


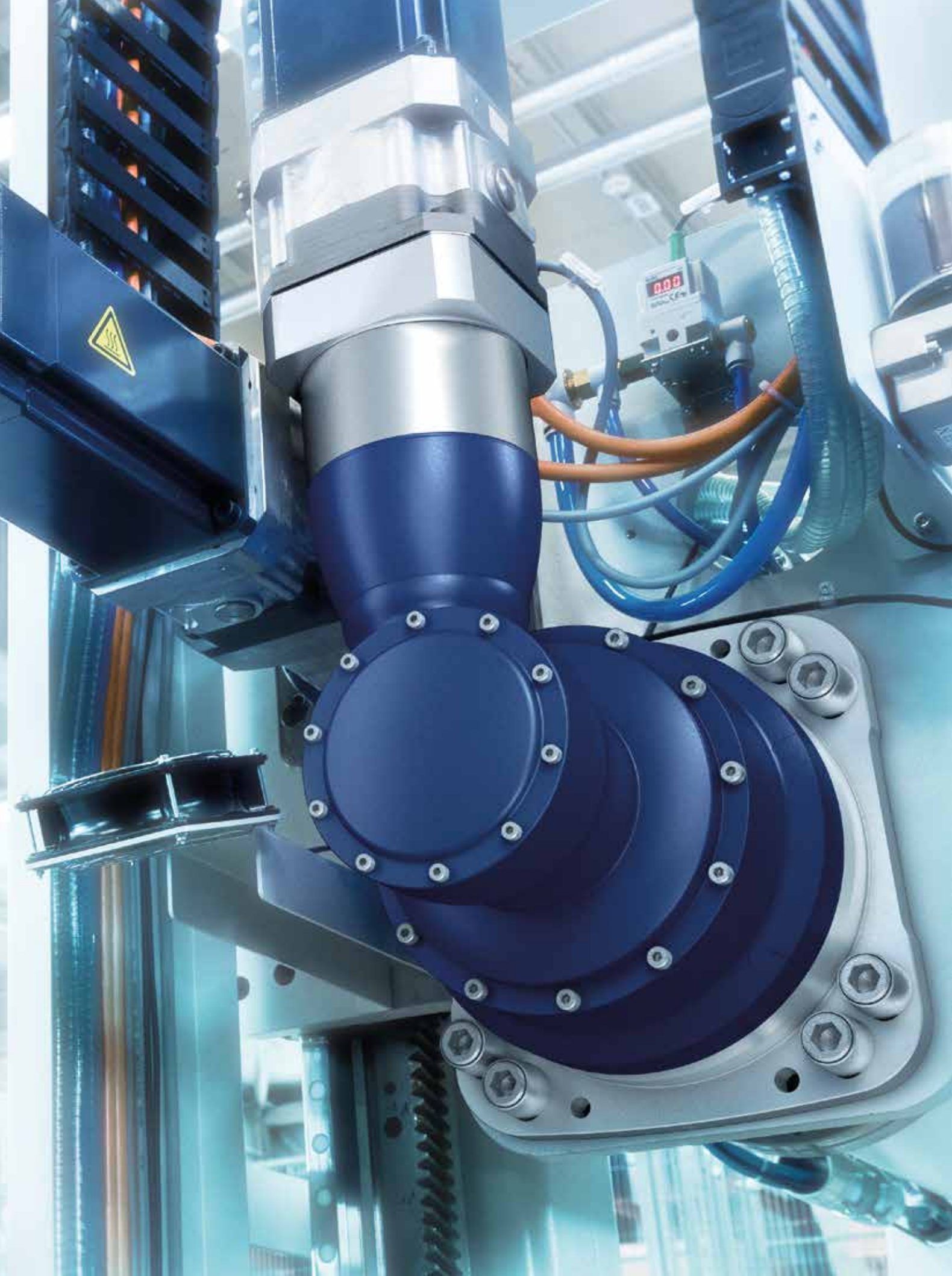
WITTENSTEIN alpha in all axes New products in the Premium Segment

Systems
Software
Service



A low-angle, upward-looking shot of a large industrial robotic arm, likely a KUKA model, dominating the upper half of the frame. The arm is dark and metallic, with a yellow warning triangle visible on its side. Below the arm, a circular cooling fan is mounted on a white structure. The background shows a complex industrial environment with white metal beams, pipes, and other machinery. The lighting is bright and even, highlighting the metallic surfaces. The overall composition emphasizes the scale and precision of the industrial equipment.

Experience us in all axes





YOUR WORLD ...

... IS OUR DRIVE

If you know today what will be needed tomorrow, you are in a good position. It's even better if you can put it into practice. We develop technology that creates the future – ENGINEERING FUTURE SOLUTIONS.

PERFORMANCE

You want to focus on performance:

High torque, outstanding precision and high power density – the key benchmarks for our products and systems.

FUTURE PROOFING

Processes are what we deliver:

You have to have a detailed understanding of processes and requirements from the customer's perspective to develop solutions that deliver added value in both the short and long term.

SCALABILITY

You don't make compromises:

Irrespective of the output range – we offer you a solution that will keep pace with you.

EFFICIENCY

"Lean" is what we aspire to:

We offer products and systems that are designed to be energy efficient and take up minimal space when they are fitted in machines.

AVAILABILITY

You need reliability:

We have the broadest product range on the market and can deliver your "just in time" application.

CONNECTIVITY

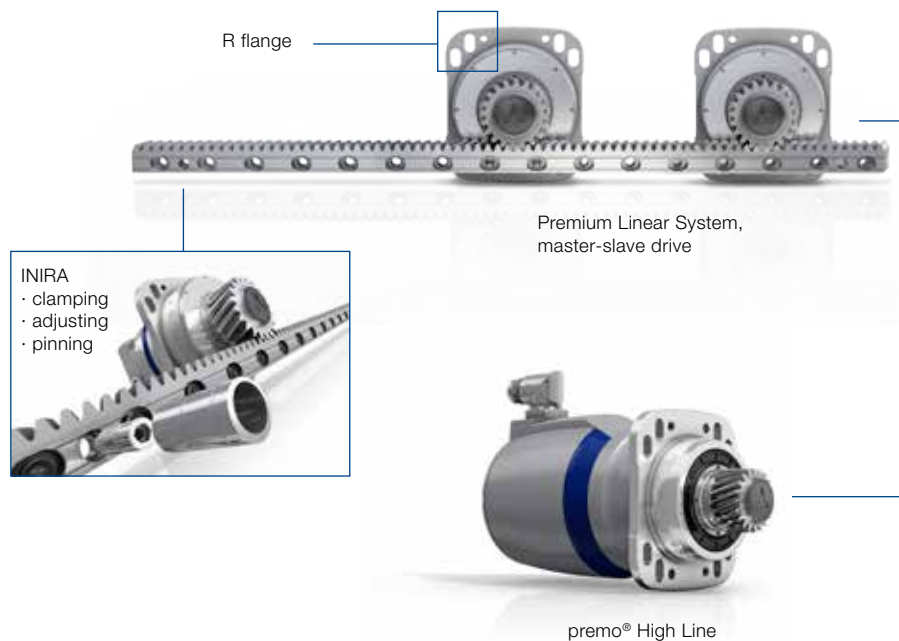
We think in interfaces:

Integration in all kinds of peripherals is possible with all our systems.

WITTENSTEIN alpha – suitable for all axes

We offer suitable drive solutions for every application – and all that from just one source. The areas in which our systems can be deployed are almost unlimited: they range from automation to high-precision axes in machine tools and manufacturing systems that require maximum productivity. Here our name is always synonymous with premium quality and reliability, very quiet running, superior positioning accuracy and feeding forces – combined with the highest power density and rigidity. Our product systems offer innovative solutions for drives and assembly.

User-friendly assembly solutions



Our products in use



7th axis
Source: MOTOMAN Robotics Europe AB



Tube bending machine
Source: Wafios AG



CNC machining center for wood, plastic and composite materials
Source: MAKAS Systems GmbH

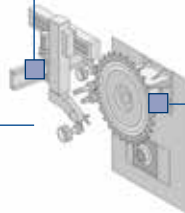
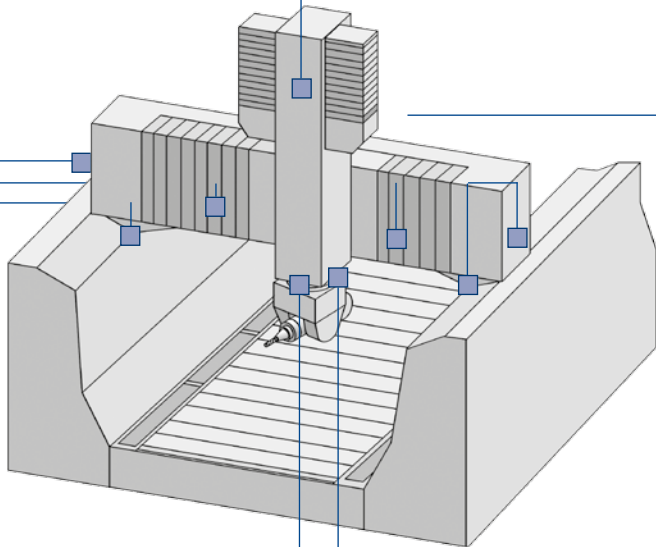
Solutions from WITTENSTEIN in a portal milling machine



Premium Linear System with RPM+



Value Linear System with NPR



premo® Advanced Line



Galaxie® drive system

Lubrication system for all axes



Flatbed laser
Source: Yamazaki Mazak Corporation



Press transfer
Source: Strothmann Machines & Handling GmbH



HSC portal milling machine
Source: F. Zimmermann GmbH

WITTENSTEIN alpha

– Our premium portfolio for your machine

Maximum power density

Power has been increased by up to 200 % compared to other traditional gearheads on the market. Our premium products therefore make a direct contribution to enhancing the performance of your system.

Top engineering and expert advice

Our all-round engineering expertise allows us to develop unique solutions for you and provide the optimum design for your drive train. You will receive support and advice from our highly qualified employees, starting from the initial idea and continuing through the entire life cycle of your application.

Easy installation

Specially designed drive configurations make for simple and fast assembly.

Maximum positional accuracy

Upon request, we can supply you with premium planetary gearheads where backlash is less than one arcminute. Combined with maximum torsional rigidity, this gives optimum positioning accuracy.

alpha Premium solutions. Precisely tailored to your needs.

More power in less space!

- When you need an even more compact drive
- When your machine needs to output even more power
- When you need high-performance Linear Systems



WITTENSTEIN alpha – Sizing tools for perfect design

Close cooperation with you and our experience are the key to success

The fact that we work closely with you has also allowed us to continue to develop our selection and design tools. Your experience served as valuable input when the new software was developed.

On top of this, WITTENSTEIN alpha has over three decades of experience with drive technology. This know-how is your guarantee of unprecedented design reliability.



Info & CAD Finder

- Performance data and CAD data on all gearheads online
- Simple search using order codes or material numbers

www.wittenstein-alpha.com/info-and-cad-finder



SIZING ASSISTANT

– Your Gearhead within Seconds

- Gearhead selection available online, without login
- Get started with the application or motor
- Information on price and delivery time
- Requests for quotations can be submitted directly

www.sizing-assistant.com



cymex® 5

– Calculate on the Best

- Detailed calculation
- Complete drive trains
- Precise simulation of the machine's motions and loads
- Software available to download

www.wittenstein-cymex.com



alpha

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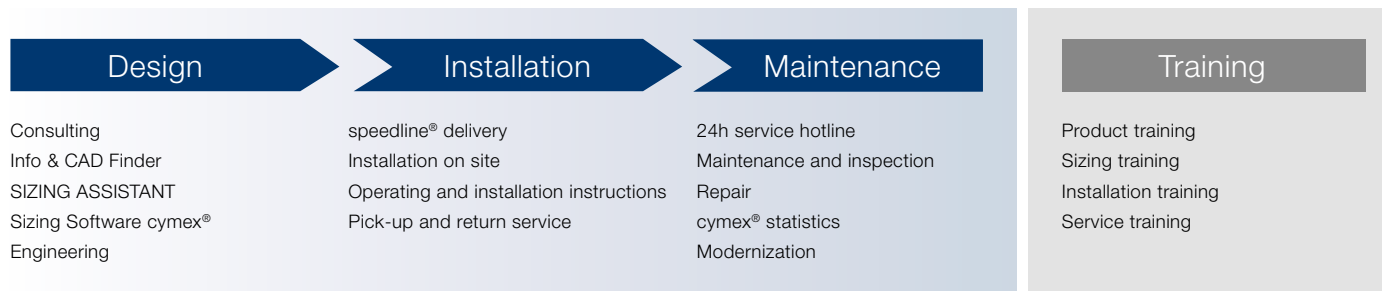
WITTENSTEIN alpha – intelligent drive systems

www.wittenstein-alpha.com



WITTENSTEIN alpha – Support in all phases of interaction

With the WITTENSTEIN alpha service concept we also set new standards in customer support. We are always there for you – from the initial idea through the entire life cycle of your application.



24h service hotline: +49 7931 493-12900

Regardless of where you happen to be located,
a comprehensive sales and service network provides rapid availability
and competent support worldwide.