



New 2-meter racks for a range of applications

WITTENSTEIN alpha now offers 2-meter racks as an option for linear systems in addition to the tried-and-tested racks with a length of one meter. They are ideal for use in short axes, for example, where they simplify assembly even further. When combined with the familiar INIRA® concept for simple, fast, ergonomic and precise rack assembly, the new 2-meter version provides yet more advantages.

The high-quality 2-meter rack is WITTENSTEIN alpha's response to increased demand for this length, which enables customers to simplify their assembly processes even further. The y-axes of laser cutting machines, the lifting axes of gantry robots, plasma and waterjet cutters, the telescopic axes of Cartesian robots, tool changers and the 7th axis in robotics are just a few typical applications.

The tried-and-tested 1-meter racks have a reputation for simple transport, standardized stocking and assembly-friendly handling. INIRA® clamping, adjusting and pinning, too, makes assembly even faster and even more efficient. The potential applications for these 1-meter racks include wood, plastic and composite machining centers, metal-cutting machine tools, laser cutting machines and the positioning axes of gantry robots. Case-hardened 1-meter racks are available for very high feed forces.

Linear system solutions from WITTENSTEIN alpha – the right solution for a range of applications

Solutions to suit any application – that's what WITTENSTEIN alpha linear system solutions are known for. They consist of perfectly matched combinations of a gearbox, pinion and rack. Their possible applications extend from automation to high-precision axes in machine tools. The cymex® sizing software is used for dimensioning depending on the specific smooth running, positioning accuracy, feed force, rigidity and axis configuration requirements. Adapted solutions for re-lubrication round off the systems.

Pictures: (Source: WITTENSTEIN)

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WITTENSTEIN SE develops products, systems and solutions for highly dynamic motion, maximum-precise positioning and smart networking for mechatronic drive technology.



New 2-meter rack with RP+ planetary gearbox

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01_WITTENSTEIN_2-metre rack.jpg:

WITTENSTEIN alpha presents the new 2-meter rack with RP+ planetary gearbox



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The right rack for any application

Texts and photographs in printable quality can be downloaded from presse.wittenstein.de

WITTENSTEIN – one with the future

With around 2800 employees worldwide and sales of €461 million in 2021/22, WITTENSTEIN SE enjoys an impeccable reputation for innovation, precision and excellence in the field of cybertronic motion – not just in Germany but internationally. The group possesses exceptional expertise for the mastery and further development of all technologies relevant to mechatronic drives and comprises six innovative Strategic Business Divisions. These develop, produce and sell products such as high-precision servo drives and linear systems, servo systems and motors as well as cybertronic drive systems for many areas of application including machine and plant construction, aerospace or oil and gas exploration. Nanotechnology and software components round off the portfolio. With 25 sites in more than 45 countries, the WITTENSTEIN group (www.wittenstein.de) is represented in all major technology and sales markets.

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