



THE  
SPIRIT  
OF  
KEBA

**KEBA**<sup>®</sup>

Automation by innovation.



# Automation by innovation.

Founded in 1968 in Linz, Austria, KEBA is today an international company which derives its success from technological innovations, exacting quality standards and the dynamic approach and enthusiasm of its employees.

**KEBA technologies help people to shape their living and working environment more easily.**

In its business areas **Industrial Automation, Banking and Service Automation and Energy Automation**, KEBA works continuously on new developments and industry solutions with the objective of creating lasting competitive benefits for their clients.

# Design unites.

**Our core business is designing future-oriented products and services. Development work at KEBA, however, goes one step further:**

Clear control elements, a unified language of form and relentless efforts at all times to make our products even easier to use despite their technological complexity have become the hallmarks of KEBA.

In line with our claim of **“Easy to use”** our products are geared towards the user’s requirements at all times, thus establishing the optimum link to technical challenges.

Our approach in respect of human interfaces represents a mindset that is oriented not only to the future but also to providing a service to people whenever required.

This is why our software concepts begin with a crucial question: What does the user actually want to do? This in turn allows operating logic to develop which is designed in a user-friendly way from the very beginning to the Graphical User Interface.

Numerous awards acknowledge the dedication of our employees. We also see them as a clear signal for the innovative strength of the company on many levels.

*Robotics Award 2014*

*Postal Technology International Award 2013*

*iF Product Design Award 2007, 2008, 2010*

*FFG Österreichische Forschungsförderungsgesellschaft Award of Honour 2008*

*World Mail Award 2004*

*Austrian Innovation Award 2000, 2003*

*Upper Austrian Innovation Award 1996, 1999, 2000, 2003*

# How will our world work tomorrow?



***One thing is for certain: our employees are the driving force of our innovative strength.***



*Their main reason for working at KEBA is an atmosphere which not only embraces new ideas but also supports and challenges them at the same time. Or to put it in other words: creativity is in the air at KEBA.*

**Everything we think and do is with a view to tomorrow's world: only people who have visions can create innovations and help to shape the things to come.**

At KEBA, every day brings new innovations which simplify existing processes, make them quicker or present completely new applications. We identify trends and develop trend-setting solutions for defined branches. Both clients and users alike find our clear, unique selling propositions convincing.

## **How do you actually set a trend?**

KEBA's innovation management reaches far beyond corporate boundaries. We work with numerous external collaboration partners, research institutes, universities and international scientific boards.

With this approach we ensure positive changes that make a major impression on the markets of our customers. As one development project draws to a close our thoughts already turn to the next challenge of bringing more innovation and user convenience to the world of our clients.



Committed to success.

**We decided to pursue intensive collaboration together with customers.**

Intensive and extensive, as this is the only way our clients can build on us understanding their business and thinking and acting in their interest.

We act openly, competently and reliably. Sincerity and trust are essential to us so that true partnerships can also be experienced and succeed in daily business.

**Lasting success together**

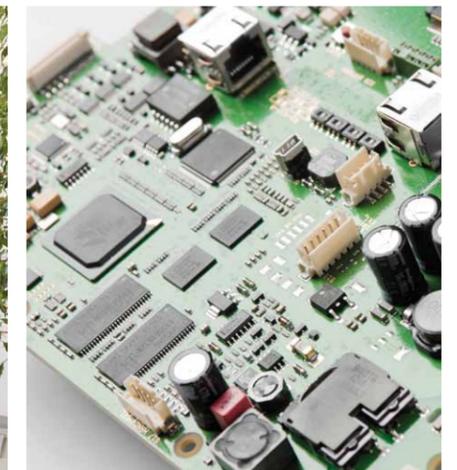
KEBA is not only a producer of automation solutions. We see ourselves as consultants – both in the technical and commercial sense – and accompany our clients throughout the entire product life cycle.

This intensive form of collaboration resulted very early on in an extensive understanding of our customers.

Knowing the world of our clients – speaking their language – this is what we do.

Today we rank among the leading automation experts in many branches because we have detailed knowledge of our clients' processes. Using the principle of system modules we can solve wide-ranging control and automation functions. The decisive benefit, however, comes when they are rounded off by industry-specific hardware and software which give our clients their decisive competitive edge.

Thanks to this approach we are able again and again to meet in an optimum way the expectations of a branch in terms of the scope of services and benefits of a new product. It is no coincidence that a number of global market leaders in their respective fields today rank among our clients. This motivates us to drive forward this intensive collaboration. And it is here where one of our principles is realized: "Our clients have to be successful before we can have success."





# Industrial Automation

KEBA has been working on the control and operation of complex automation systems for over 45 years. We recognized early on that focusing on key accounts and industry sectors brings benefits for our clients. In the segments

- Plastic
- Robotics
- Packaging
- Sheet metal working and
- Visualization

we have succeeded in bringing together standards with the highest possible degree of flexibility – with the aim of offering all-encompassing solutions from a single source.

Optimized automation solutions are based on an extensive system platform.

High-performance hardware and software components enable us to meet new requirements and realize customer wishes very quickly and “bring the machines to life”, so to speak. Intelligent control solutions help the user to deal with complex tasks in a very straightforward and fast way. In the production process, KEBA solutions are known for their maximum flexibility, reliability and stability.

The combination of this cost-efficiency on the one hand and fast reactions to markets and customer wishes on the other are crucial in providing our clients with a potential for sustainable, competitive benefits. And this customer orientation is without doubt one of our recipes for success when we generate enthusiasm among leading global mechanical engineering customers for our know-how and expertise.

## Robotics

Customers appreciate the precision and reliability of KEBA robotics coupled with the excellent know-how which is called for particularly in quality-sensitive areas such as the automotive industry. Intelligent KeMotion robotic solutions enable our clients to benefit from fast start-up times and top performance of the robot. A significant increase in machine productivity means that end customers have an enormous competitive advantage.



Photo: Dvir

## Plastic

Plastic will remain a sought-after material also in the future. Plastics processing calls for specific expertise which KEBA has acquired over many years as a developer and manufacturer of control systems for injection molding machines. KEBA is now a global leader in this field. Intelligent software solutions simplify the programming and operation of complex technology functions. The KePlast system solution is a market leader in terms of both quality and performance.



## Sheet metal working – Delem part of KEBA

With Delem B.V. we have the specialists in automation solutions for sheet metal working machines in our group. Special knowledge and in-depth expertise in the field of press brake performance, machine control technology, material-specific behaviour and the productivity of press brakes are reflected in the solutions.



Photo: Trumpf

## Visualization

Ergonomics and an intuitive user interface are key factors in efficient operation and observation. KeTop stands for a unique range of mobile to stationary operating devices for the easy implementation of a multitude of visualization and operational tasks. With our KeTop terminals we are the global market leader in the field of mobile automation – KeTop terminals made in Austria are even in use in Japan today.





## Industry-optimized solutions

### KePlast

is a thoroughly scalable control platform for injection molding machines. From basic hydraulic injection molding machines to complex, multi-component plants with further processing robotics, KePlast caters for all customer needs and performance areas.

The solutions stand out through precision, high productivity and economy in energy consumption.

### KeMotion

is the complete solution for the automation of robots and machines. It unites robotics plus PLC and motion in a single control system which results in numerous benefits. In the Industry 4.0 age KeMotion stands for fast, open and individually customizable automation.

Rapid start-up and easy programming save time and money. Both precision and robot speed are also at the highest level and ensure the decisive edge in competition.

### KeControl FlexCore

is the open control platform for individual control solutions. Expertise in your own applications and processes is one of the core competences in mechanical engineering. Thanks to its open software architecture, KeControl FlexCore offers optimum flexibility for individual solutions.

The customer's own software modules can be integrated deep in the level of the control system core and combined with proven KEBA systems.

### KeTop

stands for modern and intuitive complete HMI solutions. A wide range of mobile to stationary operating devices enables the easy implementation of a multitude of visualisation and operational tasks. The performance and size of the equipment are scalable and, depending on the model, membrane keypads, touchscreens and multitouch monitors are available.

Outstanding ergonomics and intuitive operating concepts have top priority and ensure maximum productivity. Extensive customising opportunities enable the customer to carry out specific modifications.



*24-hour banking services and maximum cash availability. What used to be a vision years ago has today been realized with the combined deposit and withdrawal of banknotes (cash recycling).*



# Banking Automation



**Around-the-clock availability of bank services is being taken for granted more and more as a convenience.**

We work on automation solutions which support our clients in their efforts to enhance customer service even further.

Our wealth of experience makes us the expert for self-service automation – especially in areas that are sensitive and challenging in respect of security.

## Modern cash handling

The **KePlus** family covers ATMs which enable banking institutes to handle time-consuming and costly banking transactions in the self-service area. The machines handle deposits and withdrawals of banknotes and coins, the scanning and processing of payment forms and cheques and savings transactions with book and chip card.

The realization of the closed cash cycle was a milestone in the development of banking automation: with the presentation of the first

prototype in 1993 KEBA led the way in the breakthrough of cash recycling technology in Europe.

Mono- or multi-functional terminals and ATMs with complete self-service are available according to requirements. Specially developed software tools support banks in the administration and optimization of their machines and services.



# Postal and Logistics Automation

*Parcels and other goods can today be collected or deposited quickly and easily on a 24/7 basis using parcel machines. The success story, which began with the "Packstation" in Germany, has continued to triumph throughout the world.*

**More freedom for the end customers of postal and logistics providers is the motto: our logistics solution makes the automation of the first and last miles possible.**

We developed the idea for a unique goods logistics system from the automation of bank security boxes for hire - including one of the largest systems in the world at Hongkong Shanghai Bank with 26,000 safe deposit boxes: **KePol**.

Not only automating the accessibility of logistics systems for end users but also enabling a customer-friendly around-the-clock service are what make this system unique.

**Parcels any time, any place, anywhere**

Besides a parcel machine which enables customers to pick up and drop off parcels 24/7, this advanced logistics solution features complete operator software which can be used to call up all information concerning parcel tracking, user management and operations monitoring.





# Energy Automation

*KeEnergy is a high-performance and open system platform for pellets, wood chip, log and heat pump heating systems, which not only stands out through very user-friendly operation but is also economical in consumption and particularly energy-efficient.*

Energy is becoming an increasingly significant resource and is today a crucial issue for the future of our society.

As automation experts we at KEBA use our know-how in this new business area to develop innovative approaches and bring them to market maturity.

## Electromobility

E-mobility is going from strength to strength: quieter, cleaner and independent from fossil fuels – these are the convincing arguments why the future belongs to e-mobility. Experts agree that there is a success factor that will be decisive in terms of practice: in future power will be charged and recharged wherever e-vehicles are parked.

A prerequisite in this regard is a reliable, safe and maintenance-friendly infrastructure which is easy to operate.

With **KeMove**, KEBA offers a holistic system that harnesses our expertise in payment transactions with our core competence in automation.

## Intelligent alternative energy systems

KEBA is now using its decades of experience in the self-optimising control of complex processes in an intelligent and economical heating control system: **KeEnergy**.

User-friendly touchscreen operating systems are in the foreground while control systems in the background optimize combustion processes, thus ensuring lower emissions. This now offers private households a level of technology that was found previously only in industrial environments.





# Lottery Automation



**KEBA has been active in the lottery area since the mid 1990's and has had considerable success since then:** Austria, Spain and Albania are now equipped nationwide with lottery terminals "made by KEBA".

KEBA can score points with high quality, functionality and innovative products and has prevailed time and time again against the top-quality international global players.

## Fast and reliable

**KeWin** stands for lottery solutions that impress with the highest availability and unmatched reliability. With speed, ease of use, and reliability, the online terminals for lottery companies set a milestone in automatic processing of betting slips.

An optimum and problem-free interplay of central system, communication networks and terminals, an innovative user interface and a revolutionary scanning process are the outcomes of our many years of experience.

We offer our advisory expertise for the development of tailor-made solutions based on our extensive experience which is adapted to the respective requirements of our customers.

The customer retains full freedom of choice and remains independent in regard to terminal mix, functionality, application software and central system.



# Green is the colour.

## Environmental aspects have a twofold effect at KEBA.

We ensure that the company itself and every single employee handle resources economically and responsibly.

But our efforts go one step further: thanks to both their technology and their outstanding quality and service life, our products also mean that resources and energy can be treated with the care they deserve.

This green approach has played a significant role in the creation of our business area Energy Automation – more or less a logical consequence.

## Savings in the making

Our latest company building in Linz is not only an architectural trademark; with its passive-house technology it also stands for one of our most important values – environmental awareness.

The optimum use of daylight saves energy and creates a pleasant working atmosphere for our employees. Our daylight and climate zones are welcome areas, bringing green into the building and saving valuable heating and cooling energy at the same time.

Environmental awareness also plays a decisive role in conversions, extensions or retrofitting (such as air conditioning, for example).

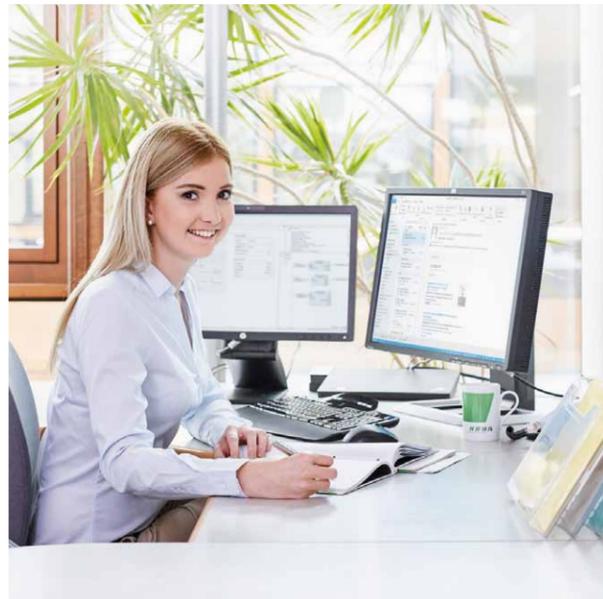
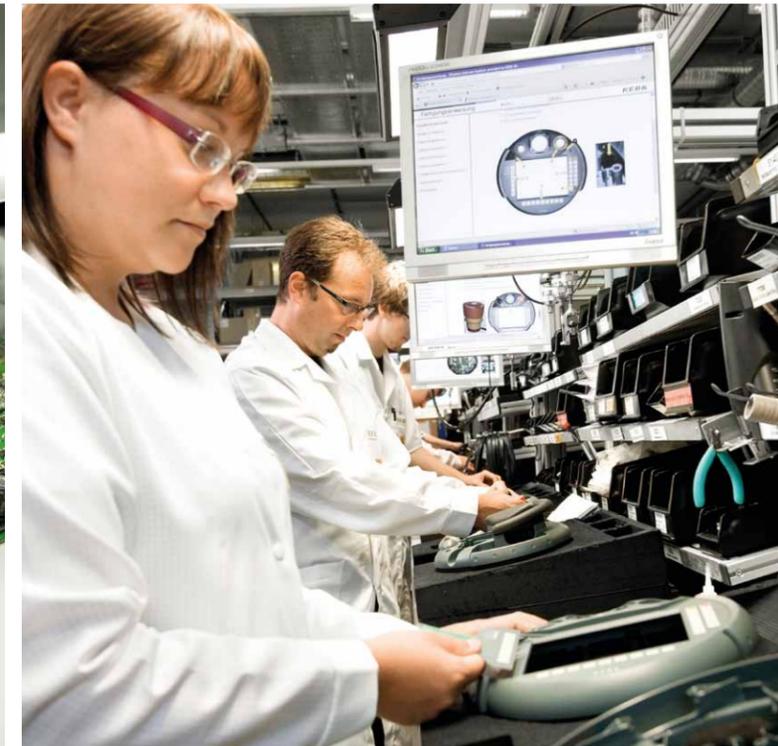
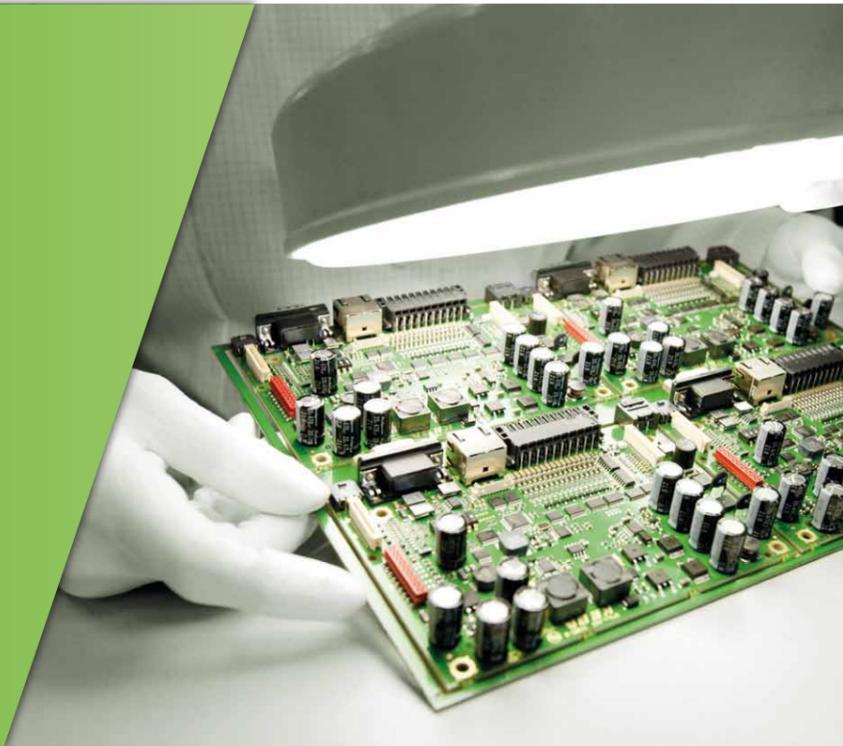
## Producing and protecting resources

Ecological considerations play a crucial role even when we choose materials and in the design process. The careful treatment and reusability of raw materials and likewise energy efficiency are integral features of our production processes.

We are pleased that this approach is also acknowledged and certified by independent bodies. What motivates us more, however, is the fact that our employees and our customers and partners are in this together with us, supporting our efforts to become an even greener company.



Exacting quality standards for your performance.



*Modern software engineering and the latest software technology combined with advanced development principles enable high-performing, robust and maintainable system solutions with a long service life to evolve even from the most complex of assignments. We attach particular importance to the intuitive and user-oriented operation of our systems.*

*Safety, reliability and the availability of the systems have top priority right from the development phase of our products – always in line with the specific requirements and standards of our customers around the globe.*

*All-embracing quality monitoring spans the entire process, from the initial design to the finished solution. The active involvement of all employees in the continuous improvement process is a cornerstone in this approach.*

**The holistic value-added process at KEBA begins with offering advice on hardware and software and ranges from system design and architecture to maximum vertical integration in development.**

This consistency continues in production which enables not only the fulfilment of exacting quality standards, besides this it also ensures the greatest degree of flexibility and greater cost efficiency.

The intensive collaboration throughout all departments at the beginning is an additional success factor in our value-added chain: this way we interconnect the experience and the know-how from other branches, find analogies and use them in our development partnerships.

### **The “breathing plant”**

**Our production fulfils the ever increasing requirements of our customers in respect of quick and reliable delivery.**

“Breathing” capacities, continuous flow production, standardized working processes and the constant optimization of lead times make us flexible so we can address the wishes of our clients at all times. Regardless of whether quantities are large or small, you can rely on professional development and top quality performance from KEBA products.



## Do you speak “KEBAn”?

Besides professional expertise it takes a great deal of passion and the curiosity that is required to get to the bottom of things, so you can then help to shape them with courage and determination. In turn, creativity and enthusiasm develop almost of their own accord.

To create an atmosphere for our employees that is open for new ideas, you need on the one hand the right structures. The necessary atmosphere which is based on trust and brings out the potential of every individual on the other hand, can work only if company values are alive and active.

Our work together is, therefore, characterized by an intense and lively co-existence, by the appreciation and professionalism of every single person. After all, there is one thing we know for sure:

**Innovation is driven at all times by people.**

### Passion keeps you young

Especially in mind and spirit! To make sure we remain state-of-the-art also in terms of technology we invest up to 20% of our turnover every year in research and development. This in turn attracts extremely motivated and highly qualified employees who we find in renowned universities and colleges in the surroundings of our locations.

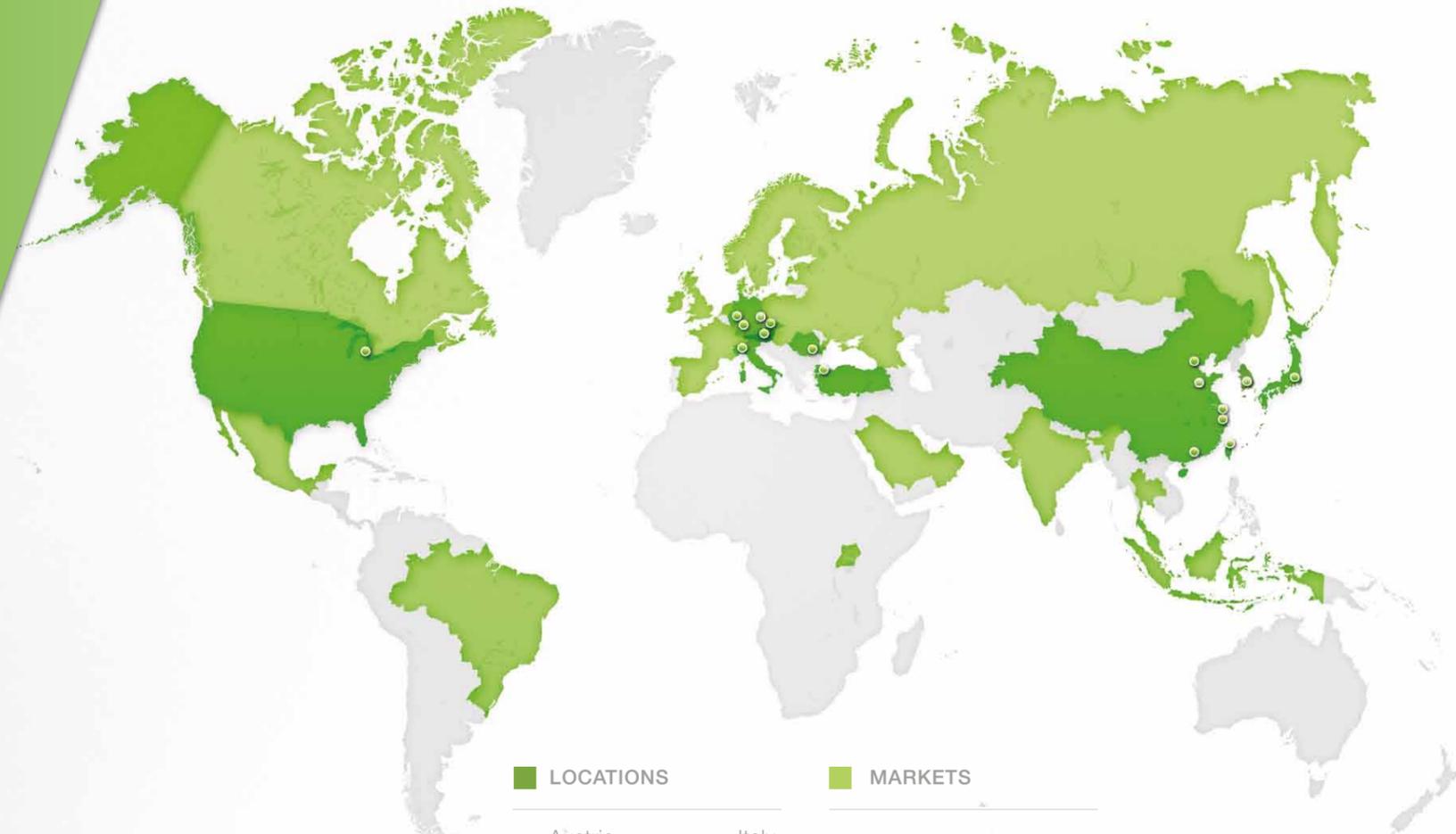
Our internationalism also motivates the best in their field to join a global player like KEBA. Our direct communication and lively team spirit trigger not only ideas but also careers.

# From the heart of Europe to the whole world.

An open-minded approach to new ideas and other cultures has been the hallmark of our company from the very beginning. Our developments and products leave Linz for destinations in all corners of the globe.

Speaking the language of our customers is important not only in the figurative sense: we always rely on employees from the respective country who can call on their expertise and experience to provide fast on-site service and professional support in the local language.

The competencies and know-how from our locations form an innovative network which is at the service of our customers at all times.



LOCATIONS	MARKETS
Austria	Italy
Germany	USA
Romania	China
Turkey	Japan
Czech Republic	Taiwan
Netherlands	South Korea

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The image features a large green triangle on the left side, pointing towards the top right. Overlaid on this triangle and extending into the white background are several thick, glowing, yellow-green lines that flow and curve across the page. The lines have a soft, ethereal quality, suggesting movement and energy. The overall aesthetic is clean, modern, and dynamic.

[www.keba.com](http://www.keba.com)