

INDUSTRY
ELECTRONIC DC LOAD
SERVICE
AUTOMOTIVE
TRADE
MULTI-CHANNEL LOAD
MILITARY
SUPPORT
ELECTRONIC AC LOAD
RAIL INDUSTRY
POWER DISTRIBUTION
R+D
ENERGY RECYCLING
SOURCE-SINK
AEROSPACE
RENEWABLE ENERGIES
MEDICINE
HIGH TECH
**ENVIRONMENTAL
DECLARATION**



WE TAKE RESPONSIBILITY FOR THE ENVIRONMENT.

Laura Hackl-Späth, Marco Höcherl, CEOs

Protecting the environment - this means that we think of our children. In a time of rapidly advancing globalization and rapid technological growth, it is becoming clearer every day how limited our planet's resources are.

Resources that appeared to us recently to be infinitely available - such as water and air - are now recognized as limited or massively threatened in their purity.

The responsible handling of nature's valuable raw materials is therefore a fundamental component of H&H's corporate philosophy. Only the consistent observance of ecological findings can ensure the long-term success of our company.

For this reason, we introduced a quality management system according to DIN EN ISO 9001 in 1999, which, together with the applicable occupational health and safety regulations, represents the indispensable prerequisite for our entrepreneurial activities.

The H&H environmental management system is implemented as part of our quality management system and is monitored and audited within this framework. Procedural instructions and associated work instructions regulate all environmentally relevant processes. H&H is committed to integrating environmental considerations into all decision-making processes to

- save resources
- decrease energy consumption
- limit the variety of materials
- raise the environmental awareness of employees

H&H wants to engage in an open dialogue with employees, customers and suppliers regarding the environment and thereby advance the process of continuous improvement.

HÖCHERL & HACKL

SPECIALIST FOR ELECTRONIC LOADS.

For more than 35 years Höcherl & Hackl has been a developer and manufacturer of electronic loads and systems for testing power supplies, energy storage devices and fuel cells. We can look back on many years of stable company development. Due to continuous growth, we were able to establish our company as one of the leading suppliers of electronic loads in the German market as well as in international markets.

Comprehensive Product Portfolio

During this time, we have expanded our product portfolio step by step. Innovative and environmentally friendly solutions, such as the development of products that enable energy to be fed back into the local power grid, have a solid place in our product range today. In addition to a wide range of standard products, we also develop and manufacture product variants that are tailored to the requirements of our customers.

With 47 employees, we develop and produce an extensive portfolio of electronic loads for the world market.

H&H Offers the Complete Power Spectrum

At our site in Konzell we cover the entire spectrum of value creation: Product development, mechanical design up to series maturity, production up to commissioning, quality assurance and provision of all necessary service and support.

Software development is also in our hands.

We have all the resources and the complete know-how to further develop our products in a targeted manner and to implement and support tailor-made special solutions for our customers with the necessary detailed knowledge.



Short distances and ecologically efficient production: product development, production, service and support are all centralized here.

RESPONSIBLE & ENVIRONMENTALLY CONSCIOUS

WE FOCUS ON SUSTAINABILITY.

The key to our actions is the satisfaction of our customers. We are constantly developing our products and services in order to meet the wishes and expectations of our customers.

The aspect of „continuous improvement“ required by DIN EN ISO 9001 is practiced daily by the management and all our employees.

The philosophy of long-term success is reflected in the history of our company. Since its foundation in 1986, we have continuously developed:

1986	Company foundation as a company partnership
1990	Transformation to a GmbH
1992	First apprentice is hired
1995	New construction of a production hall in Konzell
1999	Certification according to DIN EN ISO 9001
2001	Extension of the company building
2014	Construction of an extension building
2017	Energy recovery loads
2023	Management handed over to Laura Hackl-Späth and Marco Höcherl
2024	more than 40 employees

Our most important corporate values are professional competence, reliability and honesty. This is the basis for our corporate culture.

Our product development aims at longevity, reliable functioning and tailor-made functionality. This is environmentally friendly, because the long-term use of our products conserves resources sustainably. In our relations with colleagues, partners and customers, competence, reliability and honesty are the focus of our actions.

With this successful strategy, H&H has developed and established itself as a leading supplier of electronic loads.

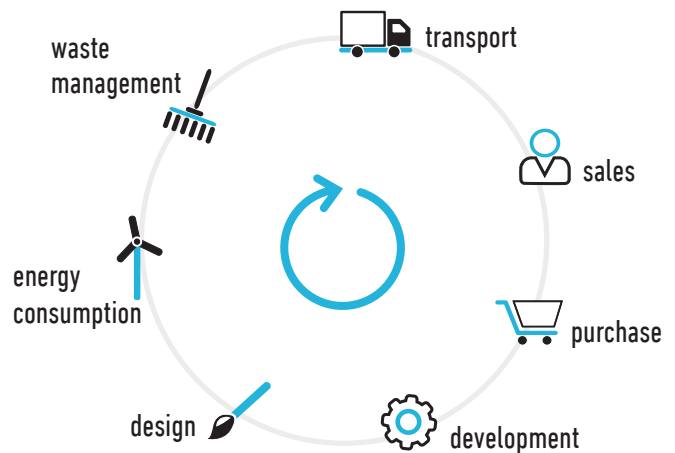
ENVIRONMENTAL GOALS ARE CORPORATE GOALS.

Environmental goals are firmly anchored in our corporate goals. Due to our focus on sustainable product quality, we also focus our services on measures that contribute to longevity.

For example, we supply a free Factory Calibration Certificate (FCC) with all our devices and calibrate the delivered devices a second time free of charge within 2 years.

We carry out repairs - even for devices from the first hour - as long as spare parts are available or can be purchased.

Our value chain spans the entire product life cycle: we develop and manufacture our products ourselves. Furthermore we purchase all components and maintain our own sales department.



Goals and measures that continually improve our environmental balance sheet are set out in our „Environmental and Sustainability Working Instructions“.

For each individual area, we define precise environmental goals and appropriate measures to achieve them. We distinguish between the following areas:

- materials management
- goods receipt and shipping
- production
- waste management
- product development
- energy sector
- location and buildings
- staff

CONSCIOUS DESIGN. CREATING GENUINE VALUES.

Design und Construction

When designing our products, we attach great importance to durable, environmentally and repair-friendly products. We take care to use materials with a low environmental impact.

Contribution to High Quality Standards

Our products and services create ecological added value – e.g. in renewable energy, e-mobility and research and development. With the introduction of regenerative electronic loads, our products make an active contribution to energy savings.

In the case of solar modules, H&H products with an improved Maximum Power Point Tracking function optimize the product's energy efficiency.

HIGH PRODUCT QUALITY IS A MATTER OF FACT

Made in Germany

Our products developed and manufactured in Germany meet the highest quality standards.

- Warranty 2 years, optional extension by 2 years
- Durability due to robust construction and intelligent design
- DIN certifications: DIN EN ISO 9001 since 1999



THE ENVIRONMENTAL IDEA SHAPES OUR DAILY ACTIONS.

The ecological balance of all operational processes can be further improved by many ideas. Ecological optimization is a guiding principle in numerous areas of operational activities:

- Preferred cooperation with partners from the local region
- Formation of driving communities among employees
- No need for Christmas cards and unnecessary promotional gifts
- Instead, support for non-profit organizations such as „Helfer vor Ort“
- Think before you print – reduction of paper consumption: we prefer to use electronic media in sales and in everyday correspondence



RESPONSIBLE WITH MATERIALS AND PROCESSES.

The test routines and work instructions defined in our quality management system as well as the observance of all prescribed standards and norms ensure seamless quality in production.

Our employees are always called upon to contribute to improving the environmental balance sheet and increasing quality. To this end, we have developed an environmental guideline as an operational initiative, which is used to train our employees on a regular basis. Environmental goals and associated measures affect all our operations and processes:



Materials Management – Controlled Use of Operating and Auxiliary Materials

- Exclusive use of RoHS-certified components (RoHS: EC Directive on the Restriction of the Use of Hazardous Substances)
- Compliance with REACH certificates (EU Chemicals Regulation)
- Observing statements on the use of conflict minerals (mineral resources, raw materials and other goods from conflict regions)
- Use of rechargeable accumulators instead of disposable batteries

Production/Manufacturing – Environmentally Friendly Processes

- Development, production, service & support under one roof
- Electronic operating instructions instead of printed products
- Lead-free soldering according to the RoHS directive
- Avoidance of new acquisitions through repair of customer equipment
- As far as possible, avoidance of problematic substances and disposable materials

Environmentally Friendly Building and Site Infrastructure

- The use of waste heat from the devices produced on the long-term test bench supports central heating.
- Night reduction of the temperature as well as reduction/switch-off during the company holidays
- Flowering meadows on vacant property areas
- No need to use fertilisers or pesticides
- Use of a mulch mower for returning the lawn cuttings to the ground

Logistics – Minimization of Packaging and Transport Routes

- Minimization of packaging material
- Preference for reusable transport packaging
- Promote the take-back of transport packaging
- Use of returnable packaging
- Summary of orders
- Choice of regional forwarding agents for logistics
- Avoiding long transportation routes by choosing regional suppliers
- Thus limiting air and noise emissions

Waste management – Recycling of Recyclable Material

- Waste disposal is carried out strictly according to recycling criteria
- Aim to reduce the amount of waste we produce
- Consistent waste separation throughout the company
- Compliance with environmentally sound disposal methods for all materials: paper, cardboard, cable waste, metal waste, toner cartridges, batteries, electronic components, old devices and PCs, styro-foam, foils, commercial and domestic residual waste and household waste such as plastic cups, plastic bottles, beverage cartons, glass bottles and organic waste

Energy Management – Careful Use of Resources

- Generally economical use of energy
- Promotion of electricity recirculation and generation
- Step by step change-over to energy-saving LED lighting
- Use of energy-saving switches for IT
- Measures to reduce water use and wastewater generation
- Measures to prevent emissions

Employees – Promoting Environmental Awareness

- Annual training sessions on environmentally conscious behavior
- Stimulation of driving communities



Höcherl & Hackl GmbH

Industriestr. 13
94357 Konzell
GERMANY

+49 9963/94301- 0
office@hoecherl-hackl.com
www.hoecherl-hackl.com