



**WE ARE YOUR
E-SOLUTION**



**QUAN
TRON**

Q-LOGISTICS

100 % ELECTRIC

100 % EMISSION-FREE

100 % POWER



Dear Customers,

at Quantron AG, we provide you with innovative and practicable **e-mobility solutions** for inner-city and regional passenger and freight traffic. We are already providing answers for all crafts enterprises, passenger transport and logistic companies affected by driving bans and higher charges, as well as for airports and municipal companies with our e-waste vehicles. Thanks to our commercial **vehicles with fuel cell systems (hydrogen)**, we also offer emission-free alternatives for long-distance transport missions. We can serve all of your needs - today! Thanks to our own Q-Engineering and our **Q-Battery** division, we are able to develop and implement individual solutions for you. Get in touch today and we walk you thru from the first to the last step!

Best regards,

Your Andreas Haller | Founder & Chairman of the Board of Quantron AG

NEW, STOCK OR USED

Quantron AG offers you field-tested, state of the art and emission-free solutions for your transport of goods or passengers. We have different approaches: either we convert and electrify your existing vehicle or we take a young used one from the market. Otherwise we electrify a brand new vehicle - everything according to your individual requirements and wishes.

QUANTRON INFRASTRUCTURE

No matter if charging station or wallbox, if classic or fast charger, we support you with the necessary infrastructure according to your requirements. For easy handling, modern payment systems are integrated into our Q-Charging models.

THINK GREEN

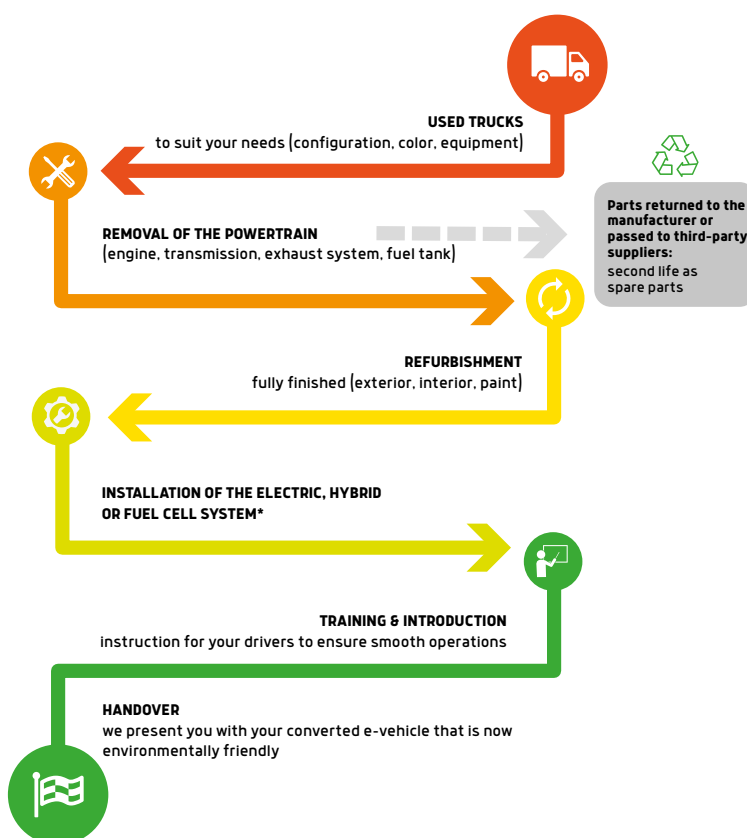
Second Life Vehicle

We give used vehicles and buses a second, environmentally friendly life. A high potential for climate protection and resource management.

Second Life Battery

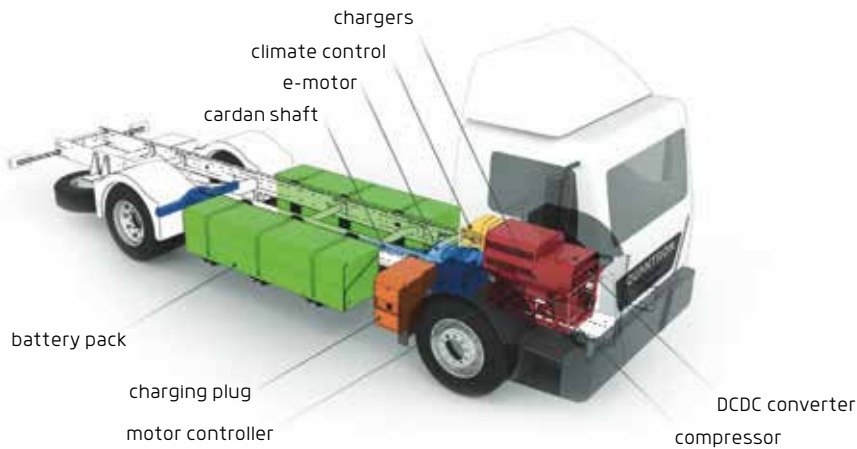
Once the batteries reach their physical end as a traction system, we reuse them as energy storage solution (e.g. as energy storage in combination with photovoltaic, for charging e-vehicles and trapping power surges).

OUR SUSTAINABILITY CONCEPT - Q-REPOWERING



*the corresponding components for the drive type are installed, e.g. e-motor, batteries, power electronics, fuel cell, hydrogen tank

THE FUTURE STARTS NOW! E-MOBILITY FOR YOUR DAILY LOGISTIC BUSINESS.



DRIVE

Quantron offers the optimum drive profile for a wide variety of logistic vehicles. From vans with 3.49 t to 7.2 t, through the mid-range from 7.5 t to 18 t total weight up to the heavy section from 26 t to 44 t, individual solutions are available for a safe transport. Efficient and economical: the emission-free drive is individually adapted to the transport task, use of recuperation as braking energy and elimination of the previously usual time-consuming maintenance work.

APPLICATION / DRIVING EXPERIENCE

The Quantron trucks are quiet in operation and absolutely emission-free. The drivers, employees in goods distribution centres, people in the city centres and personnel in the loading and unloading areas are less burdened by noise and air pollution. The good torque development of the electric drive and the simple operation of the e-truck support the driver optimally. Useful additional equipment, such as the GPS tracking, enables a controlled and uncomplicated operation of the electric vehicle fleet.

CHASSIS

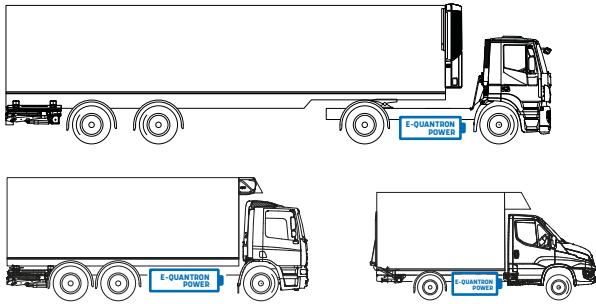
Together with you, Quantron will configure the chassis that best suits your requirements, incorporating your fleet expertise. The requirements for payload, driving performance, range, body configuration and maneuverability are taken into account individually.

BATTERY

Your Quantron truck is equipped with modular battery packs. By analyzing your specific mission profile, we configure the ideal battery capacity for your application. This results in the required ranges with optimal loading times and necessary payload.



Q-CITY LOGISTICS

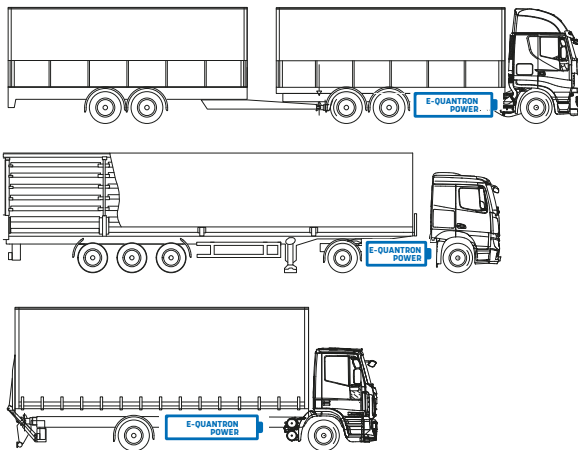


⚡ 80 - 550 kW 🔋 80 - 630 kWh
 📍 up to 500 km 🚛 3,49 t - 44 t

Our society is developing a growing environmental awareness. People are suffering from bad air and traffic noise from vans and trucks. The policy is reacting with driving bans and higher taxes. Whether craftsman business, parcel service provider or food distribution, everyone is affected as soon as you have customers or deliveries and pick-ups in urban or noise-sensitive areas.

With our practical, high-performance electric vehicles, you drive quietly and emission-free, supply your existing customers without restrictions and also win new customers (upgrading your own brand image). You also create a better working environment for your employees.

Q-PLANT LOGISTICS

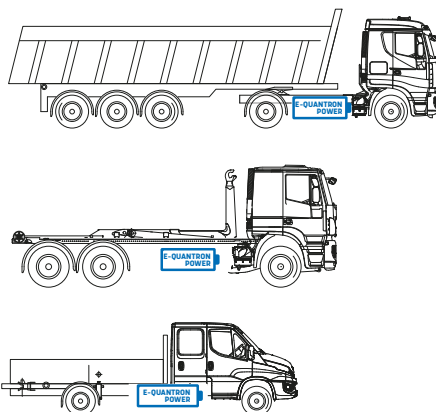


⚡ 235 - 550 kW 🔋 130 - 630 kWh
 📍 up to 500 km 🚛 12 t - 44 t

Especially in the field of plant logistics, the electrification of vehicles makes absolute sense. The quiet and emission-free transport not only improves the living conditions of the residents on the access roads to industrial estates, but above all the working conditions of the plant employees. Whether employees or goods are transported on the company ground or parts are transported from supply centres to production lines and finished components are shipped, the vehicles cover the same distances every day.

Normal diesel trucks are rather unsuitable for these distances of mostly a few kilometres with frequent stops. They do not reach the necessary operating temperature to comply with the exhaust emission standard. Consumption and wear also increase. The e-vehicles have distinct benefits: the performance is perfect for all transport conditions, the battery capacities are dimensioned cost-efficiently, the option for intermediate charging exists during loading and unloading activities, the maintenance and operating costs as well as the wear are lower.

Q-PORT LOGISTICS



⚡ 80 - 550 kW 🔋 80 - 630 kWh
 📍 up to 500 km 🚛 3,49 t - 44 t

This segment covers a broad spectrum of transport tasks, including unit, bulk and container goods: for example, transport between port cranes and your own or customer storage locations, delivery of goods to distribution centres, delivery directly to and collection from customers. The vehicles for the transport missions must be powerful and reliable.

Whether it's a van, tractor, trailer or swap body, Quantron trucks are equipped with the fitting drive solution and battery configuration to fulfill your individual demands. Your advantages: among other things, the maximum torque is available right from the start, lower maintenance and operating costs compared to classic diesel trucks, no long downtimes due to costly maintenance work (e.g. no classic oil and filter exchange and cleaning of the exhaust system), everything is transported quietly and emission-free (new, more efficient processes possible e.g. in warehouses).



Q-Benefit

Ecological and economical: everything from a single source, cost savings, ideal for stop-and-go operations, new delivery potential, more efficient processes, improved working environment.



Q-Consult

Individual analysis of the status quo: vehicles, cargo, route profiles, range, charging infrastructure, energy concepts as well as performance audit: cost analysis (expenditure, savings), government subsidies, financing. Application for possible individual-based funding.



Q-Truck

Industry-specific solutions according to the individual deployment profile: model, design, equipment, performance, range. Thanks to our own e-engineering, special solutions can also be realised.



Q-Emotion

Resource conservation thanks to re-manufacturing. Quiet and emission-free driving. Immediate maximum torque from a stationary position. Compensation for CO2 emissions from battery production by converting used and existing vehicles.



We are your
e-solution



Q-Experience

Over 138 years of experience in the commercial vehicle business of the Haller Group.
We know the vehicles, market and requirements.



Q-Service

The focus is on economic efficiency, flexibility and mobility for the customer. Service, maintenance and repair with reliability and quality at over 700 service points strategically positioned across Europe.



Q-Finance

Individual solutions for renting, buying, financing and leasing in order to be cost-efficient on the road with your Q-Truck.



Q-Power

Battery solutions ranging from A for selecting the most appropriate battery capacity through to Z for putting together individual battery configurations. Very high availability.



Q-Charge

Green power and intelligent charging solutions (charging stations at your premises and, for example, at unloading points on the way) to increase efficiency and to minimize charging times and costs.

////////////////////// **QUANTRON NETWORK: STRONG TOGETHER!** ////////////////////////

Combined quality for your commercial vehicles in more than 700 service centres throughout Europe!

Alltrucks Truck & Trailer Service - that's our answer for your commercial vehicle maintenance and repairs.

As a partner of the full-service workshop concept of the three leading suppliers Bosch, ZF and Knorr-Bremse, we offer you quality and competence at the very highest level. And namely for the service, maintenance and repair of your entire commercial vehicle fleet. Regardless of whether it is a transporter or truck, whether MAN, Mercedes, Scania, IVECO or DAF, we support and help you so that you can fully concentrate on what is essential: the problem-free processing of all your orders.

ALLTRUCKS
TRUCK & TRAILER SERVICE



KNORR-BREMSE



BOSCH



QUANTRON AG HEADQUARTER
AUGSBURG, GERMANY

QUANTRON AG SALES POINTS
ULM, GERMANY
SCHAFFHAUSEN, SWITZERLAND
OSLO, NORWAY
BOLOGNA, ITALY
MARTINEZ VILLERGAS, SPAIN
TEL AVIV, ISRAEL
RIO DE JANEIRO, BRAZIL
LAGOS, NIGERIA
FERNDAL, MI USA



STANDARDIZED LI-ION TRACTION BATTERY

- Individual, cost-effective, flexible and powerful battery solutions for different applications
- Convert existing or smaller vehicle series to electromobility
- Save up to 500.000 € development and certification costs
- Configured within a few hours, regardless of vehicle type
- Safety patent



serial and/or parallel
interconnectable



2,5 - 720 kWh
module energy



24 - 800 V
module voltage



battery management
system



DOD (depth of
discharge) 90 %



temperature
control



Official service partner

Q-MOBILITY

Q-POWER

Q-SERVICE



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