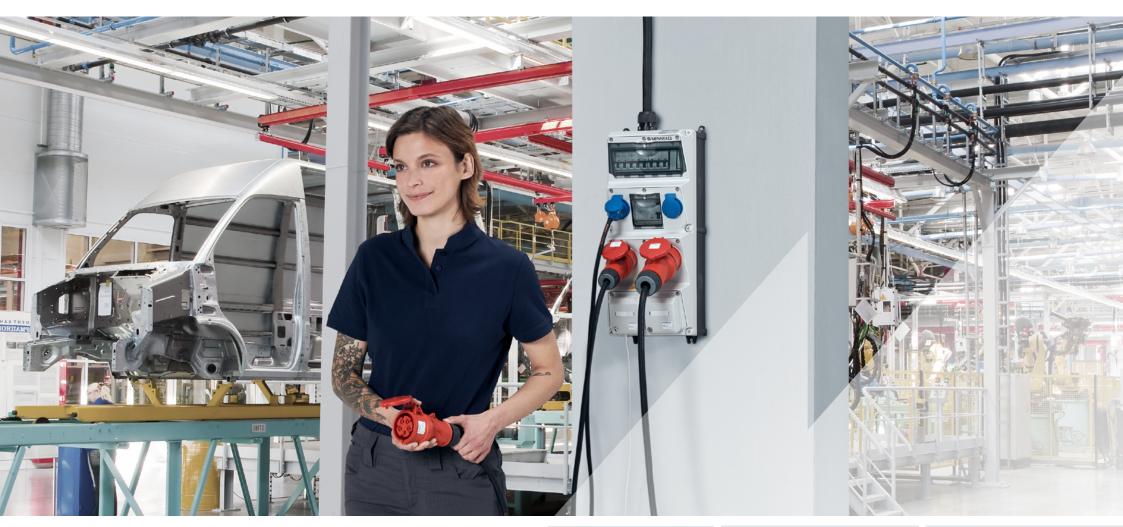
Power your Automotive Industry



SOLUTIONS FOR AUTOMOTIVE PRODUCTION













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Power supply for the automotive industry

Since 2014, by law the "Type 2" plug developed by MENNEKES is standard equipment for all electric vehicles throughout all of Europe. In addition to charging cables, charging systems and the suitable inlets for automobiles, we are also represented in other aspects of vehicle manufacturing. For years manufacturers and suppliers to the automotive industry have relied on our combination units as well as plugs and sockets.

From the smallest integrated component to body assembly: The manufacturing of passenger vehicles and trucks is made up of many steps that must be coordinated in the utmost detail. Production robots and qualified personnel work together on the meticulously planned manufacture of vehicles. All machines must run faultlessly and assembly lines must always be in motion – this requires a reliable, uninterrupted power supply.

Our AMAXX® wall mounted combination units and suspendable energy distributors enable a comprehensive power supply in large production facilities. Moreover, in our PowerTOP® Xtra series we offer robust plugs and connectors that optimally meet the rigorous requirements of the automotive industry. All MENNEKES product solutions are equipped with our proven connection technologies, ErgoCONTACT®, SafeCONTACT, TwinCONTACT or screw contact, that enable fast and easy installation and maintenance.







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Plant technology of the automotive industry

Every day thousands of newly-produced automobiles roll off the assembly line – this is possible because operators are working constantly and machines are in continuous use. Assembly lines, assembly robots, and other sections of the production line must be reliably supplied with fail-safe power, to enable efficient production. MENNEKES offers the right product solutions for this plant technology. We are proud of an ongoing and increasing collaboration with manufacturers and suppliers to the automotive industry, where our plugs and sockets have been used for many years.

We support our customers at each step of the manufacturing process – our combination units, plugs and connectors are installed in the equipment production phase. The combination units in our AMAXX® product family offer many advantages: The standardized enclosure dimensions always have the same bores and installation procedures, however you can also configure AMAXX® to meet your specific requirements.

In addition, the robust and impact-resistant PowerTOP® Xtra plugs and connectors are particularly easy to handle, thanks to our innovative contact-sleeve technology. Our global sales network enables us to easily reach all customers around the world. Find the right product for your production facilities; our team is at your service and would be pleased to answer any questions from the planning to the conclusion of your project.







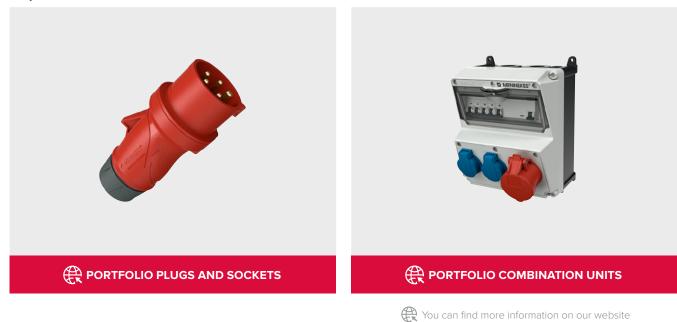
Plant technology of the automotive industry Portfolio

Plugs and sockets for the Automotive industry

The robust MENNKES plugs and connectors withstand the high demands of the automotive industry and have been tried and tested worldwide. All product solutions are equipped with proven connection technologies that enable quick and easy installation and maintenance.

Combination units for the Automotive industry

MENNEKES offers wall mounted combination units and suspended power distributors that enable comprehensive power supply in large production halls. We support our customers at every step of production.







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Building technology of the automotive industry



The automotive industry is a stable economic sector in Germany and throughout the world. Through the development of electric vehicles and the associated development of new markets, manufacturers and suppliers require ever-more and ever-larger production sites. A seamless power supply is essential in the factories and the surrounding facilities. Manufacturers and service providers around the world use MENNKES product solutions for trouble-free energy distribution.

We support our customers in their planning with our decades of experience gained through partnerships in the automotive industry and in other industries. In this regard, we always focus on our customers' specific requirements. Our AMAXX® combination units have standardized enclosure sizes, however, they can also be modularly configured to meet specific requirements. In addition to CEE sockets and SCHUKO® sockets, our combinations are also available with data ports and compressed air connection.

For energy distribution in areas of the production facility that are difficult to access, we offer the 3KRAFT® and AirKRAFT® suspendable combinations. For supplying power in outdoor areas our stainless steel CombiTOWER® is available as a weather-resistant enclosure for AMAXX® combinations.

Moreover, plugs and connectors from the PowerTOP® Xtra product family are also used. These robust plugs and connectors have proven their worth in the automotive industry around the world. Thanks to innovative connection technologies you can quickly install and easily maintain our product solutions. Our product specialists would be pleased to help you find the right plugs and sockets for your project.





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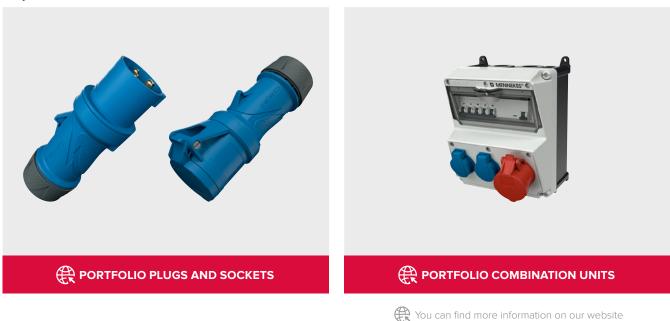
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Contact persons at **MENNEKES**.



Do you have questions about our solutions and products? You can find our contact persons on our website:





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MY POWER CONNECTION We are **MENNEKES**.

The MENNEKES Group is the world's leading provider of industrial plugs and sockets and e-mobility charging solutions. Our "type 2" charging plug has been the official standard connector for electric vehicles throughout the European Union since 2014. Since our familyowned company was founded in Germany's Sauerland region back in 1935, it has spread around the world and is currently represented in 90 countries by subsidiaries with a total workforce of around 1,600 employees.





We produce plugs and sockets and combination units in a vast range of types and models.

Our robust, long-lived solutions are deployed wherever electric power needs to flow reliably and consistently: in industrial applications, railway and transport companies, mining and shipbuilding industry, in container ports and at airports, on trade exhibitions, in stadiums and data centres. In the field of e-mobility, MENNEKES supplies appropriate solutions and equipment for future mobility. Our range includes charging plugs and cables, intelligent charging columns and wallboxes, billing services and a network of trained installers – for private, industrial, commercial and public applications. For the automotive industry and its suppliers, we also make charging inlets and cables for electric cars.