



Audi Hungaria: Audi's 3-cylinder engines sniffed by robot

Győr, 20 April 2021 – There are more than one and a half million engines produced at Audi Hungaria each year.

The world's largest engine factory manufactures five different Otto and three different diesel engine variants, as well as a family of electric drives in the 63kW (86 HP) and 470kW (639 HP) range. The smallest engine made in Győr is highly efficient, but at the same time lends the car a truly sporty and vibrant dynamism. Audi Hungaria has been manufacturing the 3-cylinder, turbo charger-equipped petrol engine for three years, with more than 360,000 units made to date for various models of the Volkswagen Group.

The 3-cylinder drive is subjected to numerous inspections at the Győr plant before delivery. Among other things, fuel leakage is examined using a so-called 'sniffer robot', which analyses the seals of the fuel system, and upon detecting fuel immediately signals the problem. The robot also ensures the traceability of measurement results through saved data. By using the 'sniffer robot', staff are also able to avoid coming into contact with fuel.

In addition to Audi Hungaria, there are multiple sites within the Group manufacturing R3 1.0 TSI engines for Audi, Volkswagen, Seat and Skoda models. Cars equipped with this drive are primarily popular in Germany, Great Britain, Italy, Spain and France. The engine is calibrated for 95, 110 or even 128 HP performance, and as such Volkswagen Group sites across the world primarily install it in models used in urban transportation.

The 3-cylinder petrol engine is installed in four Audi models (Audi Q2, A1 Sportback, A3 Limousine and the A3 Sportback), five Seat models (Seat Arona, Leon, Leon ST, Ibiza, and the Ateca), seven Skoda cars (Skoda Rapid, Fabia, Karoq, Scala, Kamiq, Octavia and the Octavia Combi), as well as eight Volkswagen models (Volkswagen Golf, Golf Variant, Polo, up!, T-Roc, T-Roc Cabrio, T-Cross and the Virtus).

Engine production at Audi Hungaria started in 1994. The first engine in Győr was a 4-cylinder 5-valve power unit. Over the years, the portfolio of engine production has been expanding continuously, and in addition to internal combustion engines, the Győr plant has also been manufacturing electric drives since 2018. The company manufactures engines for 37 vehicle production sites of the Volkswagen Group.

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Seated in Győr AUDI HUNGARIA Zrt. is a member of the Audi Group and a central engine supplier for the Audi Group and the Volkswagen Group. The company produces close to 2 million engines, including electric engines, each year. The models produced at the Győr plant include the Audi TT Coupé & TT Roadster, and the Audi Q3 and the Audi Q3 Sportback. Audi Hungaria supplies members of Volkswagen Group with various aluminium car body parts, and also performs increasingly significant development activity (drive and vehicle development). Audi Hungaria has, for several years, been amongst the Hungarian companies boasting the biggest turnovers and export volumes, as well as being one of the biggest investors into the Hungarian automotive industry. As at the end of 2020, Audi Hungaria employed 12,226 staff members.
