

hamatic linear actuators for medical applications

YOUR PARTNER FOR ALL CLASSES OF DRIVES





moving ideas

Life is movement – something we have been infusing in the products of our customers for more than 70 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.

Our drives have been an integral part of medical applications for decades. A product segment that is becoming more and more diversified. That is why we offer both tried-and-tested asynchronous motors and synchronous drives for the most stringent demands and supplement our product range with 24 V DC brush motors. Your advantage: Everything from a single source!

moving ideas – typical HANNING. See for yourself!

S 95



S 56



HL 11



Proven classic

Our asynchronous drives – for everyone relying on proven technology.

Asynchronous motors

Our **hamatic compact** linear actuators have a space-saving design – and are especially easy to handle. Our brushless motors are low-maintenance, particularly reliably and durable. That makes them reliable work horses for day-to-day use.

Advantage / benefit

- Compact
- Its compact installation dimensions allow for a low entry position, e.g. in dental chairs

Options

- Encapsulated possible as **hamatic cap**
- Thanks to its sturdy spindle, the drive can also be installed without a support tube.



S 56

SH 80

S 95

Innovations in double pack

The requirements placed on linear actuators in medical applications are nowadays more individual and versatile than ever before. Anyone aspiring to achieve these requirements needs an experienced technology partner. Preferably a partner who specializes in all classes of drives – like HANNING ELEKTRO-WERKE.



Synchronous brushless motors

Electronically commutated **hamatic compact** synchronous drives from HANNING are the ultimate for medical applications: so rugged and reliable like the asynchronous classic but with up to 60 % more power while maintaining the same size. And to ensure that our new premium drives precisely meet your requirements, we tune them specifically to your application in terms of drive and process technology.

Advantage / benefit

- Infinitely variable speed
- Communication via CAN-Bus
- Constructed as internal rotor with high-quality permanent magnets
- Quiet and low vibration

Options

- Optionally 36 V DC or mains voltage



DC brush motors

Our 24 V DC drives are an attractive alternative for price-sensitive markets. They are now available in HANNING quality. After all, we developed the **hamatic cap** HL 11 and HL 12 linear actuators specifically for medical applications and combine them into sophisticated drive systems, e.g. for dental chairs. With up to four drives per system – supplied with electricity and controlled by the **hamatic** control boxes.

Advantage / benefit

- The HC 1 control box converts mains voltage to 24 V DC, controls up to three drives and is open for connecting a variety of hand and foot switches
- Ideal for price-sensitive applications
- Functional in design

Options

- Optionally with 6,000 N or 8,000 N of force



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

At HANNING you will get the right drive solution – regardless of whether you aim to be a trendsetter in the premium segment or aspire to excel with optimum quality in price-sensitive markets. We have the right drive just for you. You have the choice.

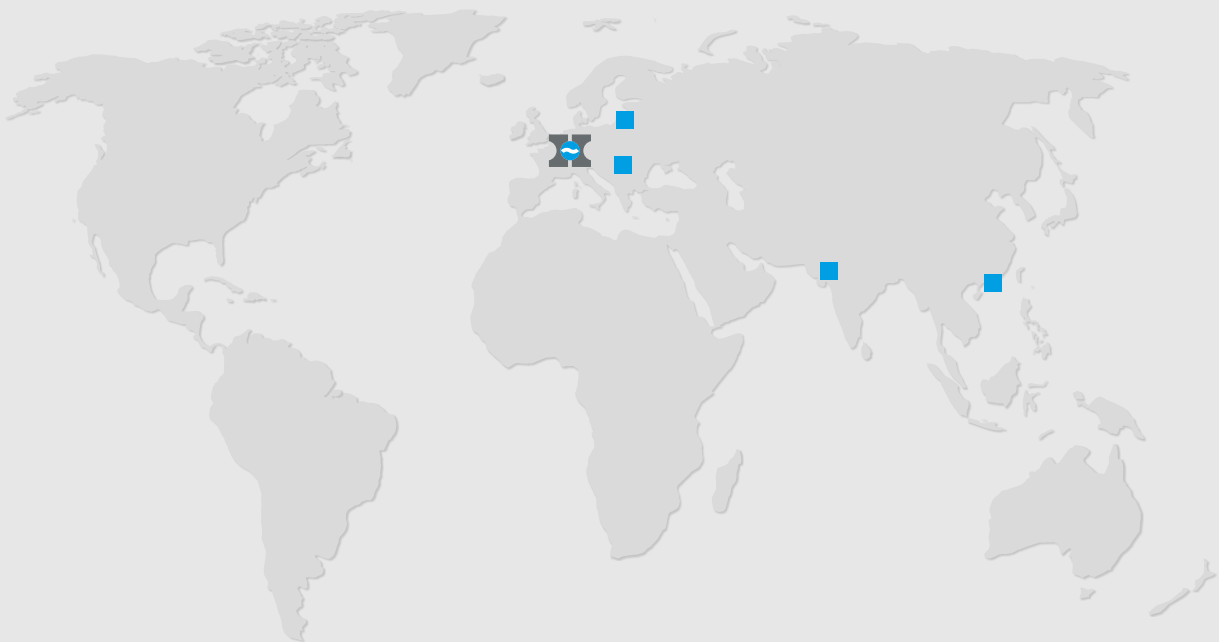


HANNING

moving ■■■ ideas

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