

**WE ARE YOUR
E-SOLUTION**



**QUAN
TRON**



Q-AIRPORT LOGISTIC

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 and CEO 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

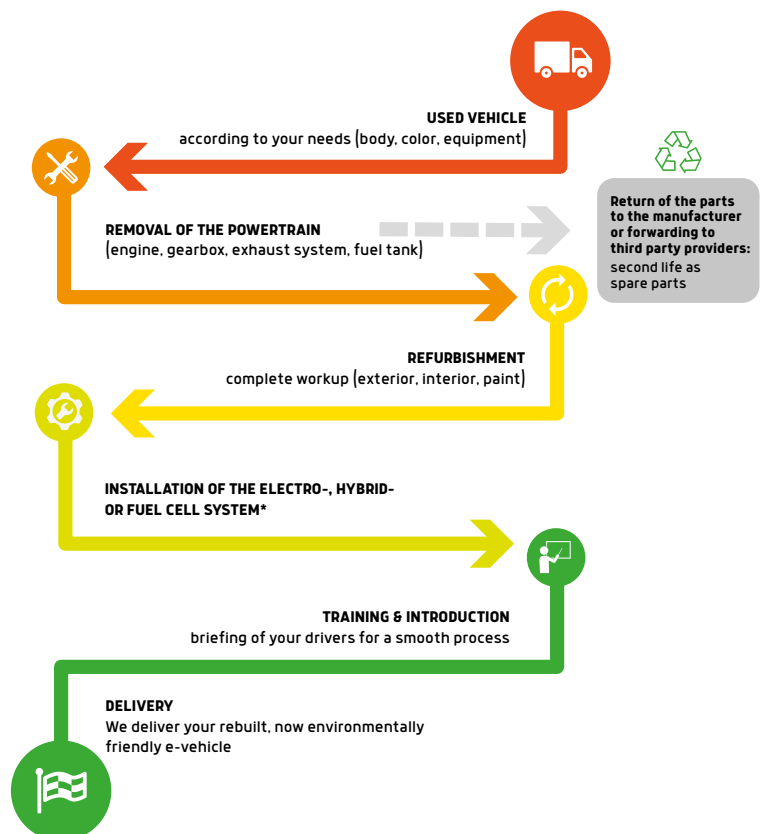
Second Life Vehicle

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).

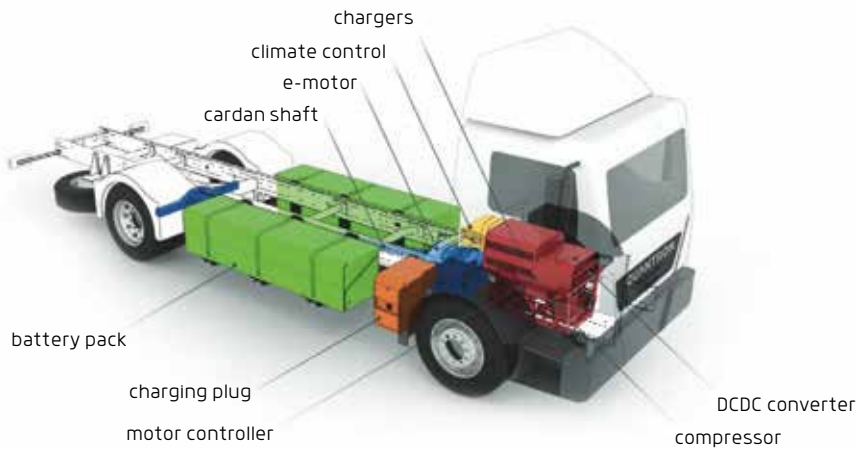
OUR SUSTAINABILITY CONCEPT - Q-REMANUFACTURING



*[depending on the type of drive, the corresponding components such as motor, batteries, power electronics, fuel cell, hydrogen tanks are installed]

QUANTRON E-AIRPORT LOGISTIC BUSINESS

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



DRIVE

Quantron offers the optimum drive profile for a wide variety of airport 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 also for passenger transport are available. 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 and absolutely emission-free when used on the airport apron as well as for deliveries and pick-ups. The drivers, apron employees, airport staff and air passengers 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

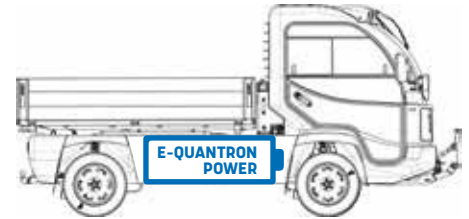
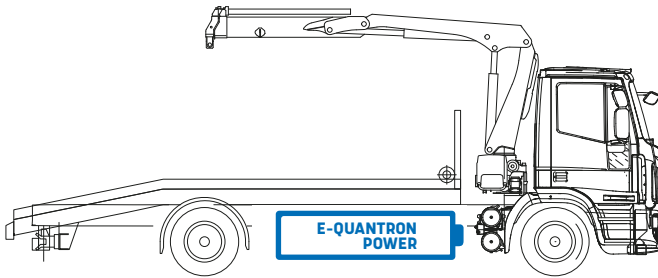
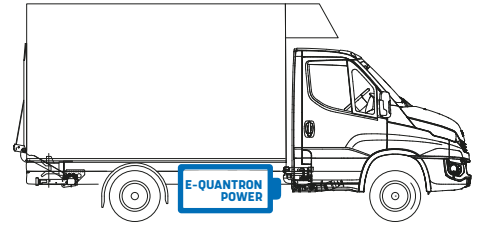
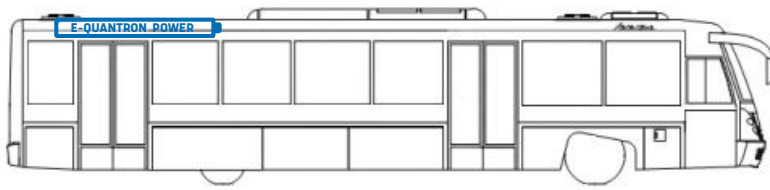
Together with you, Quantron will configure the chassis that best suits your requirements, incorporating your fleet expertise. The requirements for payload, driving performance, range, body configuration and maneuverability are taken into account individually.

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-AIRPORT LOGISTIC BUSINESS



⚡ 2x16 - 550 kW 🔋 49,5 - 630 kWh 📍 up to 250 km 🚛 3,49 t - 44 t

The work on the airport apron as well as pick-ups and deliveries on the site are usually all handled with appropriate vehicles. They have a wide variety of sizes and superstructures in order to serve their purpose optimally: including catering vehicles, toilet disposal and fresh water vehicles, apron security vehicles, green area maintenance vehicles, shuttles, baggage transport vehicles as well as tractors for baggage trailers, lighting vehicles, fire protection and security vehicles.

They should be safe, robust, durable and easy to work with.

In the meantime, however, another increasingly important factor has come into play: these vehicles should also be environmentally friendly. But this can hardly be

guaranteed with conventional combustion engines. They do not reach the necessary operating temperature to comply with the exhaust emission standard because of short driving distances and frequent stops. This also increases fuel consumption and wear.

E-mobility clearly scores here: for these low-noise and zero-emission vehicles, the operating temperature is irrelevant. The performance of the electric drive is perfect in all operating and transport conditions. The drivers, apron employees, airport staff and air passengers are less burdened by noise and air pollution. In addition, these vehicles are always used on the same routes or in the same tasks. Thus, the respective battery capacities can be configured cost-efficiently and intelligent charging concepts can be integrated into daily use.



Q-Benefit

Ecological and economical: everything from a single source, cost savings, ideal for stop and go applications, new delivery potentials, more efficient processes, better working environment.



Q-Consult

Individual analysis of the status quo: vehicles, cargo, route profiles, range, charging infrastructure, energy concepts. Performance audit: cost analysis (expenditure, savings), government subsidies, financing. Application of the individual possible subsidy.



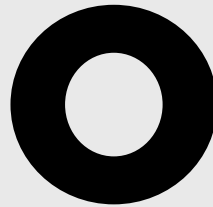
Q-Truck

Sector solutions according to the individual mission profile: model, construction, equipment, performance, range. Due to our own e-engineering we are able to create special solutions.



Q-Emotion

Conservation of resources thanks to remanufacturing. Quiet and emission-free driving. Max. torque right from the start. Compensation of CO2 emissions of the battery production by the conversion of used and stock vehicles.



WE ARE YOUR E-SOLUTION



Q-Experience

Over 138 years of experience in the commercial vehicle business out of the Haller Group.

We know the vehicles, the market and requirements.



Q-Service

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



Q-Finance

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



Q-Power

Battery solutions for every requirement. We find the suitable battery capacity and put together your individual battery configuration.

Very high availability.



Q-Charge

Green power and intelligent charging solutions (charging stations at your company and e.g. at unloading points for intermediate charges 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 centers throughout Europe!

Alltrucks Truck & Trailer Service - that's our answer for your commercial vehicle service. 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 highest level. For the service, maintenance and repair of your entire commercial vehicle fleet. Whether transporter or truck, whether MAN, Mercedes, Scania, IVECO or DAF, we support and help you, so that you can concentrate on the essentials: 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
OSLO, NORWAY
BOLOGNA, ITALY
MARTINEZ VILLER GAS, SPAIN
TEL AVIV, ISRAEL
RIO DE JANEIRO, BRAZIL
LAGOS, NIGERIA



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



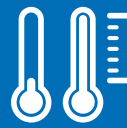
24 - 800 V
module voltage



battery management
system



DOD (depth of
discharge) 90 %



temperature
control



Official european importer

Q-MOBILITY | Q-BATTERY | Q-ENGINEERING



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PRESENTED BY:

