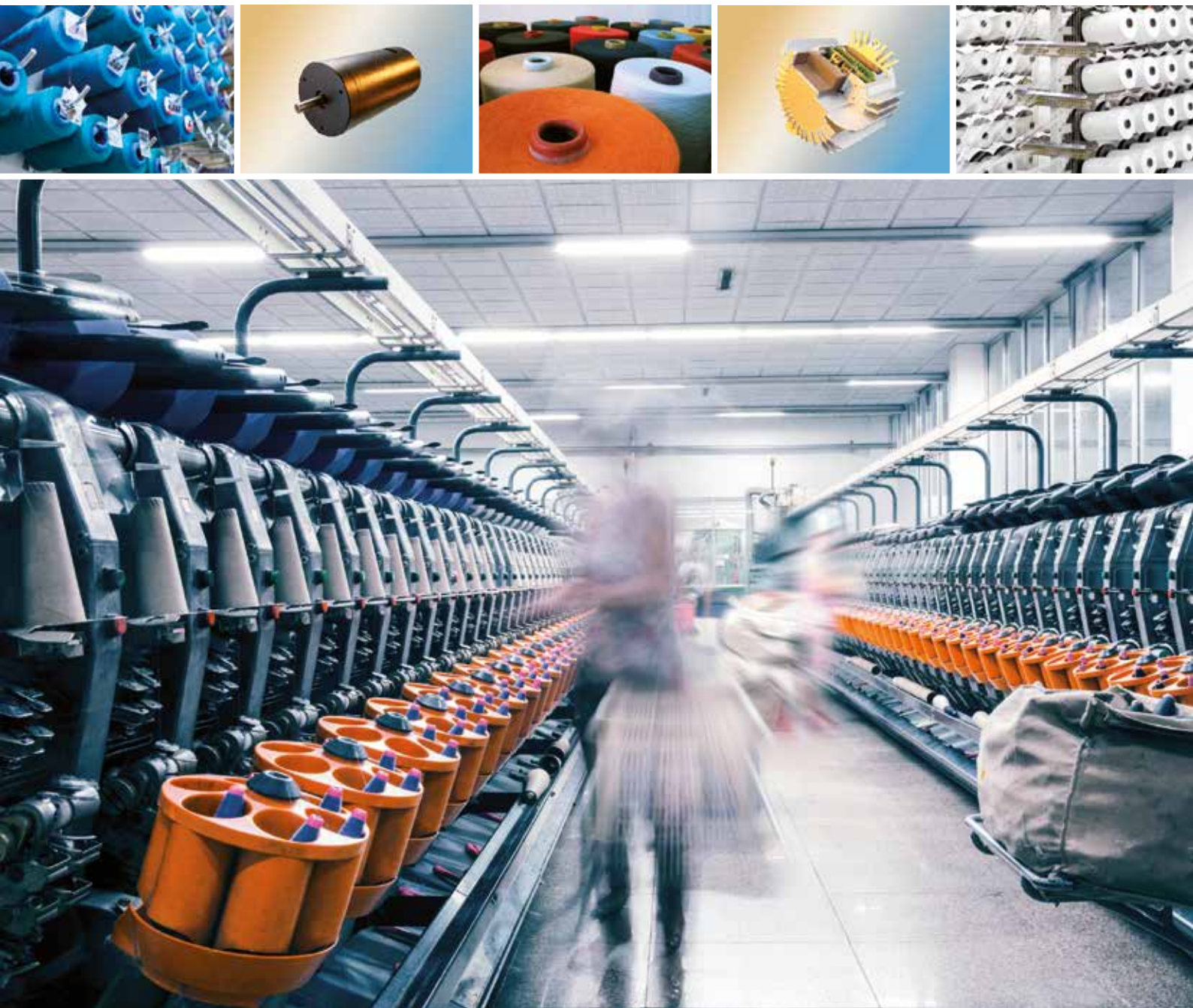


# TEXTILE APPLICATIONS

hamotic · hatronic



## Your engineering partner in Asia

Being close to our customer guarantees a successful engineering partnership. That is why we have been developing and producing customized drive solutions for decades, even directly in Asia. And you also benefit from the efficient communications channels, personal local contacts and above all our in-depth knowledge of the regional textile market and industry.

HANNING (HONG KONG) Ltd. has been manufacturing state-of-the-art synchronous motors in Shenzhen, China since 1996. With about 600 employees, we produce customized high performance drives for applications in the textile industry and other branches on a production area of 10,000 m<sup>2</sup>.

With HANNING MOTORS INDIA Pvt. Ltd., we have also been operating our own development and engineering center in Vadodara, India since 2008. 40 highly qualified employees build very specific synchronous motors on an area of 3,000 m<sup>2</sup> and are responsible for assembling innovative electronic components.







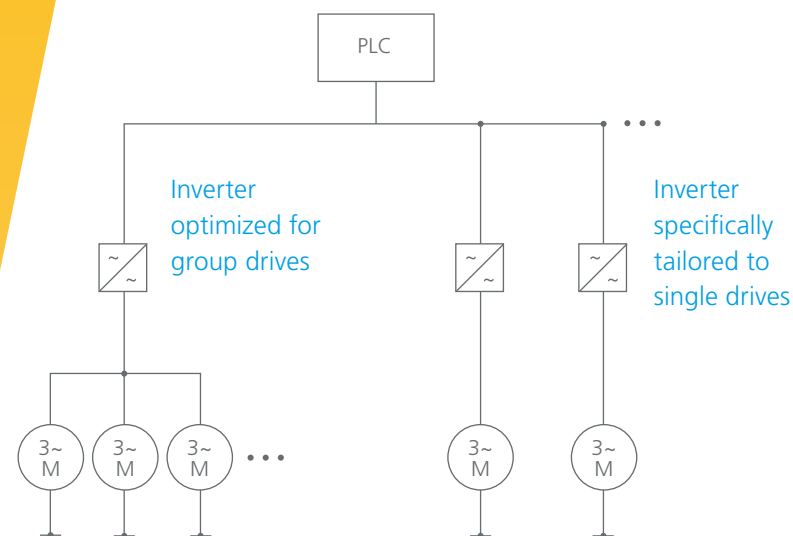
# moving ideas

**Life is movement – something we have been infusing in the products of our customers for more than 75 years.** Based on our slogan “moving ideas”, we at HANNING ELEKTRO-WERKE develop drive concepts and manufacture customized solutions that will put you ahead of the competition. As one of the leading manufacturers of electric and electronic drive systems and components in the world, that is our promise to you.

We as a system provider strive to think outside of the box and develop tailored solutions, for instance for manufacturers of industrial textile processing machinery. We understand your requirements and implement individual measures to achieve them. Single spindle drives for TFO systems, synchronized winding and spinning motors or networking of the entire system: At HANNING, you get everything from a single source. In this way, we help you get ahead of the competition.

moving ideas – typical HANNING.  
See for yourself!

**Application fields:** For textile machines with central drive and mechanical transfer of power to individual winders and more  
**Advantages:** Rugged, proven track record in textile industry and thanks to optimized customer-specific single drives precisely adapted to the relevant requirements



With traditional design, efficiency and yet custom-tailored to your specific requirements: At HANNING you get customized concepts for commercially available drive solutions - with individual drives that we match precisely to your machinery in terms of performance and laminations.

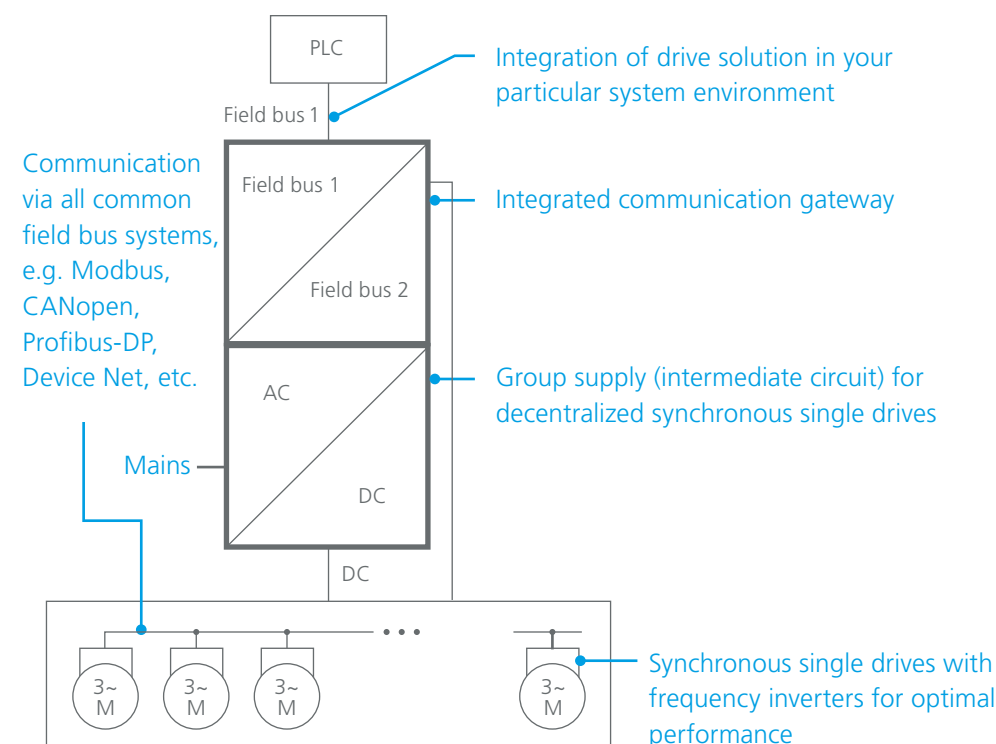
## Proven track record

Commercially available solutions with optimized individual drives from HANNING.

## Innovative and expandable

With decentralized drive concepts from HANNING you are already prepared today for the drive requirements of tomorrow.

High machine availability and maximum energy efficiency play an increasingly important role in the textile industry. Our decentralized drive concepts are decisive for both factors. We interconnect the desired solution completely



**Application fields:** Decentralized drive concepts are particularly suited for drum motors, gallette drives, single drives and more  
**Advantages:** Systematic process optimization thanks to intelligent networking with extensive process monitoring; drives and control systems are precisely matched to the process

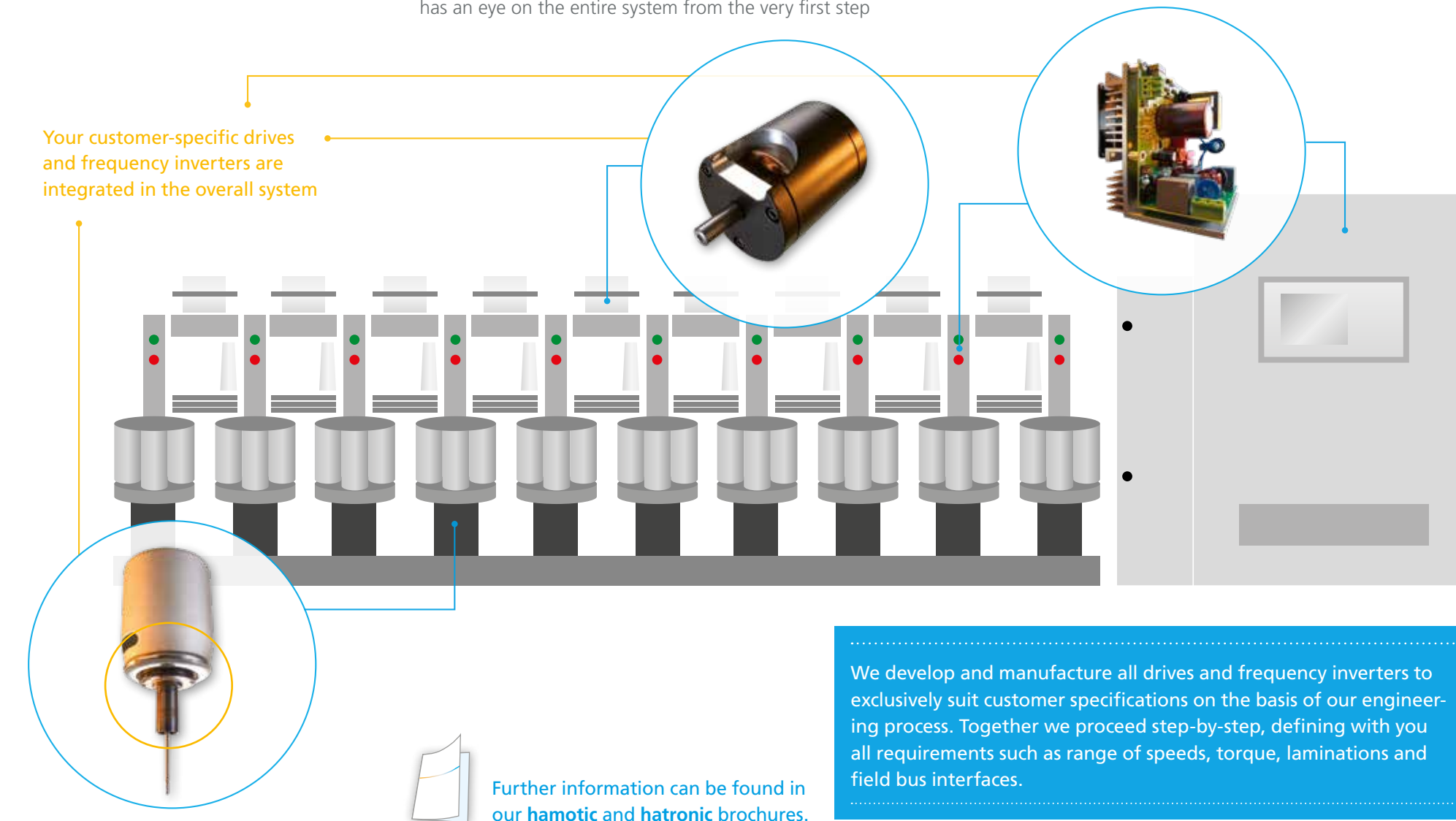
with your system environment and match the applications-dependent and process-dependent controllable individual drives precisely to your requirements.

## System solutions – powered by HANNING

It is common knowledge that the whole is much more than the sum of the parts. That is why at HANNING you get custom-tailored system solutions from a single source, e.g. for winding machines.

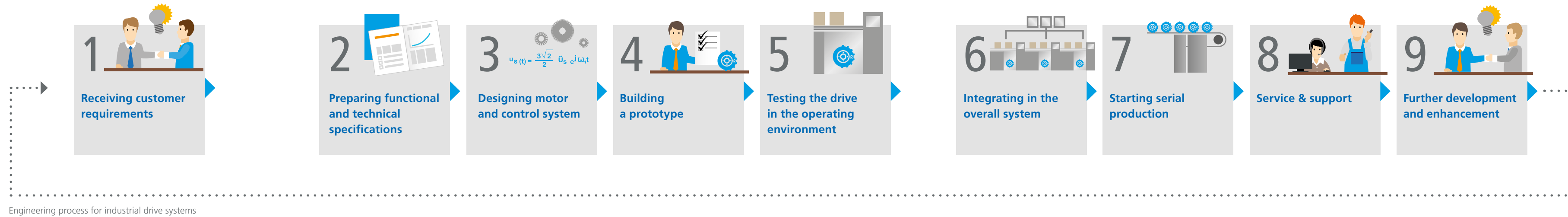
Winding machines for textile processing applications are technically complex and call for rugged and intelligently matched drive solutions. As a result, HANNING always has an eye on the entire system from the very first step

of development onwards. By doing so, we are able to guarantee that all drive units interact perfectly, sustainably leveraging the potential of your machinery.



Further information can be found in our **hamotic** and **hatronic** brochures.

We develop and manufacture all drives and frequency inverters to exclusively suit customer specifications on the basis of our engineering process. Together we proceed step-by-step, defining with you all requirements such as range of speeds, torque, laminations and field bus interfaces.



Engineering process for industrial drive systems



# HANNING

moving ■■■ ideas

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