



Audi



„We have relied on Fronius technology since 2013 – and it hasn't let us down at all. The chargers impressed us right down the line.“

Walter Ferstl
Factory logistics planning

/ The headquarters of AUDI AG in Ingolstadt, Bavaria is the Group's largest production plant and the second largest car factory in Europe. Logistics is one of the most important factors contributing to the smooth running of the site; a factor that has become far more complex, and yet even more powerful as the number of models and variants has increased. Around 2,000 forklift trucks are in operation in the factory halls.

/ As Audi operates a three-shift working model, spare batteries are available for the countless vehicles in use at the site. To ensure that the full range of different battery types can be charged flexibly, the company has opted for the latest generation of Selectiva battery charging systems from Fronius. The car manufacturer was a partner during the development of these devices, which gave Audi the opportunity to put their own ideas and requirements on the table and incorporate them into the design process.

/ Thanks to the innovative Ri charging process, the Fronius devices offer a number of key benefits: the energy loss during charging is lower and warming of the battery is reduced to a minimum, to name but two. The display indicates at a glance which battery has been fully charged the longest (and is therefore the coolest), helping Audi to cut the total operating costs of the forklift truck fleet. CO₂ emissions during charging have also been cut – a significant contribution to the firm's ambitious environmental protection targets.



CUSTOMER INFORMATION

Company name	AUDI AG
Location	Ingolstadt, Germany
Sector	Vehicles, vehicle parts and accessories
Forklift truck brand	Still, Linde, Jungheinrich, Volk
Battery brand	Hoppecke, Hawker Energys
Fronius portfolio	Battery charging systems Selectiva
Accessories	Charging racks, external start/stop, external displays