



Güdel PA-5 based on the gantry robot ZP-5 with an additional pivoting axis

A stand full of innovations

Güdel will be presenting a wide range of product innovations to its visitors at the HMI

Hanover, March 31st 2015. Güdel will be welcoming its visitors in April with a trade fair stand full of innovations. Güdel will be presenting two of its latest product innovations at the world's leading trade fair for industry technology, the Hannover Messe Industrie. But that's not all. An area gantry, the FP 5, that has never before been exhibited at trade fairs, will also be showcased. It will be moving right above the visitors' heads over an area covering more than 55 m².

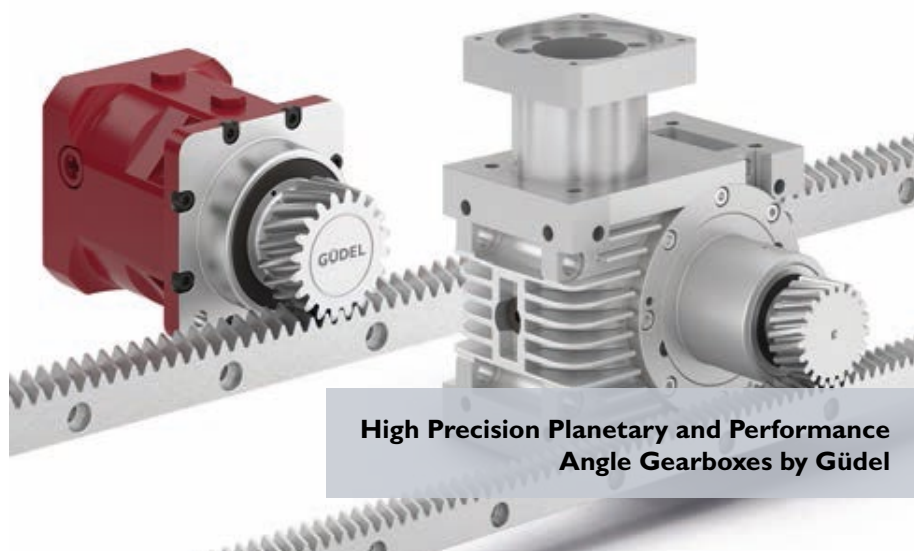
The product innovations will, on the one hand, include a solution for the PA-5 specifically designed for low buildings. Based on the biaxial ZP-5 gantry robot, this robot gantry system features an additional pivoting axis. The sturdy and robust design of the PA-5 allows it to lift the same payload as a standard Z-axis. Compared to a telescope axis of the same size, it makes it possible to move 25% more mass. In addition, the PA-5 can be equipped with a mobile top vat. This mobile top vat makes a covering unnecessary over the full length of the Y-axis.

Another product innovation is the flexible pallet conveyor. Its application areas are the conveyance of cylinder blocks, cylinder heads, gearboxes and crankshafts. Furthermore, the pallet conveyor can also be used in building shells. Its key features are its compact and flexible construction, with its modular design making it possible for it to be extended in any direction. The pallet system allows a large range of different components to be conveyed. At the trade fair, Güdel will be combining it with a patented turning station on which the two pallet conveyors are positioned at a 45-degree angle to each other.

As a further highlight, Güdel will also be presenting its two new gearbox families. These just made their debut in March, and celebrated their worldwide launch at the WIN Automation trade fair held in Turkey. Güdel will be presenting a total of 11 different design sizes at the trade fair. Other sizes will follow in just a few weeks. The high-precision and high-performance gearbox properties speak for themselves. The gearboxes can be easily upgraded with perfectly harmonized packages to form optimal drive trains. Güdel provides a comprehensive range of products in this area, unique in their levels of quality, vertical integration and diversity.

Furthermore, the trade fair stand will be providing insight into a number of the business units operated by Güdel. Along with components, gearboxes, modules and linear robots, the power train and technologies divisions will also be showcased. Visitors will learn more about the specific competencies of these business areas. By showing detailed demonstrations and projects it has already implemented, the full range of fields of automation that Güdel can cover with its components and solutions will be made clearly evident.

Of course, there will also be a focus on the partner country to this year's trade fair, India. Güdel has been operating a company of its own and maintaining a large team in India for many years now, providing extensive on-site support for its customers there.



High Precision Planetary and Performance Angle Gearboxes by Güdel

Güdel Group AG

The Güdel Group is a manufacturer of high-precision machine components and provider of sophisticated automation solutions. Its spectrum of products ranges from linear guideways, racks, pinions and drives right through to linear axes and gantry robots. Güdel assembles its products into systems with a high degree of control intelligence and complete plant installations, which can be used in the automotive, tire, metal, rail, intra-logistics, pharmaceutical, renewable energy, wood, and aerospace industries. Güdel's technology is characterized by its innovation, quality and modularity. The Güdel Group has a workforce of approximately 1,100 employees worldwide in over 30 locations. The Group has been owned by the same family since its foundation more than 60 years ago. The Güdel Group has its headquarters in Switzerland.

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