuel economy, CO₂ emissions and power consumption of all new passenger car models,” which is available free of charge at all sales dealerships and from DAT Deutsche Automobil Treuhand GmbH, Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, Germany (www.dat.de).