

#rethink**AUTOMATION**

EN PORTFOLIO

HOLISTIC

One point of contact for everything: As a system provider, we take care of the entire drive system for your application.

FLEXIBLE

Scalable safety functions, various performance classes or diverse cooling methods: our products adapt to your needs.

OPEN

Want to keep your existing control system? KEB components can be seamlessly integrated into existing systems.

INDEPENDENT

We are an owner-managed company with a high level of vertical integration and in-house research and development.

INDIVIDUAL

Standard is a thing of the past: we focus on your personal requirements and find the best automation and drive solution.

The meaning of #rethink**AUTOMATION**

Rethink your machines and plants – from IIoT to brakes.
KEB Automation provides automation and drive solutions from a single source.

Develop faster, integrate more easily and scale securely. To achieve this, KEB combines open automation, precision drive technology and reliable braking technology into a seamless system – for maximum performance from your machine.

YOUR APPLICATION

- Plastics technology
- Woodworking machines
- Intralogistics
- Pack & Food
- Process technology
- Robotics and much more

#rethink**APPLICATIONS**

Develop faster, integrate more easily, and remain flexible in the long term.

KEB Automation combines open, scalable automation with optimally **coordinated** control and drive technology, as well as brakes and clutches, to create end-to-end solutions for the mechanical and plant engineering sectors. Open interfaces enable easy integration into existing systems whilst also providing a flexible basis for new machine platforms.



Plastics Technology



Recycling



Intralogistics



Woodworking Machinery



Robotics & Automation



Turbo Compressors & Blowers



Pack & Food



Medical Technology

Made in Germany and Europe:
Development and manufacturing according to the highest standards – for durable, reliable products.

Robustness in any environment:
Components for demanding industrial conditions – resistant to vibration, temperature, and much more.

Engineering support right from the start:
Consulting, design, and commissioning assistance from experienced KEB specialists – for efficient project implementation.

EMC-Service:
Support with EMC-compliant design, testing, and documentation for standard-compliant machines and systems.

And much more



#rethinkIIOT

Clarity instead of data overload

NOA combines industrial automation, IIoT and remote service in a single open platform.

- ✓ Scalable from OPC UA adapters right through to factory automation
- ✓ NOA Connect for secure remote access to machines and plants
- ✓ Condition monitoring, predictive maintenance and remote service



#rethinkHMI

Configuring instead of programming

With our HELIO HMI management system, you can create intuitive HMIs faster and more easily.

- ✓ No code: HMI development without programming effort
- ✓ Future-proof and flexible thanks to true responsiveness
- ✓ HELIO takes care of the UX design for you
- ✓ Edit with real live data from the plant



#rethinkHMI

Flexible operation. Easy integration.

Intuitive operation right where it's needed. The C6 X1 web HMIs combine modern design with flexible integration and powerful visualisation.

- ✓ Flexible integration:
  Various sizes and mounting options
- ✓ Robust:
  IP67 for use directly on the machine
- ✓ Easy to install:
  Data and power supply via Power over Ethernet (PoE)
- ✓ Open and future-proof:
  Web-based visualisation with HELIO HMI



#rethinkCONTROLS

Precise control. Smart scaling.

From compact controllers to high-performance industrial PCs: KEB combines hardware, software and engineering to create a flexible automation platform for individual machine designs.

- ✓ The right performance for every application:
  C6 COMPACT 3 and C6 E32 industrial PCs
- ✓ Control, motion control, visualisation and IIoT on a single platform
- ✓ Open and flexible: Linux-based architecture with modular software functions
- ✓ Efficient engineering:
  IEC 61131-3 programming with COMBIVIS studio 6



#rethink**DRIVES**

Reliable movement. Efficient propulsion.

Drive technology for precise motion, efficient control, and industry-specific solutions. Modular design and flexible integration – the ideal solution for every application.

- ✓ COMBIVERT F6 Drive Controllers and COMBIVERT S6 Servo Drives for outputs from 0.75 kW up to the megawatt range
- ✓ Versatile motor controllers with or without encoders, safety functions integrated directly into the drive
- ✓ Power supply and regeneration units for efficient energy use
- ✓ EMC, mains, and motor filters for trouble-free operation
- ✓ Certified drive technology for marine applications



#rethink**MOTORINVERTER**

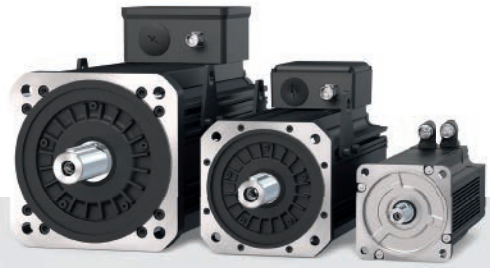
Decentralised drive technology

Drive intelligence where it is needed: The KEB COMBIDRIVE DX, developed for DM and VT series asynchronous motors, is installed directly on the motor or in its immediate vicinity, thereby relocating control functions from the control cabinet to the machine. The result: less cabling, reduced space requirements in the control cabinet, faster installation and greater freedom in machine design.

- ✓ Ready for modular machines
- ✓ Improved performance with reduced installation effort
- ✓ Fast service and replacement
- ✓ Fully integrated into the KEB system
- ✓ Power output from 0.37 kW to 4.0 kW

Series production to start in summer 2027

#rethink**AUTOMATION**



#rethink**MOTORS**

High torque. No compromises.

Brusatori
MOTORI ELETTRICI

High dynamic performance, compact designs and efficient drive concepts for a wide range of machine requirements. To achieve this, KEB combines servo, synchronous, asynchronous and high-torque motors with suitable gearbox solutions and optimally matched drive technology.

- ✓ Servo motors
- ✓ Synchronous and asynchronous motors, also with liquid cooling
- ✓ High-torque motors with liquid cooling for maximum efficiency
- ✓ Gearboxes can be combined with asynchronous and servo motors
- ✓ Compact designs with high power density
- ✓ Modular gearbox system offering a wide range of configuration options

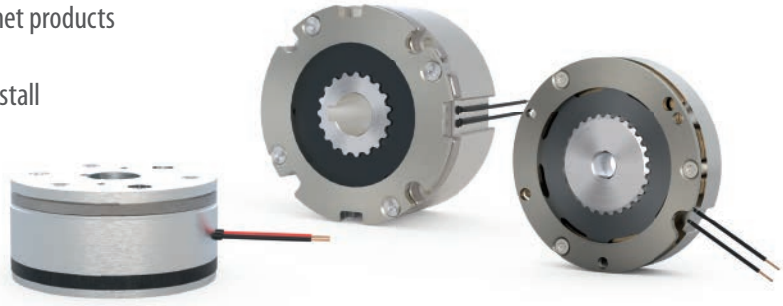


#rethink**BRAKES**

Standstill, but only when you want it

With over 50 years of experience, KEB offers reliable solutions for safe holding, stopping, starting, and positioning. The portfolio stands for maximum safety, compact designs, and maintenance-free operation.

- ✓ Spring-applied, permanent magnet or electromagnet products
- ✓ Variants without rare earths
- ✓ Compact designs, maintenance-free, and easy to install
- ✓ Standard and customised solutions



keb-automation.com/product



"Let's talk – together we will find the best solution for your application. Our sales experts around the world look forward to receiving your inquiry."

THOMAS PETERS, HEAD OF SALES, ELECTRONICS

OUR GLOBAL SALES TEAM AT A GLANCE

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual application do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. We reserve the right to make technical changes.

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