

TECSAFE
Foam
made to order



»» **Our philosophy: Maximum quality, rapid realisation & individuality**

NO STOPPING FROM THE FIRST SECOND

Founded in 2010, TECSAFE has become a leading manufacturer of foam inserts for storage, protection, transport and packaging applications.

Father and son Knut and Maximilian Hermes started out with a small-scale operation producing foam inserts. We now have two production sites and a customer base that includes over 300 manufacturers, retailers and associations. The steadily growing demand from our customers is currently being handled by a workforce of over 50. Germany's FOCUS magazine has already awarded us the accolade of "Growth Champion" no fewer than three times.

„Our success is no accident. From the very outset, our family company has focused on technical innovation and the highest quality standards. This benefits our customers in the form of extremely fast delivery times, industry-leading online configuration options and superior product quality. Throughout our journey, we have maintained our passion for bespoke solutions and still enjoy being able to support our customers with tailored storage and packaging ideas.“

Knut Hermes



Knut Hermes and Maximilian Hermes
Managing Directors of TECSAFE



50 staff



28 milling plants



2 sites



Over 3.500 m²
for production
and logistics



Custom designs
in the smallest
of quantities

»» Hoffmann Engineering Services GmbH

We've been using TECSAFE's flexible and reliable services since 2010. During this period of close collaboration, we've come to particularly value the continuously high quality and precision of the products, which we're pleased to pass on to our customers.

Klaus Schmitt

Senior Director Work Stations + Storage

**OUTSTANDING
INNOVATION.**

**ENHANCED
QUALITY.**

**HIGHLY SATISFIED
CUSTOMERS.**



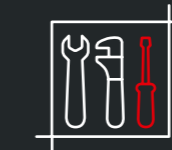
Custom designs in the smallest of quantities



Optimum material quality for durability



Innovative contour capture technologies



Largest contour database with more than 30.000 branded tools from well-known manufacturers



Digital processes for fast delivery

TECSAFE SERVICES

TECSAFE is ultimately all about high-quality foam inserts.

It's the years of development work and the ongoing optimisation of our service operations that have made TECSAFE a leading manufacturer of top-quality foam inserts. Our success is based on perfecting the entire value chain – from data and contour quality to our planning experience and actual production.



CONTOUR CAPTURE

"The final product can only ever be as good as the contour data on which it is based."

Maximilian Hermes

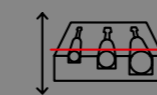
From manual contour creation and mobile scanning with a smartphone or camera to professional 3D scanning, TECSAFE offers technologies to obtain the most accurate results for every application.

We provide our customers with all contour data in digital format in their very own catalogues for future insert planning. Our close links with manufacturing companies mean our customers benefit from the widest possible selection of contour data without needing to have the relevant tool at hand. In addition, our customers can record their own contours independently and completely mobile, save them in their own database and then use them in planning.

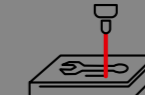
CONSULTING & PLANNING

TECSAFE started out with the custom planning of foam inserts.

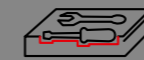
Our professional sales and engineering team offers our customers the advice they need to produce even the most sophisticated solutions. Customers can also design foam inserts independently with our online configurator. Leveraging the experience of our engineers and customers in equal measure, it offers an intuitive interface for the self-explanatory creation of new inserts without having to compromise on professional details.



The perfect fit



Laser lettering for clear assignment



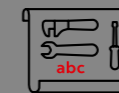
Cut-out depths and gradations for any application



Labelling for rapid identification



Grip recesses and pressing points for rapid access



Documentation and audit certainty

PRODUCTION

We have optimised and enhanced our production in over the years.

Our production operations are now almost fully digitalised, which works to the benefit of our customers. For example, our impressively short production times enable us to meet all the latest inventory reduction and just-in-time delivery requirements.

Our advanced laser technology opens up opportunities for organisational elements and personalisation. Details such as workstations IDs, article numbers and serial numbers can be laser-etched anywhere on the surface of the inserts in various font styles and sizes. Logos and pictograms are also easy to add.

Despite the high degree of digitalization, each inlay is carefully reworked and checked by hand by our quality assurance team. This is how we guarantee that our high quality standards are met 100 %.





Protecting and organising sensitive tools

ORGANISATION AND STORAGE

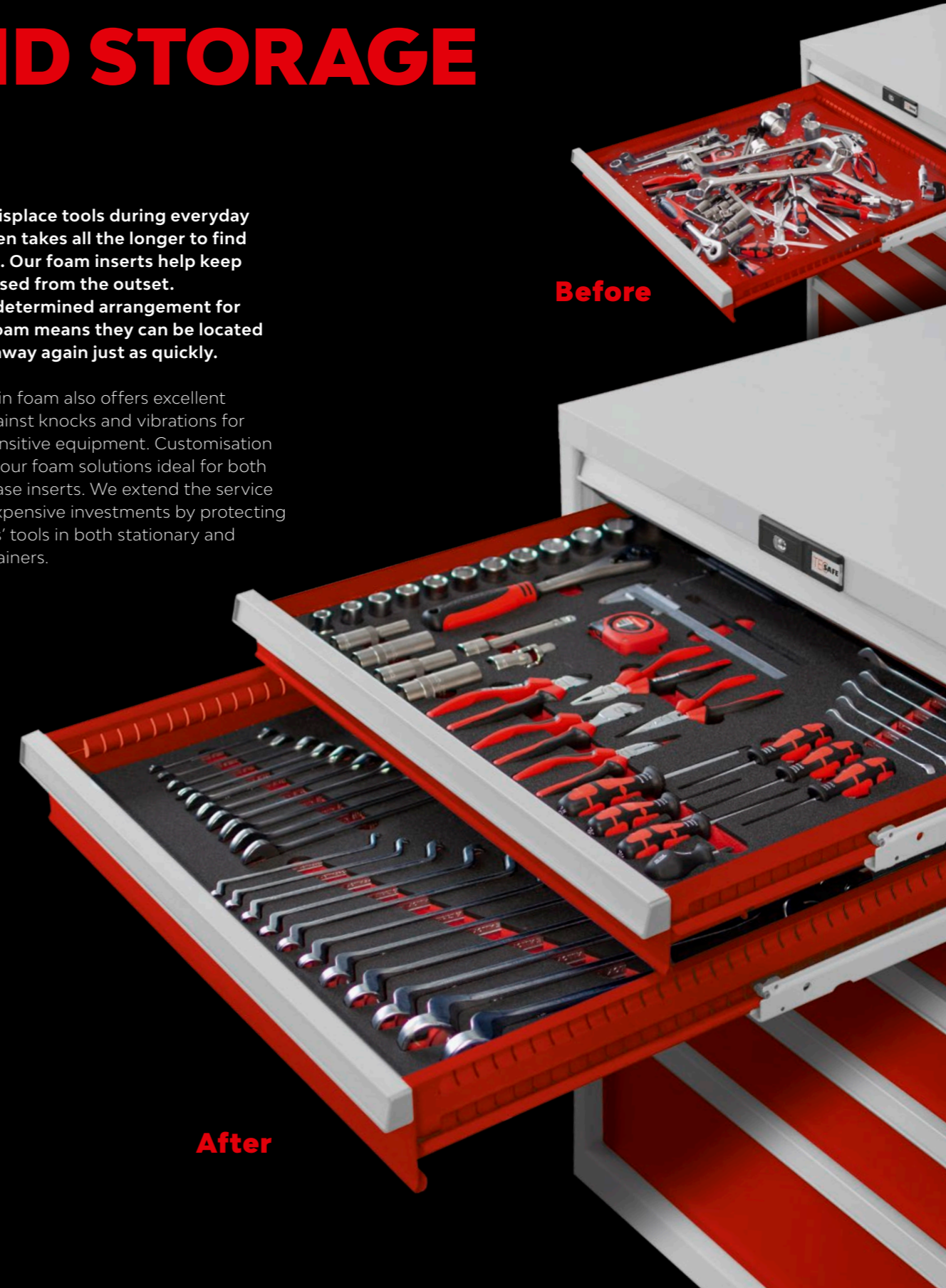
It's easy to misplace tools during everyday use, and it then takes all the longer to find them later on. Our foam inserts help keep things organised from the outset. Having a predetermined arrangement for tools in the foam means they can be located fast and put away again just as quickly.

Storing items in foam also offers excellent protection against knocks and vibrations for particularly sensitive equipment. Customisation options make our foam solutions ideal for both cabinet and case inserts. We extend the service life of often expensive investments by protecting our customers' tools in both stationary and portable containers.

Before



After



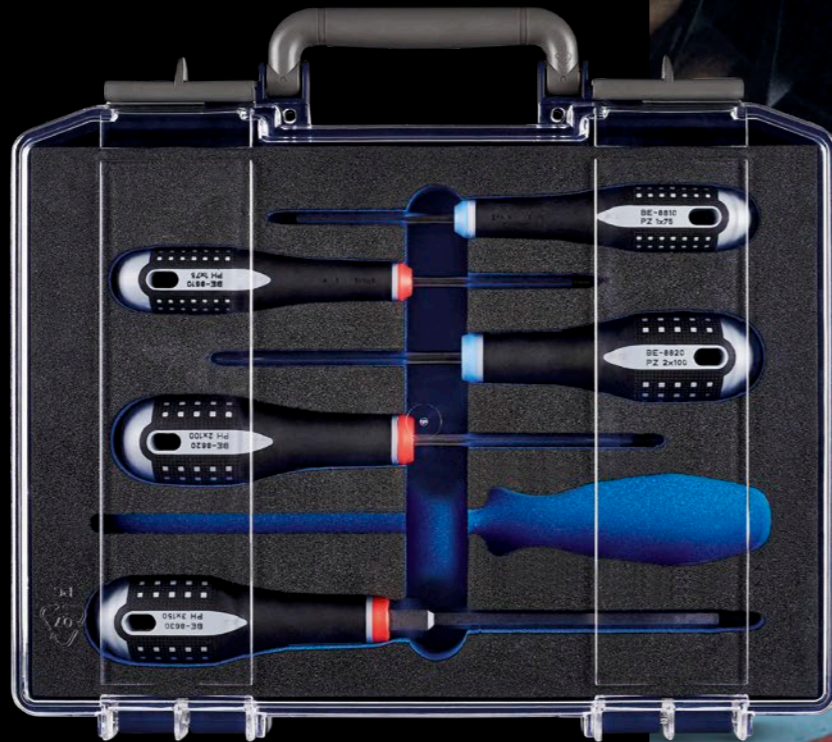
WORKFLOW AND PROCESS OPTIMISATION

Our foam solutions help with numerous process optimisation and planning tasks. Foam shadowboards were originally used in the aviation industry.

Well-organised process workflows are vitally important in this sector. Dual-color foams make it easier to spot when tools are missing, thereby preventing unfortunate accidents resulting from oversights such as inadvertently leaving spanners in a turbine.

This principle is also applied in many other areas and is ideal for everything from Kanban workflows to cutting-edge production involving 5S process optimisation. Our experienced consultants are happy to help you plan your foam inserts, tailoring them perfectly to your particular processes and way of working.

We handle even the smallest order quantities and production takes no time at all, which means repeat orders at short notice are never a problem either.



»» **Ideal for 5S processes and Kanban – when every move needs to be perfect.**



Versatile and cross-industry applications, e.g. in the medical and food processing industries



OCCUPATIONAL SAFETY

In addition to storing sensitive tools securely, our foam inserts also protect our customers' employees from injuries caused by exposed cutting surfaces and sharp-edged or pointed items.

TECSAFE's cleanroom inserts in PE/POM help to fulfill the highest health and safety requirements.

Simply get in touch to discuss the numerous possibilities!

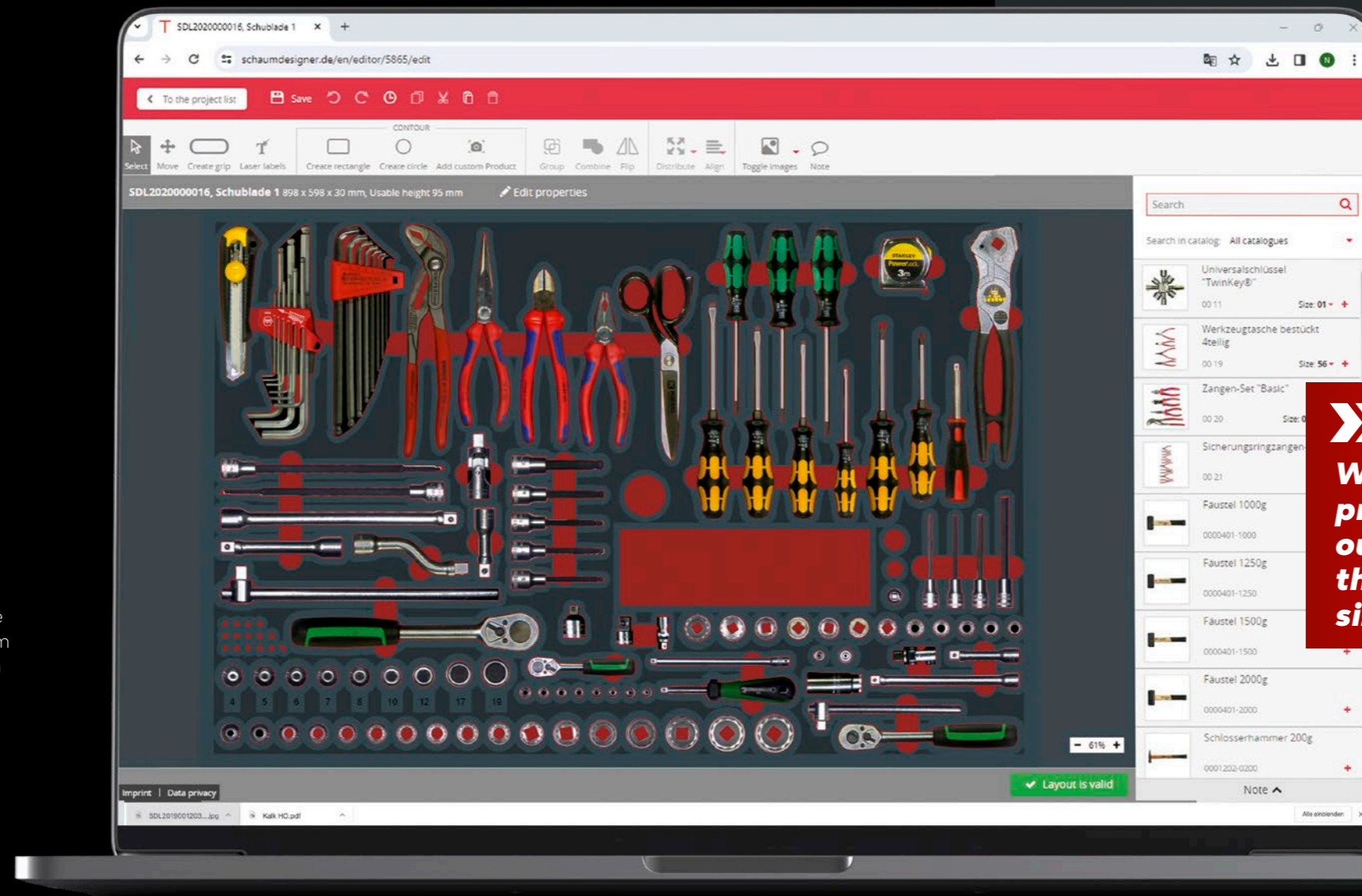
INDEPENDENT PLANNING WITH »» SCHAUMDESIGNER

PLAN CUSTOM FOAM INSERTS DIRECTLY ONLINE

Our services are built around the planning and design of foam inserts. Customers can use our configurator for independent online planning according to their needs.

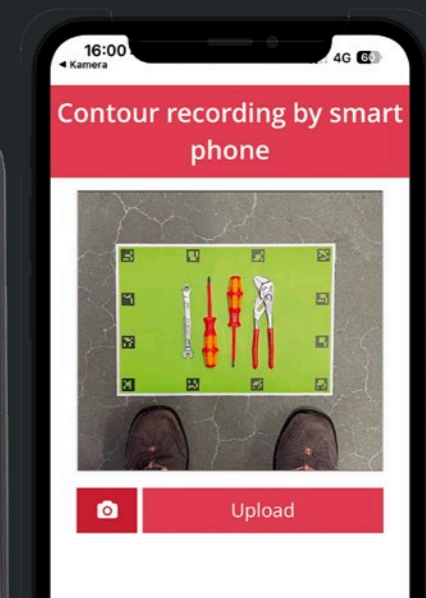
The online configurator has all the setting options required to plan even the most sophisticated of foam inserts. Easy access using any modern web browser – without having to download and install any software whatsoever – makes the configurator extremely versatile. Customers can use it at work or at home.

Over the years, we have factored the experiences of thousands of users into the ongoing development of the **SchaumDesigner** software. This has resulted in impressive intuitive handling throughout the planning process and means absolutely no previous knowledge or technical skills are required. What's more, our system offers a multitude of detailed setting and optimisation options to meet the highest demands.



CONTOUR CAPTURE: MOBILE • FLEXIBLE • FAST

Our online configurator boasts a wide selection of contours from big-name tool manufacturers and also enables you to use your own mobile phone to photograph your items in situ. The digital contour recorded in this way is linked directly to our configurator, where it is immediately available for your further planning.



We ensure cost-efficient production of any quantity our customers require – all the way down to a batch size of one.



A CUSTOM FOAM INSERT IN FOUR SIMPLE STEPS



1. Independent planning with SchaumDesigner

You can use our intuitive SchaumDesigner software to plan your foam insert independently based on your needs. Select the desired item from our database.



2. Optional - Contour capture

If the desired item cannot be found in the database, you can simply take a photo of it with your mobile phone.



3. Fast, cost-efficient production

Our digital production workflows support fast, cost-efficient production of your foam inserts, all the way down to a batch size of one.



4. Finished foam insert

Following meticulous quality control, you will receive your unique foam insert in a matter of days.



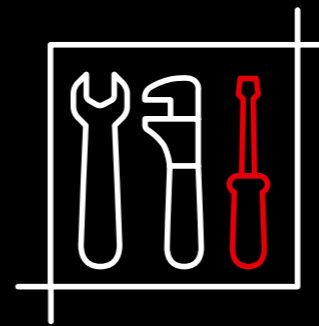
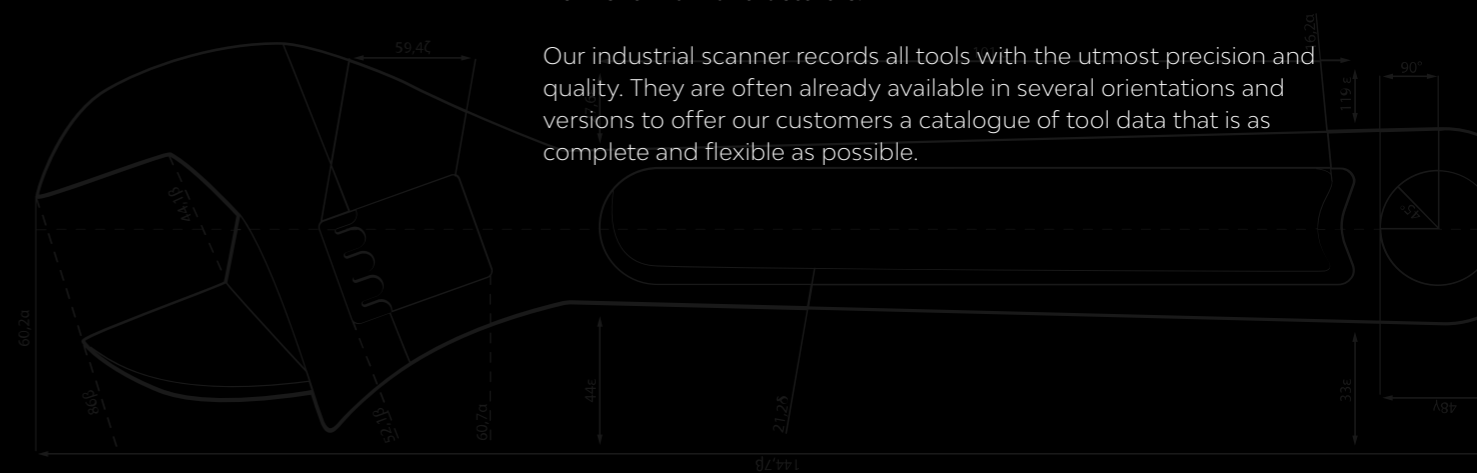
**At TECSAFE, it all started
with the custom planning
of foam inserts.**

CATALOGUES OF MAJOR TOOL MANUFACTURERS

THE LARGEST TOOL DATABASE IN THE INDUSTRY.

High-quality 3D models of items are vital when planning foam inserts. Especially in the case of hand tools, customers benefit from TECSAFE's long-standing collaboration with numerous big-name industry manufacturers. Many of our customers no longer need to photograph their own tools, because they have access to more than **30,000 tools** from over 20 manufacturers.

Our industrial scanner records all tools with the utmost precision and quality. They are often already available in several orientations and versions to offer our customers a catalogue of tool data that is as complete and flexible as possible.



**Use our comprehensive database with over 30,000
branded tools from the following companies:**

ASW Wekador • Bessey Gruppe • GEDORE • Halder/Picard
Hazet • Knipex • KUKKO • Matador • NWS • Rennsteig
Stahlwille • WERA • WIHA

Our database also includes your purchasing association's own-brand tools.

WE GO BEYOND FOAM ...

The original focus was on made-to-order foam inserts, but TECSAFE is now also able to extend the same qualities to other materials.

In addition to conventional foam, we work with materials such as wood or plastic, so that we can offer not only aesthetic but also technical alternatives for special physical requirements.



SELECTION & MATERIAL QUALITY

We expect a lot of ourselves when it comes to achieving a high-quality result.

That is why TECSAFE deliberately chooses to use materials of the highest quality. Over the years, we have realised that, despite the associated costs, quality really does pay for itself at the end of the day. Our products combine an above-average service life with excellent robustness in everyday use.

TECSAFE is also able to implement individual color or material combinations on request, for example based on CI standards.

In terms of material composition, we pay attention to high quality. Our foam is made of Polyethylene, which is produced in Europe and is therefore subject to strict guidelines.



We can also manufacture all foams in electrostatically dissipative (ESD) material.



PE and POM are particularly suitable for environments in which hygienic working conditions are required, such as in the food and chemical industries, thanks to their abrasion resistance and physiological harmlessness.



» PE

Polyethylene (PE) has an anti-adhesive surface and high chemical resistance. The material also has a high elongation at break, which persists even in cold conditions. Due to its low density, the material is lighter and therefore pleasant to handle on a daily basis.

PE can also be offered in two colors, similar to conventional foam inserts.

» POM

This material is also highly resistant to cracking. In contrast to PE, Polyoxymethylene (POM) is less susceptible to scratches and dimensionally stable due to its high surface hardness. Furthermore, POM can withstand higher temperatures in the plus range than PE. In addition to its chemical resistance, this material is characterized by its high stability with regard to various solvents.



» Wood

As a natural resource, wood can be recycled and is therefore considered one of the most sustainable materials. Depending on how it is processed, it is also durable, easy to clean and weather-resistant. Due to these properties, it can be used flexibly both indoors and outdoors.



ORGANISATION & STORAGE



PACKAGING

» United Salon Technologies GmbH

We see TECSAFE as a local company providing a very personal service. The great advice and the use of innovative materials helped us create an impressive packaging solution.

Uwe Schlichting
Product Manager Scissors and Knives



» WÜSTHOF GmbH

What particularly impresses us about TECSAFE is their creative and experienced advice. We greatly appreciate their high level of flexibility and rapid response when formulating proposed solutions.

Nicolas Kern
Purchasing

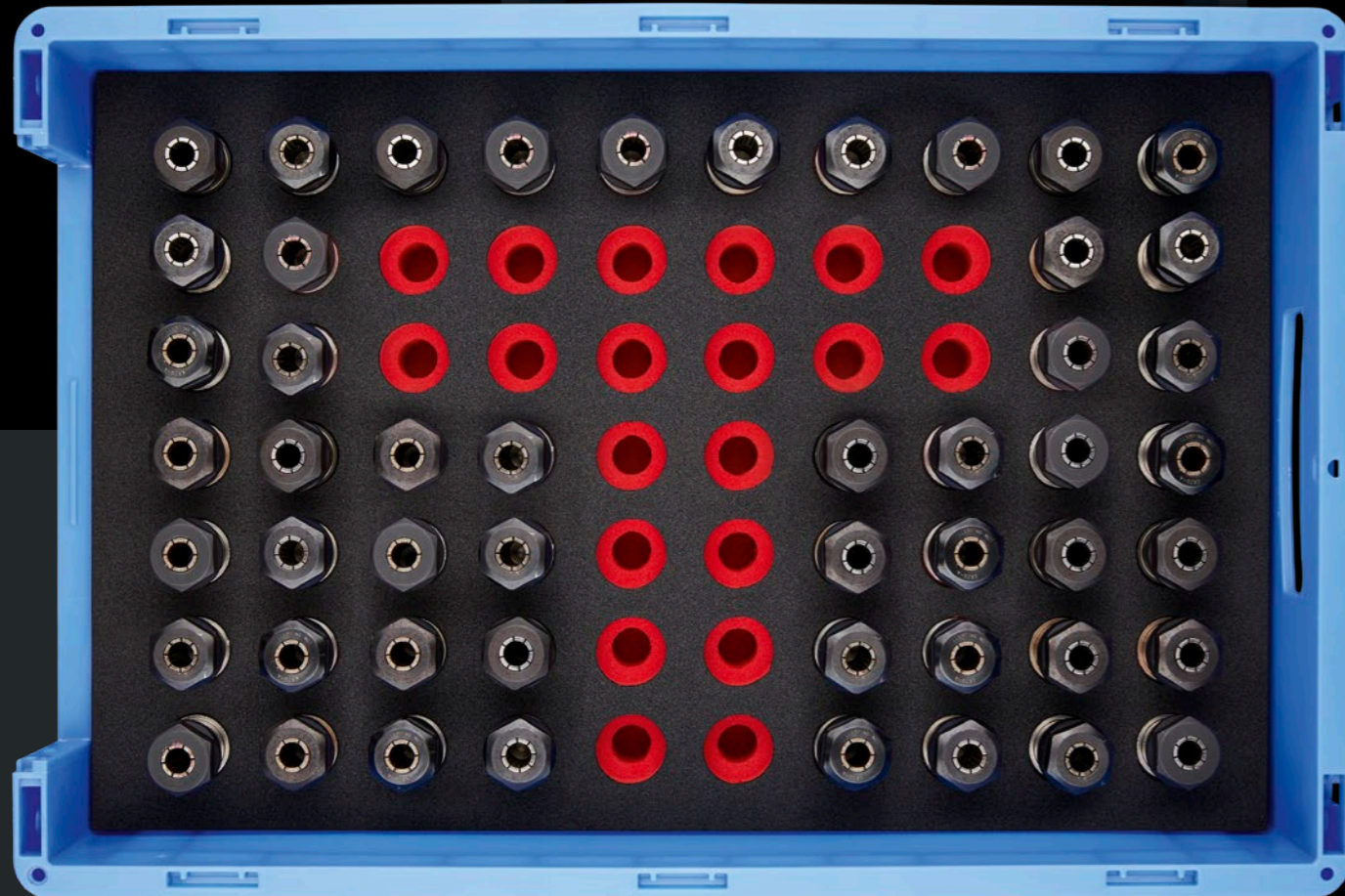


LOGISTICS SOLUTIONS

» raaco A/S

We have a long-standing and close partnership with TECSAFE. We particularly appreciate the exceptional flexibility and level of innovation when it comes to creating new product solutions. As a result, we're now able to offer our customers made-to-measure foam inserts for our unique compartment box and case concept.

Peter-Thomas Damberg
CEO



CASE SOLUTIONS

» STAHLWILLE Eduard Wille GmbH & Co. KG

From the moment we started working together, TECSAFE have impressed us with their systematic approach, extremely flexible production times and rapid response - even in the case of special, bespoke customer requests.

Stephan Pränger
Product Management/Product Manager



RESPONSIBILITY FOR THE ENVIRONMENT



100 % free from chemical vapors



MANUFACTURE

A special feature of the material we use is the production method. We differentiate between the chemical and physical foaming process. The material we use most frequently is physically foamed in a vacuum process and is therefore considered to be the most environmentally friendly of its kind.

FOAM DENSITY

In our foam portfolio, we offer selected, high-quality foam qualities that we have tested in use for years. Our foams therefore have a decidedly longer life expectancy compared to lighter qualities, which our customers ultimately reward us with their loyalty.

ENERGY PRODUCTION

Thanks to the photovoltaic system, we are able to produce and use our own electricity with the help of solar energy without harming the environment. In combination with our own combined heat and power unit, we can produce almost completely self-sufficiently.

FOAM LAMINATION

We do not use glued foams, but rely on the more sustainable welding process. This leads to more durable results and avoids the use of adhesives that are harmful to the environment and health.

RECYCLING

More than 95 % of our production waste is recycled and reused by a selected partner. For example, the waste is used to produce fall protection and impact mats for high-quality artificial turf systems in sports. In addition, these products can be recycled again once they have reached the end of their useful life.



CONTACT

Our team looks forward to hearing from you if you are interested in our services and require further information or are looking for a quote.

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E-mail: info@tecsafe.de • Web: www.tecsafe.de

Paying a visit

Dingshauser Straße 6 – 10 • D-42655 Solingen

We would be happy to arrange individual appointments with you.



Instagram



LinkedIn

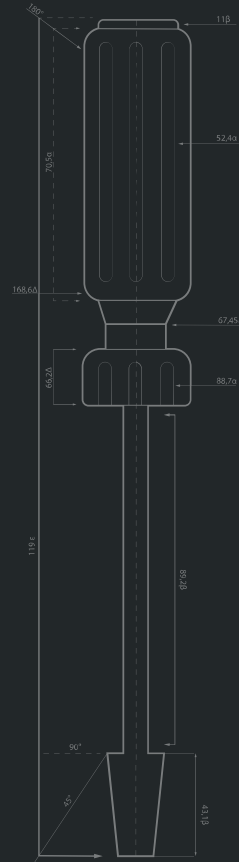
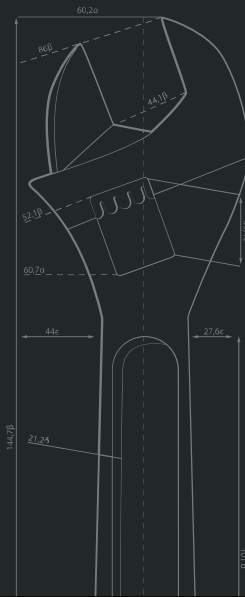


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TESAFE
Foam
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