

Project handling at Witte You'll never walk alone

Development, design, manufacturing, quality control, distribution ... Why take every step from the product idea to market success alone – or not at all, just because individual milestones are missing? Where there is a perfect companion in Witte: as a partner for project management and project implementation on behalf of customers. To transfer to, optionally the entire process or as a project partner for individually required services or defined milestones. We have all necessary technical and human resources available. More regarding project implementation with Witte on page 2.



Even under special conditions: Good news!

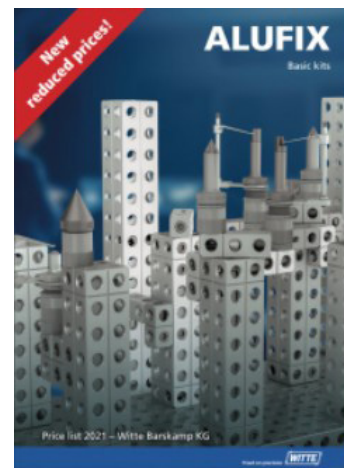
Despite Corona and all the challenges that have come with it: Witte remains creative. Our product developers brought innovative modular fixture and vacuum clamping technology solutions to the market again in 2020. For example, world firsts such as precision grid base plates with variable high-precision bores (see page 3) or the QuadroVac vacuum clamping system for heavily contoured workpieces that can be machined in multiple axis (picture on the left and page 4). And good news will continue in 2021 - that's for sure.



New, permanent price reduction

Now the market leader is also making the running when it comes to profitability calculations: with now permanent lower prices. The new conditions – for example basic elements reduced in price by up to 15% – cover the entire range of the modular ALUFIX system. This makes solutions with the globally proven clamping and fixturing system for repeatable workpiece fixtures in dimensional measurement and manufacturing technology even more attractive.

<https://www.witte-barskamp.com/catalogues/>





CAD-Designs on behalf of the customer: Development of ideas and concepts

Witte develops customer ideas, creates prototypes and makes them ready for production. The performance foundation for this is our excellent design department with international development team and our in-depth experience in mechanical and broad scope system engineering. As well as the knowledge and competence gain and internal passing on of knowledge from over 50 years of global Witte market experience. The CAD design systems CATIA, NX and Solid Works are in use.

Project implementation with Witte: Development, manufacturing, logistics, assembly

Do you have a product idea and a potential sales market – but no development and production capacity? Or do you have a finished product – but no resources of your own for quality testing, distribution and assembly? No problem, we'll do it for you! With the Witte project management and the project implementation on behalf of the customer. As a complete process or a modular partial service.

We have the resources for your plans. We have the capacity and know-how you require. We have the experience you demand for the technical and economically optimal implementation of your projects.

Development, design, testing, manufacturing production, quality testing, delivery, assembly and commissioning. Witte offers the full range solution for your individual project requirements – as a closed, commissioned process from A to Z or as a precisely tailored individual service.



Distribution and commissioning on site No matter what or where to: We'll take care of it!

Witte produces, individualizes and distributes your product – on request worldwide and even with assembly and commissioning on site. If desired, also with integration/connection of electrical and pneumatic systems as well as electrical engineering and electronics.



Social-Media

Facebook, Insta & Pinterest

“Hot off the press” information, news about the product portfolio and insights into the multifaceted Witte corporate world can also be found on our social media accounts on Facebook, Instagram and Pinterest.

www.facebook.com/WitteBarskamp
www.instagram.com/wittebarskamp
www.pinterest.de/wittebarskampkg



TISAX audit successfully completed

Quality and reliability confirmed! Witte Barskamp KG successfully passed the demanding TISAX audit. Witte is herewith approved for the awarding of contracts not only by Volkswagen AG but also other VDA (Association of the Automotive Industry) associated companies.

TISAX is a cross-company test and exchange procedure for informational security in the automotive industry. It is about data protection, integrity and availability in the manufacturing process. This is done using an information security management system (ISMS) analogue to the ISO 27001 standard.



Succession: New QM team

In the spotlight at Witte Barskamp KG: Doreen Wand and Andreas Fabel.

They will take over responsibilities and duties as quality manager and team leader for quality assurance. Uwe Linhart has moved on to now enjoy a well-earned retirement after 15 years as QA manager at Witte.

New precision grid base plates

Unique solution: variable hole diameters

With the new generation of its precision grid base plates, Witte has implemented a so far unique and practical solution: size-variable high-precision bores. This enables the setup of fixtures completely independent of the basic dimensions of the grid hole diameter and the clamping system used.

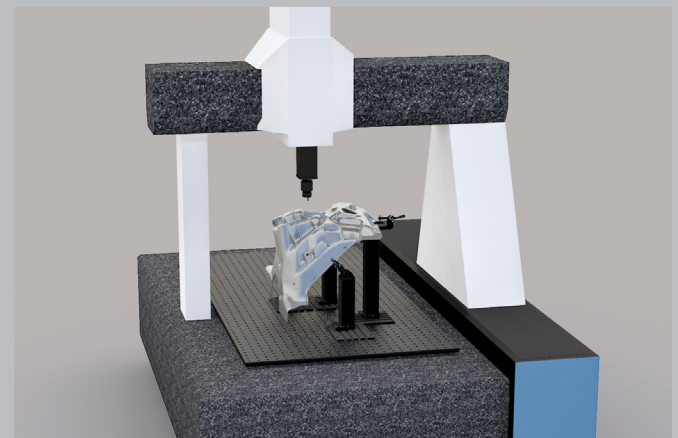


ALUFIX grid base plates from Witte create the basis for precise and repeatable measurement of clamped workpieces and devices. Individually adapted to the respective measuring volume, the type of measuring machine the device/fixture, they

allow different and from application to application changing clamping configurations to be setup. The new generation of this product line, which has been tried and tested for decades, scores with a decisive further development: size-variable high-precision bore diameters. This unique solution makes these grid base plates from Witte the currently most flexible of their kind available on the market. The precision bores in the plate top surface offer the optional advantage of screw-in bushings that

reduce the bore diameter and to have different sized threads. This enables extremely versatile, user-specific and, above all, repeatable, precise clamping configurations. As mentioned, independent of the basic dimensions of the plate hole diameters and the clamping system used.

The new precision grid base plates are fully compatible with the entire variety of parts of the modular ALUFIX clamping system from Witte – but also with practically all third-party systems. Even in their standard dimensions and designs, the grid plates harmonize with all common coordinate measuring machines, optical measuring systems and devices. Individual user requests can be met in a wide variety of combinable grid spacings, bushings or bore size, thread size, plate thicknesses, outer dimensions in length and width, plates split into segments and also surface treatments and plate colors as well as individual labeling.





Hold-down springs with release function: Expanding the product line

The product line of the new hold-down springs with manual release function from Witte is now presented with further size and clamping force variants. They have a lever positioned at the back of the spring body, which releases the spring so that it can be lifted off or readjusted with the right amount of clamping force at the wanted pressure point.

New, innovative vacuum clamping system QuadroVac: For workpieces with significant contour

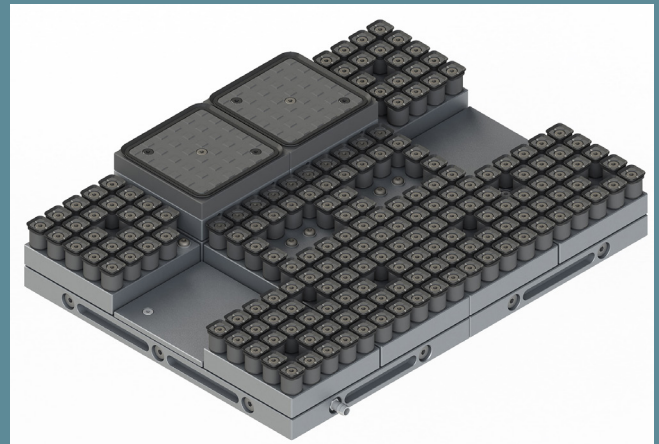
With QuadroVac, Witte is bringing a new vacuum clamping system onto the market especially suitable for heavily contoured workpieces that have to be machined in multiple axis. QuadroVac is primarily used for milling, drilling and thread tapping on small to medium-sized workpieces made of wood, plastic, glass or metal, for example also on cast parts. Especially on parts with gradations, pockets, cut-outs or interrupted surfaces.

The system consists of modularly combinable vacuum base plates in various formats, for example 300 x 450 millimeters. These in turn accommodate clamping "blocks" of the same size in a grid of 150 x 150 millimeters – individually distributed as required and according to the shape of the workpiece to be clamped. Elements with a flat clamping surface are available, those for covering areas of the base plate that are not required, those that can be milled flat by the user at the desired height – and those with variable molded sealing elements.

The latter ensure unprecedented flexibility in five-sided machining of clamped small and medium-sized workpieces. These elements are equipped with a total of 25 molded sealing elements (pods) in a grid of 30 x 30 millimeters. They

form the contact point to the work piece through which it is sucked in and clamped. QuadroVac pods that are not relevant for the work piece geometry can be unbolted and are available at any time for other applications with different work piece contours.

The 30 x 30 mm grid, which can be individually equipped, enables both closely spaced holes and openings as well as those with a correspondingly large area clamping surface or large non-clamping gap. As well as a comfortable working depth due to the pod height of 25 millimeters. In addition, QuadroVac allows the work piece to easily be machined on the sides thanks to the fact that it is clamped higher than the machine tool table.



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