

## Facts and Figures

### ITALDESIGN GIUGIARO S.p.A.

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Year of incorporation	1968
Headquarters	Moncalieri, Turin – Italy
Chief executive officer	Jörg Astalosch
Workforce (as of: 31. December 2020)	912
Turnover 2020	166.2 million Euro

### ITALDESIGN: FIVE DECADES AT THE FOREFRONT

Since 1968, Italdesign has been operating in the automotive industry as a service company specialized in Design, Engineering and Prototyping serving OEMs worldwide. The company has broadened its competences, services, operational areas and number of employees over the years. Today, Italdesign is a turnkey-project service provider and a reliable development partner able to offer integrated services and assist carmakers in the whole development of future vehicles. Part of the Volkswagen Group since 2010, headquartered in Moncalieri (Turin, Italy), employing 1,000 people in Italy and abroad, Italdesign never changed its mission of being a major player in the mobility world and of influencing market changes with new and innovative designs as well as technologies.

With the increasingly evolving mobility needs, nowadays Italdesign is also deeply involved in new mobility solutions for the entire world as an 'innovation incubator' and an 'acceleration platform'

and has structured new departments dedicated to investigating on the optimization and the innovation of public services for future smart cities.

The company is part of the City of Turin Lab for Autonomous and Connected Driving in Urban Environment for the ideation, creation and realization of Smart Roads. Italdesign is Top Employer 2021.

#### **40 YEARS AT THE SERVICE OF INDUSTRIAL DESIGN**

The Industrial Design Division of Italdesign, one of the most renowned design and development automotive companies on a worldwide level, was established in 1981. Headquartered in Moncalieri (Italy), it operates internationally also by means of its staff in Spain, Germany, UK, Netherlands, Turkey, Russia, China, Japan and Korea. In 40 years of experience, the company has achieved a solid know-how, while working in several fields and co-operating with national and international organizations: over 1,000 projects were accomplished from concept design to production.

At the base of Italdesign's versatility is the adoption of a working method suitable for any product and enabling to develop a project for the various possible fields of application, sticking to the same exacting approach. Thanks to the cutting-edge techniques used both in designing and three-dimensional modeling, Italdesign boasts competitiveness in the project development timing and hence in the time-to-market areas, generating long lasting partnerships.

#### **ITALDESIGN TO DEVELOP AN ANTI AQUAPLANING SYSTEM WITH BOSCH AND ITALIAN START-UP EASYRAIN**

The Easyrain AIS (Aquaplaning Intelligent Solution) is the first system capable of effectively countering aquaplaning. A dangerous phenomenon, the cause of tens of thousands of accidents every year, all over the world.

Thanks to a controlled water jet injected ahead of the front wheels, the system is able to restore the grip of the tire and the control of the vehicle, breaking the excessive layer of water on the asphalt that the tires cannot dissipate.

AIS, characterized by a hydraulic system consisting of a pump and two foldable injectors, is activated thanks to the Easyrain DAI (Digital Aquaplaning Information), the proprietary activation software. The virtual sensor recognizes the onset of aquaplaning, instantly informing the system. Last February, the AIS has been successfully tested during dynamic tests on a closed circuit, on an Audi A6.

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