

# PRODUCTS

haflowtic · hamatic · hamotic · hatronic · haventic



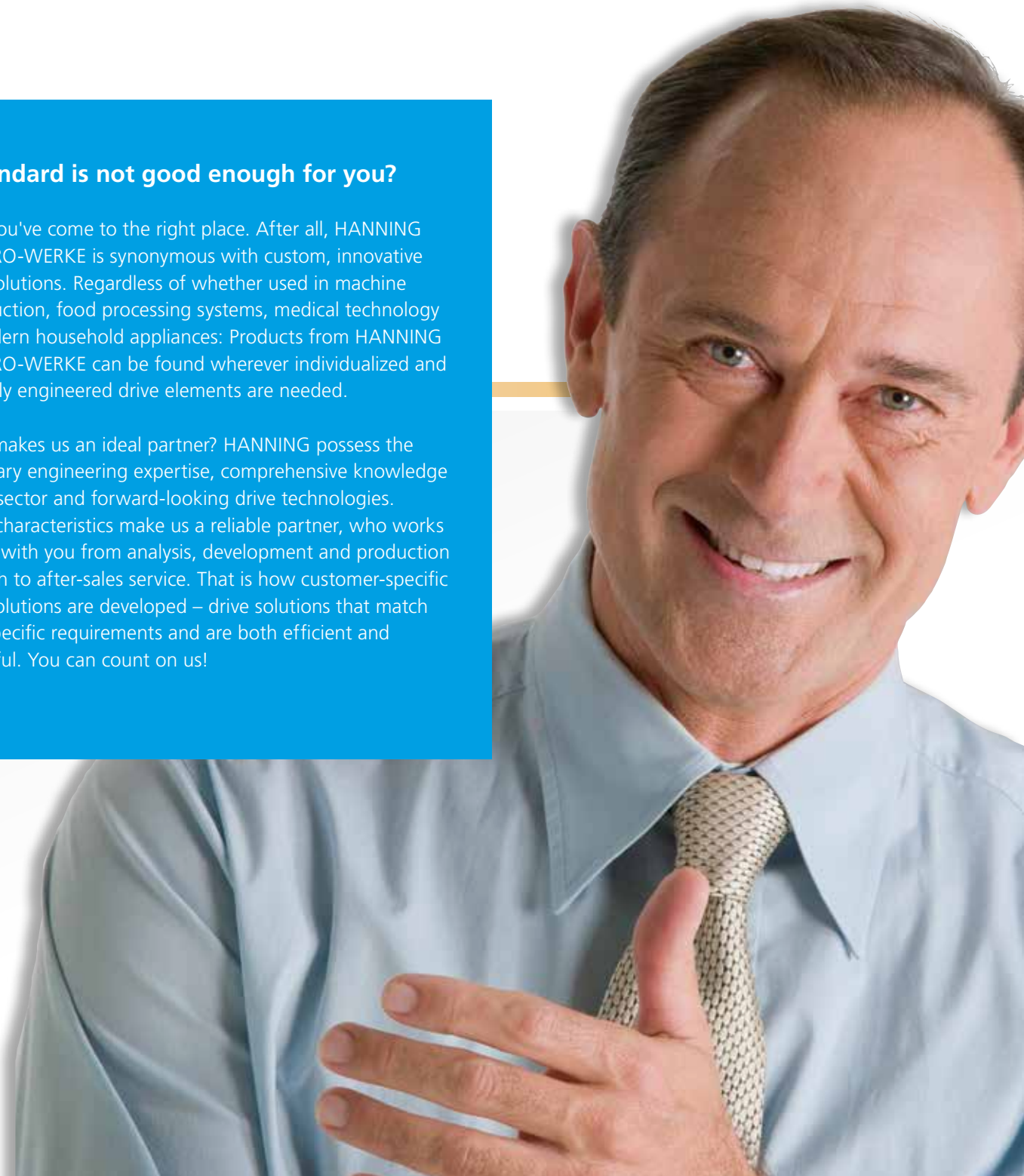
moving ■■■ ideas

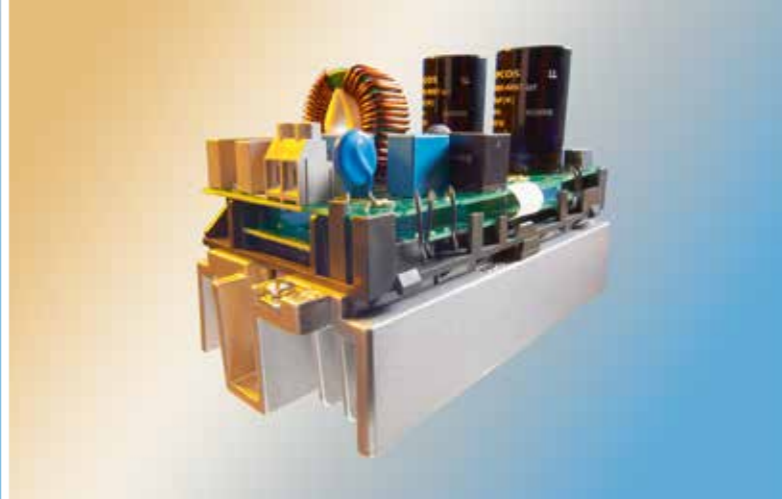
## If standard is not good enough for you?

Then you've come to the right place. After all, HANNING ELEKTRO-WERKE is synonymous with custom, innovative drive solutions. Regardless of whether used in machine construction, food processing systems, medical technology or modern household appliances: Products from HANNING ELEKTRO-WERKE can be found wherever individualized and precisely engineered drive elements are needed.

What makes us an ideal partner? HANNING possess the necessary engineering expertise, comprehensive knowledge of the sector and forward-looking drive technologies. These characteristics make us a reliable partner, who works closely with you from analysis, development and production through to after-sales service. That is how customer-specific drive solutions are developed – drive solutions that match your specific requirements and are both efficient and powerful. You can count on us!

For more information, check out our individual brochures for the respective product lines **haflowtic**, **hamatic**, **hamotic**, **hatronic** and **haventic**.





## moving ideas

Progress is the sum of knowledge and directed movement. HANNING ELEKTRO-WERKE products are proving of that for more than 70 years. Our drive systems and components are rugged, reliable and always state-of-the-art. We deliver the necessary solution for your applications.

What makes us so certain? Our expertise, technical know-how, highly motivated employees and our knowledge of markets and customers worldwide. Above all a clear idea: Every technical solution and every service from HANNING ELEKTRO-WERKE must satisfy your requirements exactly and help push your company ahead of the competition. That is our aim, and we do everything to make it happen. With five highly specialized product lines based on reliable and forwardlooking technologies.

moving ideas – typical HANNING. See for yourself!



**haflowtic** pumping

“Liquids do not flow uphill,” as the saying goes, in any case not by choice. That is why HANNING ELEKTRO-WERKE products supply the necessary pressure. Our **haflowtic** products set liquids in motion – reliably, capably and individually tailored to your requirements.

Be it chemically contaminated process water or polluted wastewater: Thanks to special design features, the circulating and drain pumps from HANNING ELEKTRO-WERKE are a perfect match for many challenges. Our decades of experience and energy-efficient technologies, as can be found in our synchronous circulating pumps and drain pumps, ensure it.

**haflowtic** pumps are implemented wherever washing, rinsing and drying operations are involved and in many industrial and medical technology applications. The reason why: **haflowtic** pumps operate reliably, have an above-average service life, are chemically resistant and geared precisely to the requirements. That applies to both the technology and the legal requirements: **haflowtic** products are custom-tailored and have the necessary international permits depending on market requirements.

**haflowtic applications:** *industry/household:* washing machines, dishwashers, laundry driers, steam cookers, tank cleaning systems; *medical technology:* sterilization and disinfecting systems and more



**hamatic** moving

“The journey is the reward” describes how the **hamatic** actuators from HANNING ELEKTRO-WERKE work. They travel a precisely defined path in a straight line and at a constant or variable operating speed, thus ensuring long-term reliability.

Linear actuators from HANNING ELEKTRO-WERKE are used in many systems: For instance, they are used to move dental chairs into position so that dentists can easily examine and treat patients. Our linear actuators are highly regarded due to the fact that they produce little noise and are characterized by a rugged construction.

The individualized stroke length, a constant operating speed and the ruggedness of the systems are always decisive factors for assuring the long-lasting success, even with varying loads. All of these traits characterize our **hamatic** products. Even more: For you we develop low-maintenance actuators with any favored velocity or accelerating profile – every single one designed to meet individual needs. It ranges from machine construction industry, medical technology through to furniture design.

**hamatic applications:** *medical technology:* dental chairs, operating tables, massage tables, therapy couches; *machine construction, furniture industry* and more



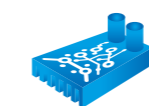
**hamotic** driving

To ensure that everything runs like clockwork, you need customer-specific single and three phase AC motors such as the **hamotic** drives from HANNING ELEKTRO-WERKE. Together with you we will match our products to your requirements, e.g. by adapting the torque, efficiency, form and geometric dimensions. In this manner, we put you right at the front of the competitive field.

You need a partner who offers you far more than ready-made drive technology. That is what distinguishes us. We regard ourselves as an active development partner who designs together with you and produces the right drive and integrates it into your application.

Be it in asynchronous or synchronous design, with or without housing, in machine construction general or specifically: Thanks to our vertical range of manufacture and experience, we are able to fulfill your requirements without any reservations or conditions. The result is a drive that is optimum in every aspect of your system and equipment, with superior technology and the highest efficiency. Impressive as far as quality, energy efficiency and sustainability are concerned.

**hamotic applications:** *industry/equipment:* fluid and vacuum pumps, professional pool equipment; *materials handling systems; medical technology; gearbox applications* and more



**hatronic** controlling

Our variable frequency inverters are known for their efficiency. That is why with **hatronic** you get innovative drive control elements for electric motors, which contribute to saving energy, are precisely matching to your requirements and vary in terms of design.

**hatronic** systems are used wherever there is a demand for movement. Ranging from industrial conveyor belts and vacuum pumps used in process technology through to commercial hot air ovens. All fields of application have one thing in common: they place high demands on matching motors and frequency inverters. HANNING fulfills your specifications systematically.

We develop and manufacture the inverter technology together with the appropriate motors. The results are wellthought-out, capable drive solutions – compact and flexible in design, geared to industry requirements, and precisely integrated in your production process.

**hatronic applications:** *industry:* hot air applications; *medical technology:* dental chairs, hospital beds, therapy couches; *materials handling technology:* lifting devices/chain hoists, transport belts; *entry gate/door applications:* industrial doors; *process technology:* lab centrifuges, vacuum pumps; *renewable energy:* brakes/hydraulics for wind energy plants and more



**haventic** ventilating

Regardless of hot, cold, moist, extremely dry or contaminated environment, **haventic** fan and blower motors from HANNING ELEKTRO-WERKE are capable of handling all the ventilation challenges. They are equipped with state-of-the-art technologies providing the necessary power securing a strong market position.

Extreme conditions call for reliable and capable technologies. This combination makes HANNING with its **haventic** fan and blower motors a leading supplier in these varied applications.

**haventic** products are distinguished by their individual, excellent fit. The service life of blower components and resistance to chemicals and high temperatures are designed to suit your specific product requirements. That improves the performance of the overall solution, increases quality and thus improves the competitiveness of your company. That is what counts.

**haventic applications:** *industry:* steam cookers, ovens, room ventilation, heaters, soldering machines; *air supply blowers:* stables, sanitary facilities, pellet burners and more

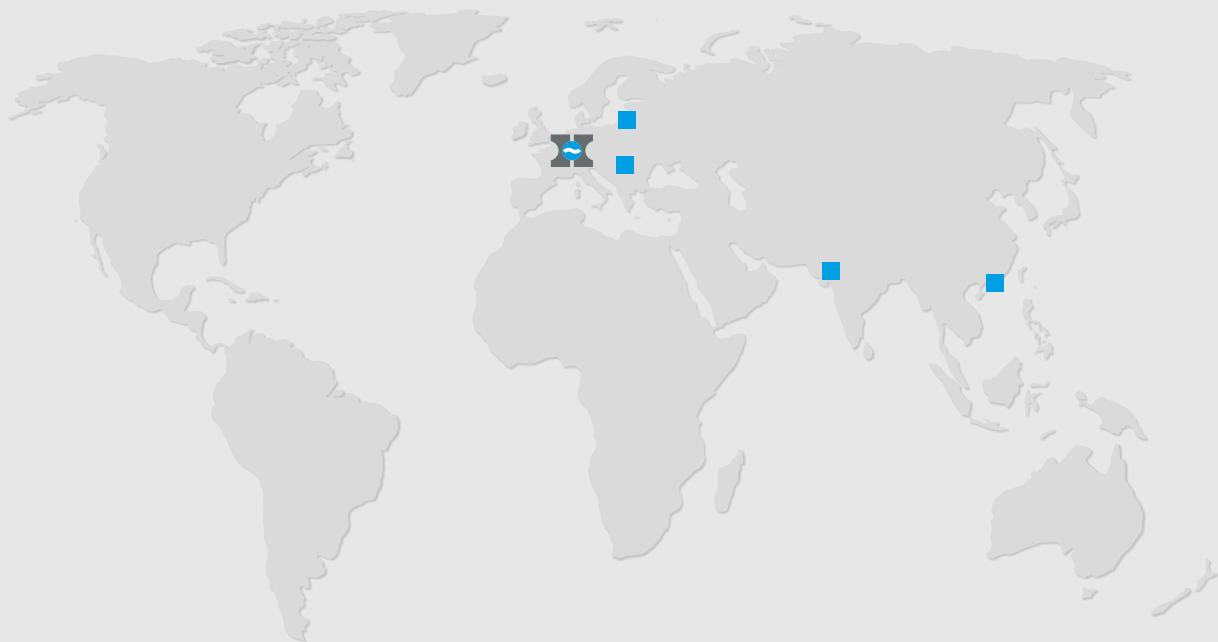
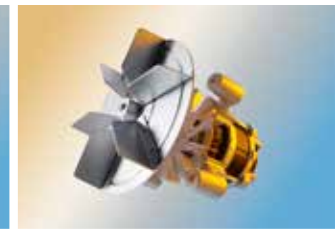


# HANNING

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