



## To build the best welding tables is our aspiration!

Dear Ladies and Gentlemen,

regardless of whether you process heavy steel components for locomotive- or bridge construction, or minor metalwork - with our welding- and clamping table systems you receive a solid tool, that meets your individual requirements. As solid and reliable as South German Bavaria, where our headquarters are located.

It is here in Oberottmarshausen, close to our state capital Munich and near Augsburg, where inventions such as the Diesel engine, the first submarine or the 6-axis industrial robot Famulus revolutionized the world, where we develop precise products so you can achieve precise results. There is a lot of Know-How and experience in our welding- and clamping table systems. Not just our experience - yours as well. We directly implemented your suggestions and inspirations in the development of our products.

For example our exceptional development:  
Professional Extreme.

By combining two hardening processes you receive a welding table harder than tool steel, as well as an exceptional design. We received awards for its esthetic design in Europe and also in the USA.

On this basis we follow our passion to find intelligent, future oriented flexible solutions for you, combined with developing design quality. Read more about our inventiveness from page 12. With our product catalog we want to introduce you to the multifaceted portfolio of the Bernd Siegmund GmbH. On more than 700 pages you can read about our tried and true products, our innovations and special solutions. We make welding, measuring, grinding and clamping substantially easier for you.

Enjoy!

PS: Visit our homepage: [www.siegmund.com](http://www.siegmund.com) -  
to find very special offers!



Yours  
Bernd Siegmund



Yours  
Daniel Siegmund





As of August 2018

# Siegmund Group / Bernd Siegmund GmbH

History of today's Siegmund Group starts in the year 1982:

Graduate engineer Bernd Siegmund founds his own engineering office in Augsburg, Germany. Back then he developed facilities, transportation systems, machines and machine parts for automotive- and environmental technology.

Today we are a family group with diverse, legally independent enterprises, operating in different countries. We have a staff of more than 300 colleagues, maintaining global business ties in more than 50 countries.

Our main business sectors are:

Development and manufacturing of welding- and clamping table systems.  
Development and production of machines and machine parts Surrounding these activity fields we offer corresponding products and accessories.

We are also a service contractor for technical issues. Bernd Siegmund GmbH is since autumn 2018 headquartered in Oberottmarshausen in the south of Germany, in beautiful Bavaria. It is the epicenter for our welding- and clamping table systems. Since it is here where our design engineers develop the tools to guarantee your and our success.

At our location in Deggingen, Degginger Maschinenbau GmbH, manufacturing of our welding tables takes place, as well as development, production and distribution of our products and services surrounding mechanical engineering.

Locations of our group of companies:

Oberottmarshausen (D), Grossaitingen (D), Deggingen (D), Gossau (CH), Skawina (PL), Lublin (PL), Ningbo (CN).

Operating area approx. 150.000 m<sup>2</sup>,  
area of production and warehouse approx. 60.000 m<sup>2</sup>



Großaitingen (D)



Deggingen (D)



Skawina (PL)



Lublin (PL)





# Profit from our Bavarian values!

Our headquarters in Oberottmarshausen are located in the heart of Bavaria, in the south of Germany. It is without a doubt one of the leading economic areas within Europe.

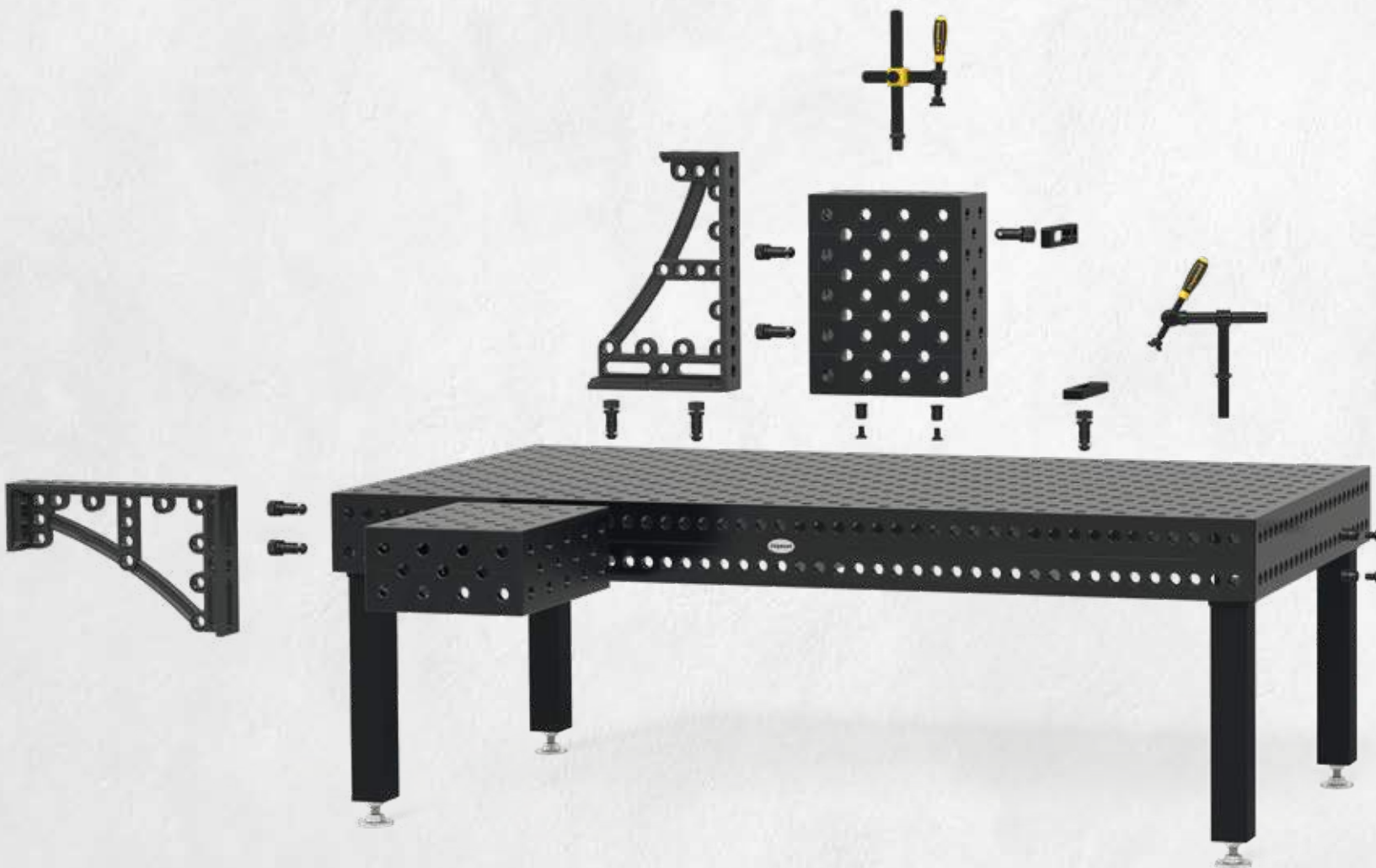
Bavarian virtues, a mixture of hightech and tradition, are very important to us. Values like tradition and reliability, courage and open-mindedness towards innovation, are reflected in our day-to-day interaction and products, as well as the way we treat our business partners and customers.

Based on our proximity to Munich, we benefit from its international infrastructure. Especially noteworthy is also the diversity of cultural and regional resources: the magnificent castles and lakes, and of course the worldwide renowned and popular Oktoberfest.





Welding- and clamping table systems  
by Siegmund - a sophisticated and  
flexible modular construction system



# WELDING TABLES AND CLAMPING SYSTEMS

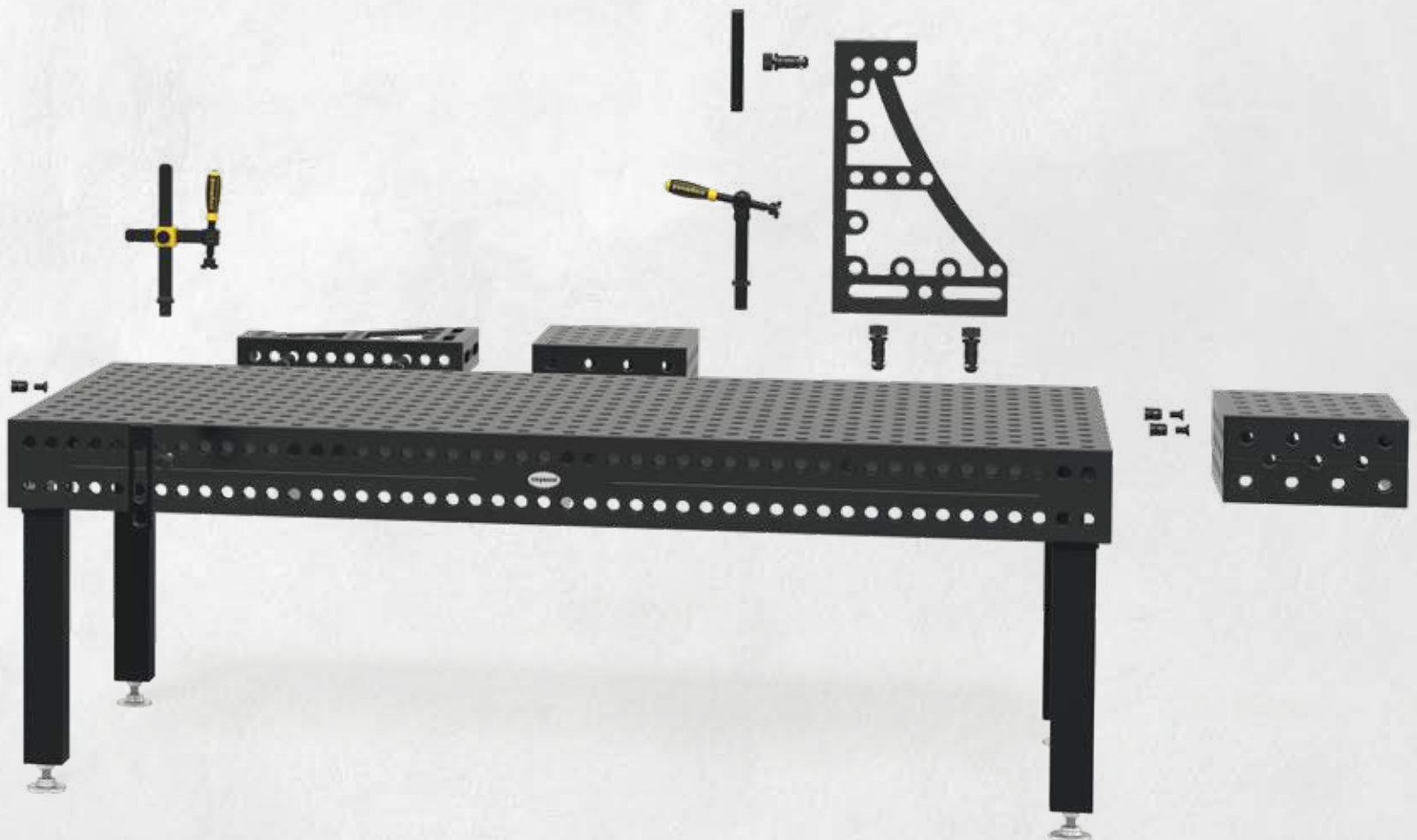
Supported by our welding- and clamping table systems you can accomplish the most complex and challenging applications immediately, since they are based on a sophisticated and flexible modular construction system. It consists of a combination of system boreholes and compatible clamping elements.

## Choose from around 10,000 table styles

Our welding- and clamping tables are available in three basic styles of boreholes - 16 mm (System 16), 22 mm (System 22) and 28 mm (System 28). Based on these basic versions, you can choose from a large selection of different measurements, table legs and materials.

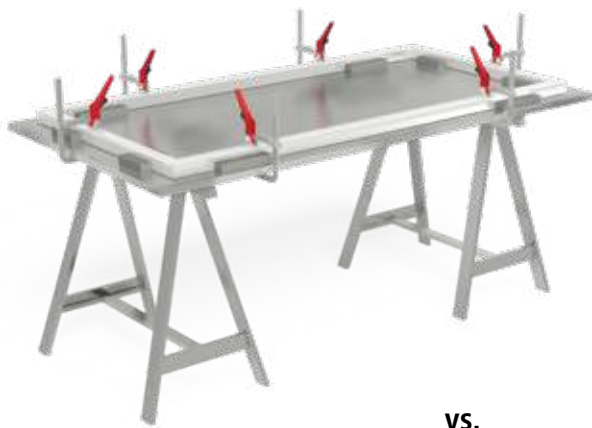
Consequently you can choose from our standard program, depending on individual wishes and work requirements. You can freely assemble around 10,000 table styles, without consideration of special sizes.

Since 2009 we improve our welding- and clamping tables as a standard feature by applying an environmentally friendly, thermo-chemical procedure, called plasma nitration. As a result the surface of the welding table is additionally protected from welding spatters, rust and scratching.

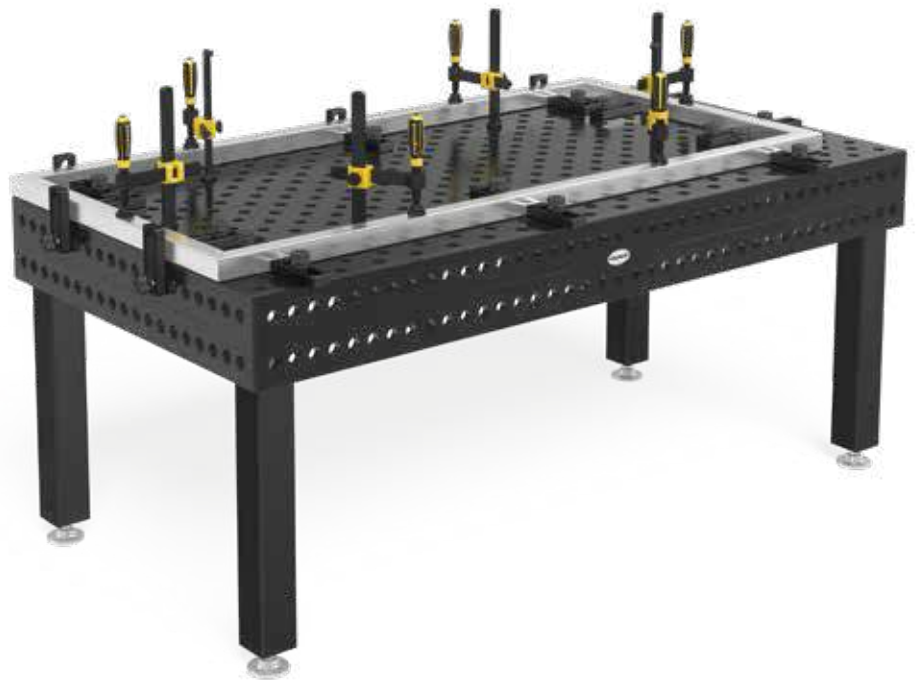


# The table that pays for itself! Save time and money with a table built by Siegmund.

Deciding for a Siegmund table will save you cash money! Thanks to the superior quality of our welding tables you receive a tool that helps you to work with significantly more precision and a lower error rate. Based on the modular construction system you can assemble a multitude of possible applications, reducing set-up time as well as saving storage space and costs.



VS.



## YOUR ADVANTAGE WITH A SIEGMUND WELDING AND CLAMPING TABLE:

- |  |   |  |
|--|---|--|
|  Short set-up time / Time efficient |  100% repeatability          |  High load capacity           |
|  Fast response to changes           |  Easy clamping in every spot |  Same basis for every project |
|  No welding distortion              |  Significantly less rework   |  Low error rate               |





## Calculate for yourself!

The table that pays for itself fast! Thanks to the savings potential (up to 40 % working time with substantially higher precision and reduced error rate), the table is profitable after just a short period of time.

### **SAMPLE CALCULATION:**

Hypothetical costs per metal worker/year  
incl. additional expenses:

£ 40,000

The savings potential is around 40 % during the  
production of prototypes with high down times.

£ 16,000

that equals

At a realistic life span of 10 years for a system  
table this equals a cost savings of:

£ 160,000



## Just for you – additional services

We don't "just" sell welding- and clamping tables, but also a "surrounding" package of services and accessories.

### YOU GET

- +

a wide range of clamping elements like squares, stops, bolts, screw clamps and much more, to create any kind of clamping device.
- +

individual and expert consultation, as well as suggested solutions for complicated and costly constructions.
- +

solutions to your individual clamping projects by CAD-data (SAT, DXF or STEP)
- +

custom-made design. From the planning stage to completion we assist you to master even the most difficult challenges, like the set-up of oversized work platforms and such.
- +

complimentary, professional training at our headquarters. You can see live demonstrations of application examples and set-ups.
- +

"real" application examples on the internet true to the motto: learn from others.
- +

3-D set-up examples to download from our homepage.
- +

special offers on [www.siegmund.com](http://www.siegmund.com)
- +

our complimentary flyers with special offers and news about our products. The flyer is published 5 times a year in 30 languages, with an edition of 180,000.
- +

communication, possibly even in your native language. In our company 10 languages are spoken. The current catalogue as well as our internet presentations are available in 30 languages.
- +

our QR-codes with direct access to our product- and company videos.
- +

the option to test our products worldwide at more than 40 trade fairs per year and to meet us in person.





## We accept responsibility

As a family business our main concern is taking responsibility for the welfare of our staff. By taking measures like creating an appropriate infrastructure, as well as a diverse selection of training opportunities, we are investing in the framework of our own success. Especially the consistent designation of trainee positions for young people is very dear to us.

Closely linked to climate- and environmental protection is the issue of energy. We have been making an active contribution by utilizing energy more efficiently within our facilities to reduce emissions. As a result we have decided to use a hardening process that is strictly based on the application of hydrogen, oxygen and nitrogen, the main ingredients of air and water. In addition our warehouses and buildings are heated by thermal discharge.

At our headquarters in Oberrotmarshausen we use one of the cleanest sources of energy altogether: the immeasurable energy of the sun. Our photovoltaic installation generates more energy than we consume. It is not just the climate and the environment that benefit from our commitment. When we pay attention to our energy footprint, we also have an economical advantage as well.







As of August 2018

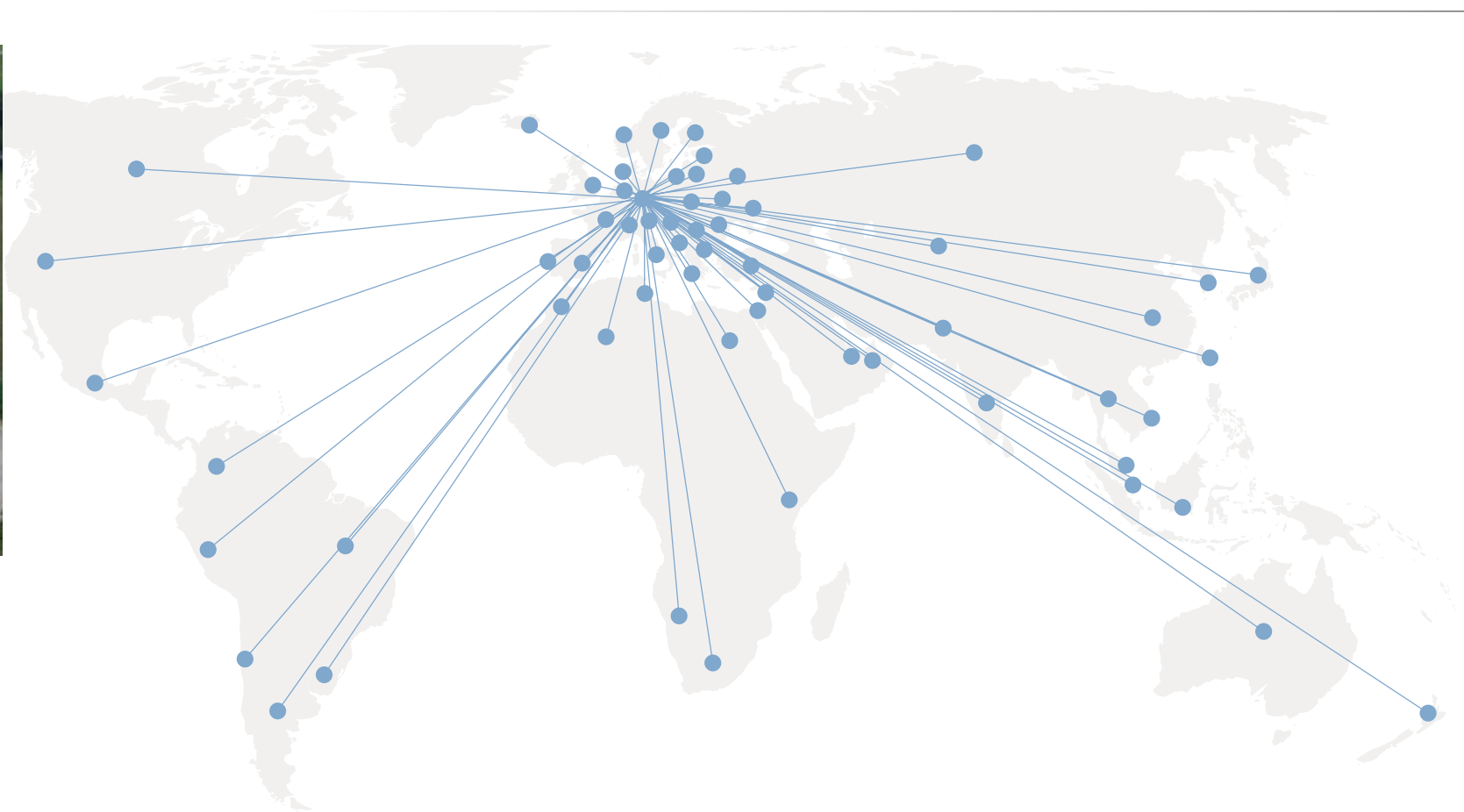
## Our aim: contemporary availability

### IN ADDITION TO OUR ALREADY EXISTING LOGISTICS AND PRODUCTION SITES, A NEW COMPANY LOCATION HAS BEEN BUILT IN OBEROTTMARSHAUSEN.

For many years, Bernd Siegmund GmbH has successfully produced and distributed welding and clamping systems worldwide. As the world's number 1 for these products we have more than 60.000 m<sup>2</sup> of available space for production and storage of our full range of products in our new facilities at Oberottmarshausen and Skawina.

At the new headquarters in Oberottmarshausen (about 5 km from Großbaitingen), a new company location with a storage area of 18.000 m<sup>2</sup> has been built. Having a massively increased storage capacity we are able to reduce delivery times worldwide and share our prestige location with other brands such as Amazon, BMW, Aldi and Lidl.





## We are a global supplier

### ONE FOUNDATION FOR OUR SUCCESS IS THE CLOSE CO-OPERATION WITH OUR DISTRIBUTORS.

In more than 50 countries, industrial plants and their operatives, depend on a daily basis the reliability of Siegmund products.

* Egypt	* Estonia	Kazakhstan	* Netherlands	* Serbia	Tunisia
Algeria	* Finland	* Croatia	Norway	* Singapore	* Turkey
* Australia	* France	* Latvia	* Austria	* Slovakia	* Ukraine
* Belgium	* Greece	Liechtenstein	Pakistan	* Slovenia	* Hungary
* Bosnia-Herzegovina	* India	* Lithuania	* Poland	* Spain	Uruguay
Brazil	Indonesia	Luxembourg	* Portugal	South Africa	* USA
* Bulgaria	Israel	* Malaysia	* Rumania	* South Korea	* United Arab Emirates
Chile	* Italy	Morocco	* Russia	* Taiwan	* United Kingdom
* China	* Japan	Mexico	* Sweden	* Thailand	* Belarus
* Denmark	* Canada	* New Zealand	Switzerland	* Czech Republic	

\* In these countries Siegmund exhibited at fairs in 2017/2018.





## Issues, trends, developments and good conversations

### TRADE SHOWS ARE EXTREMELY IMPORTANT TO US

Trade shows are a reflection of issues, trends and developments in the industry. Trade shows offer the opportunity to exchange experiences, ideas and know-how. Trade shows are the ideal platform to introduce ourselves and our products. Trade shows are a meeting point for good conversations and doing good business.

Convince yourself of the quality of our products and visit us on our exhibition booth.

We are looking forward to a personal meeting with you.



Check out the video from the exhibition welding and cutting 2017 and see our Bavarian lion!

[www.siegmond.com/Vschweissenundschneiden](http://www.siegmond.com/Vschweissenundschneiden)



You can find us at about 40 trade shows worldwide! Please find the trade show calendar at:

[www.siegmond.com/Vexhibition-info](http://www.siegmond.com/Vexhibition-info)







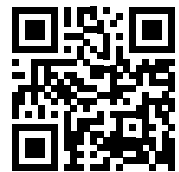
## 32 languages – always up-to-date with just one click

As a market leader for precision welding tables we have business ties in more than 50 countries. Therefore an international web-presence is absolutely necessary to us.

It is our aspiration to communicate in your national language. We are already presenting ourselves in 32 languages in this catalog as well as on the World Wide Web.

Visit our homepage to discover the full product range plus many application videos and special offers.

Items can be ordered with just one click 24 hours a day.



### YOU CAN WORK WITH WWW.SIEGMUND.COM

[www.siegmund.com](http://www.siegmund.com)

On [www.siegmund.com](http://www.siegmund.com) you receive information about our company and products, as well as a tool you can work with. Whether you need sales support or guidance, with just a few clicks you can find out how to precisely clamp and process your workpiece on Siegmund welding tables, assisted by our accessories like prisms, quick-release clamping bolts or squares.

Or watch how "others do it". A variety of companies from different industries demonstrate how they apply our welding- and clamping table systems.

Numerous videos about scope and operating range, our trade-show presentations, or the remarkable endurance test of our extremely hard welding table "Professional Extreme", give you a digital view into the world of Siegmund.

Please log in and take advantage of special offers and bargains only at [www.siegmund.com](http://www.siegmund.com)



# Innovative strength to secure your and our success

We are the global market leader in the welding table industry, and would like to continue our vision for the future to keep building the best welding table worldwide.

To accomplish this goal, it takes foremost innovative strength and determination. We are driven in this direction by our consistent effort, our sense of future developments in the industry, and the close communication with you. We are constantly prepared to further develop our products and services, to allow you to concentrate on your core competences to remain competitive and successful.

## SIEGMUND WORKSTATION

With the new Siegmund Workstation you create your perfect workplace in a modular system. The Siegmund Workstation can be adapted and expanded to fit your individual needs. Whether sawing, drilling or welding – the absolute all-rounder in every workshop!



## SUB TABLE BOX

Our recommendation for every Siegmund welding table: Create and organise more storage space with the Siegmund ST Box and always have your tools at hand.

## SIEGMUND PREMIUM LIGHT

For clamping your workpieces, we now offer lighter weight products that have less impact on the maximum load and are easier to handle.



## TABLE PRESS

The table press is used to straighten deformed steel products.

## FAST CLAMPING BOLT WITH HANDLE

With the Fast Clamping Bolt with handle, components can be clamped quickly and easily without any additional tools.



## SUPPORT HEIGHT ADJUSTABLE

The height adjustable Support with scale offers a solid support surface and can be used in all system bore holes.





*Thanks to the intelligent concept of the Siegmund Workstation all your tools are always within reach at your workplace. This creates an overview and order and offers you enough space for your accessories.*



In the category of  
„**Production Technology**“  
our workstation was  
awarded **BEST OF** the  
**INDUSTRIEPREIS 2018**.



Dimensions Workstation (L x W x H): 1200 x 800 x 850 mm  
Weight Workstation without castors or drawers: approx. 139 kg



## PERFORATED PLATE (1200 x 800 mm)

### MATERIALS

- Tool Steel
- Tool Steel + Plasma nitration
- Tool Steel Premium Light
- Tool Steel Premium Light + Plasma nitration
- Premium Steel S355J2+N
- Premium Steel S355J2+N + Plasma nitration
- Stainless Steel
- Stainless Steel Light



### DIRT PROTECTION

Two sheets below the table plate protect your tools from weld spatter and dirt. For cleaning, you can pull out both sheets like drawers.



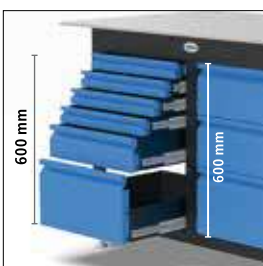
### LEGS

The combined leg and optional castor give mobility to the Siegmund Workstation. Base plates have fine adjustment to enable a precise work surface. (Caster optional)



### BEARING LOAD

The Siegmund workstation with base plate bears a total weight of approx. 1.000 kg. Please note when using the casters, the load capacity is reduced to approx. 400 kg.



### SUFFICIENT STORAGE

The Siegmund Workstation features defined storage for tooling and accessories that can be shelved for easy reach. You can custom, build or retrofit your workstation with drawers at various heights to increase storage capability. Here you will find space for any type of tool. Upgrading is possible at any time.

**600 mm space for drawers on the left and on the right side.**

**>>** *Create storage space below your welding table with the handy Sub Table Box by Siegmund.*



Dimensions ST Box (L x W x H): 630 x 510 x 420 mm  
Weight ST Box without drawers: approx. 36 kg

**>>** *Your tools always at hand*



**SYSTEM 28 BASIC**



**SYSTEM 22**



**SYSTEM 16**



**SYSTEM 28**



**SYSTEM 16 BASIC**





### ORGANISATION AND STORAGE SPACE

Create and organise more storage space with the Siegmund ST Box and always have your tools at hand.

360 mm space for drawers



### LOAD CAPACITY

The ST Box has a total maximum load capacity of approx. 100 kg. Each drawer carries a maximum load of approx. 50 kg.



### WELL PROTECTED

The totally enclosed design protects the drawer contents from dirt and weld spatters.



### MOUNTING

Regardless of table size and ribbing, the ST Box can be attached to every Siegmund welding table.



### INSTALLATION

Self assembly instructions are provided and you can easily attach the assembled ST Box to your welding table.



*Thanks to the much harder but thinner material in Siegmund Premium Light, you can save up to 40% of weight compared to conventionally used material.*



## THE NEW PREMIUM LIGHT SERIES

For clamping your workpieces, we now offer lighter weight products that have less impact on the maximum load and are easier to handle.

Despite the thinner material thickness there is no loss of quality! We have developed a Light version of our proven special alloy Professional Extreme X8.7, which is used here. This will give you all the benefits of Professional Extreme 8.7.

Due to their low weight you can work more efficiently, especially when used in combination with positioners or robotic cells.



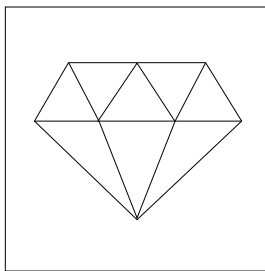
## CHARACTERISTICS

Hardened tool steel X8.7,  
plasma nitrided and BAR-coated  
Basic hardness approx. 280 – 340 Vickers  
Surface hardness approx. 450 – 850 Vickers

Borehole Ø 28 mm  
100x100 mm grid  
Material thickness 15 mm

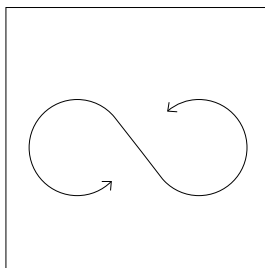
## IMPACT-PROOF

High impact resistance due to through  
hardened tool steel.



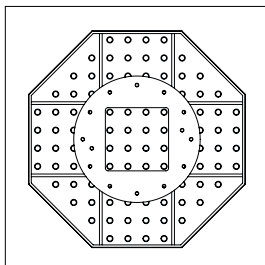
## SCRATCH-PROOF & CORROSION PROTECTION

The plasma nitriding and subsequent BAR-coating protect  
against scratches, corrosion and welding spatter.



## LIFE SPAN

Improved durability due to our special alloy  
Professional Extreme X8.7.



## ADAPTER PLATE OCTAGONAL TABLES

Special adaptor plates are available on request. Due to customisation  
weights will vary and surcharges will apply. Foot plates or adapter plates  
are not included as standard in the octagonal tables.





*With the Fast Clamping Bolt with handle, components can be clamped quickly and easily without any additional tools.*





### VARIABLE CLAMPING STROKE


The clamping stroke can be regulated with the adjusting nut in the range from 33 to 60 mm.

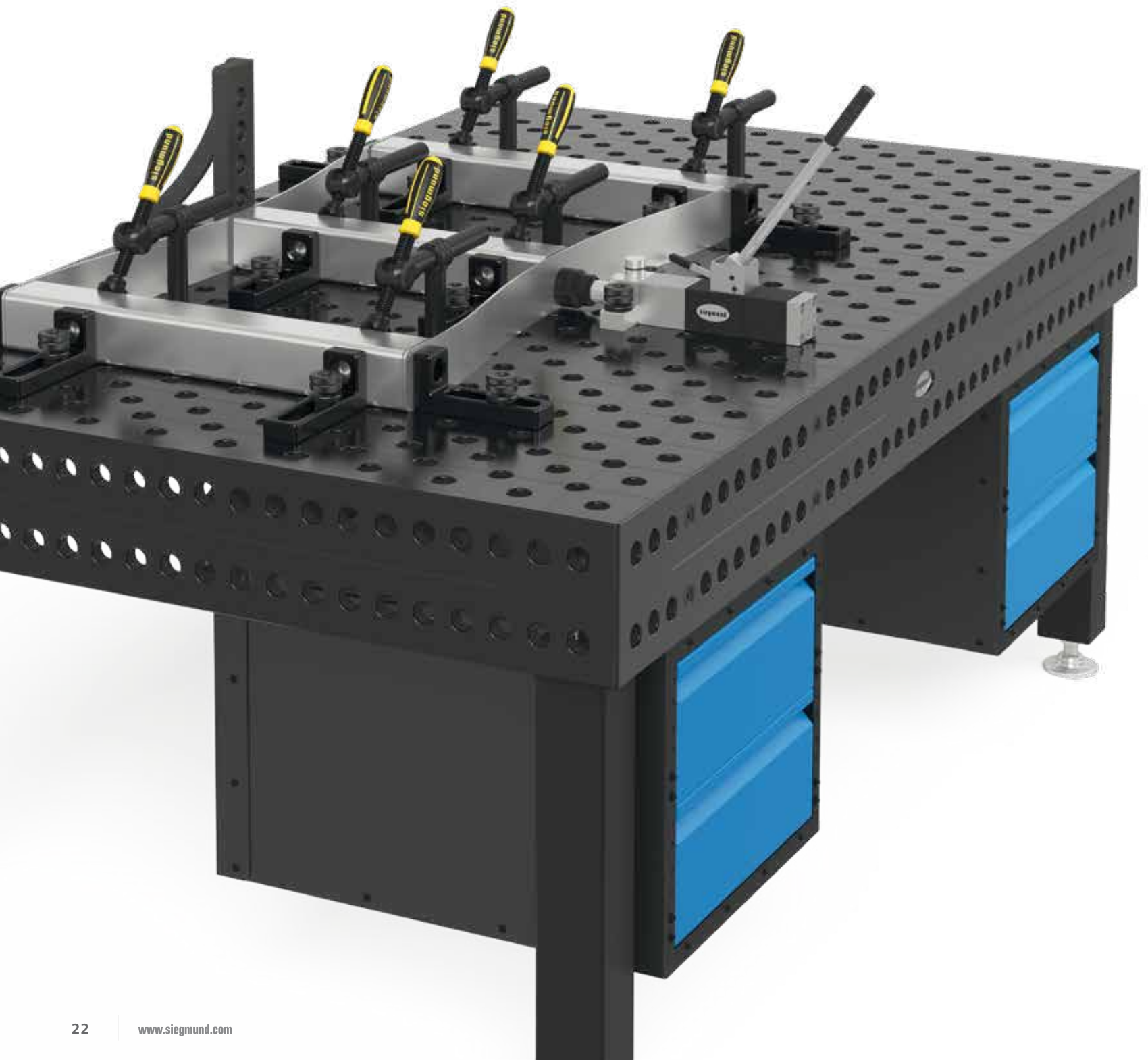


### CUSTOMIZED

Ideal for use with custom-built components.



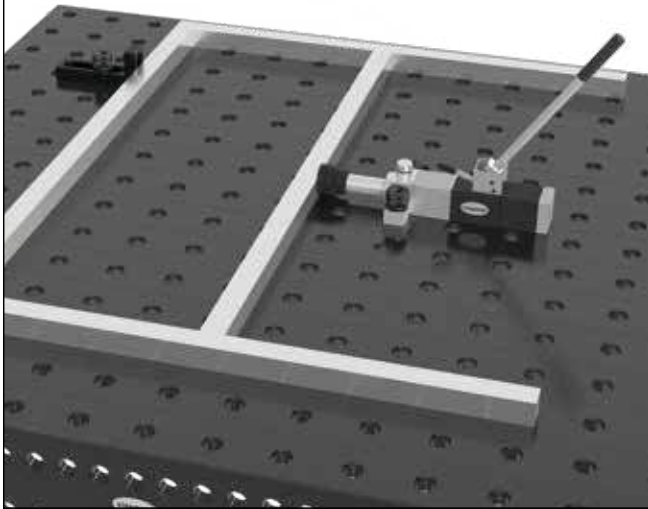
 *Straighten deformed steel products or remove unwanted unevenness or tension in the material effortlessly with Siegmund's new table press.*





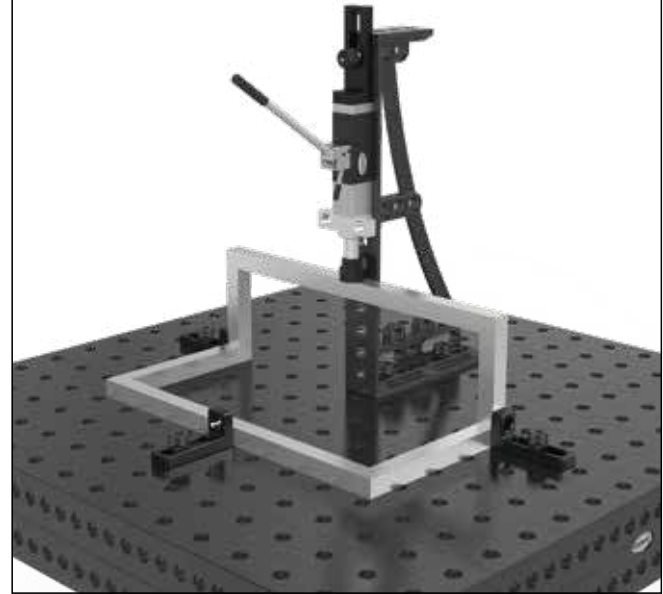
## HIGH PRESSING FORCE

Pressing force 2.5 tons with an operating force of approx. 330 N.



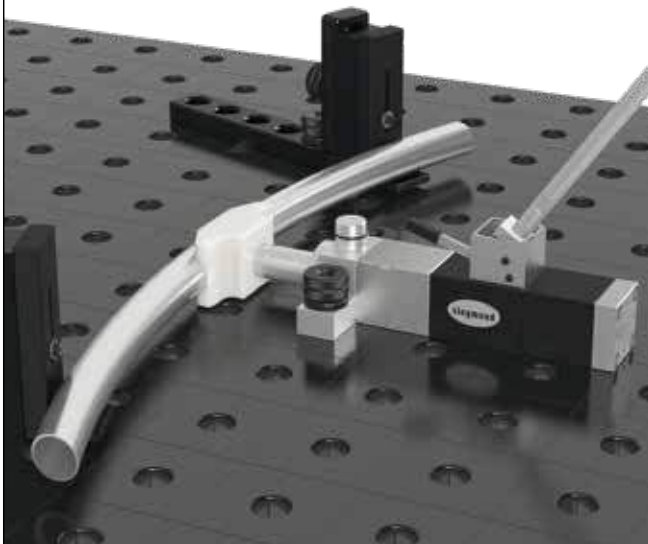
## WORKING IN VERTICAL POSITION

With the help of the integrated bolt, the table press can be attached to the square and additionally fixed with a stop from above.



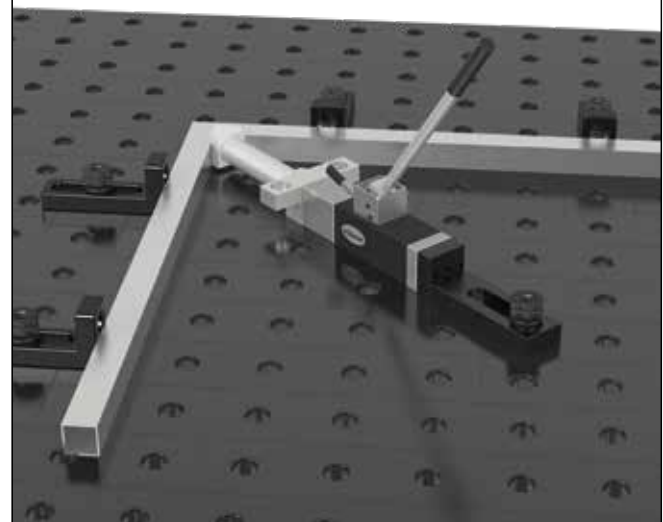
## BENDING PIPES

With a Pipe Bending Plug, pipes up to Ø 45 mm can be bent or straightened. Proper handling and several bending processes will lead to a clean result without any marks.



## WORKING IN CORNERS

Corners can be pressed with an aluminum tip without damaging the inner weldseam.



To simplify your everyday work processes,  
we are working on new accessories every day.

### NITRATION

many clamping devices are now also  
available nitrided

### RADIUSES

on Stops and Squares

### OPTIMIZED

small adjustments for more stability

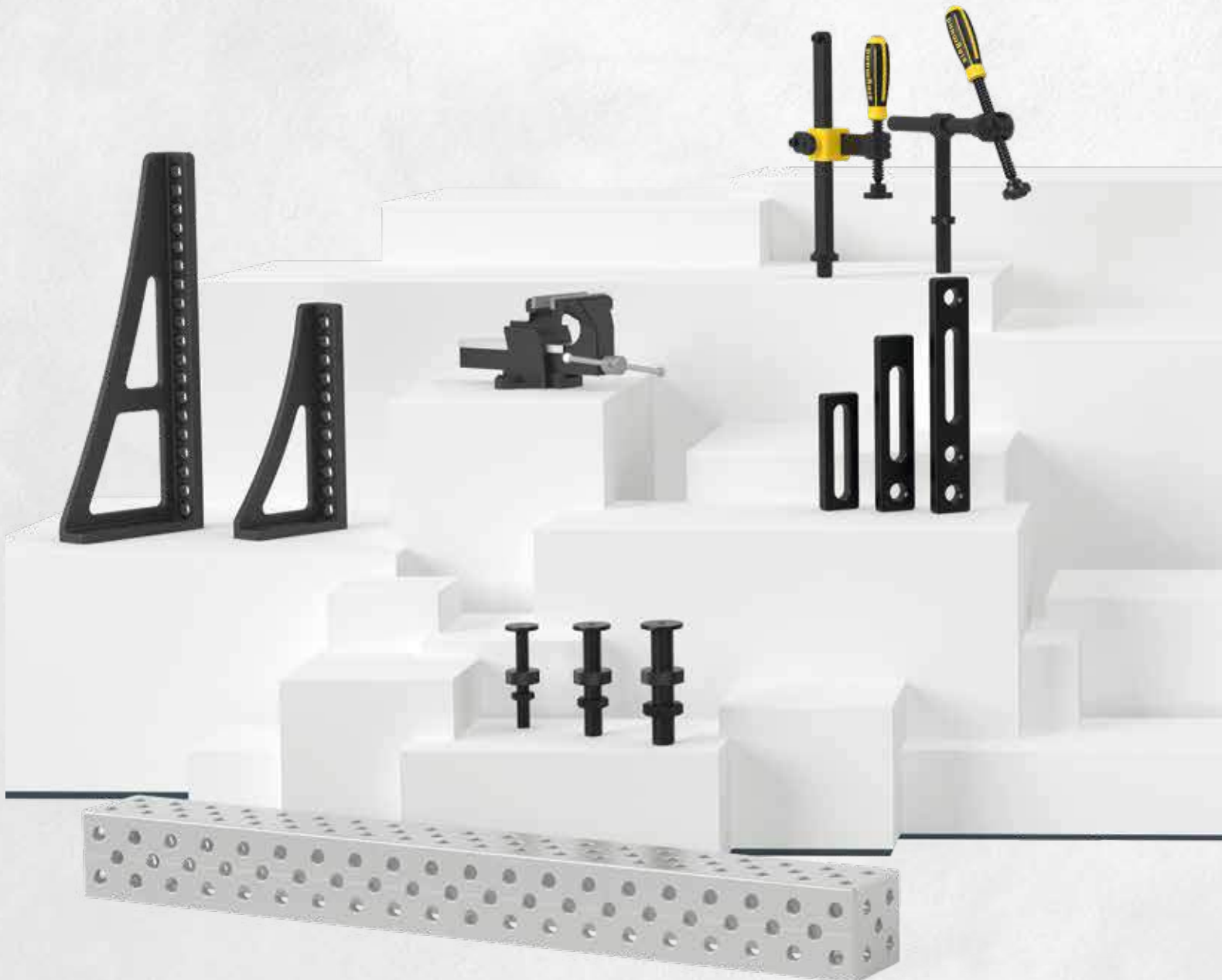


Illustration shows a selection of updated products.

## SYSTEM 22

many new clamping tools

## CONNECTING ELEMENTS

cross-system clamping

## ALUMINUM-TITANIUM

Aluminum-Titanium U-Square for new clamping options





Top functionality combined with advanced design are distinguishing Siegmund products.

All the awards we have received in the past at international design competitions are a recognition and incentive at the same time, to continue on this creative and innovative path with enthusiasm. We invite you to join us!





2012

reddot design award

Rewarded products:

Fast Clamping Bolt  
T-Slot Table  
Stop and Clamping Square 800 Aluminum-Titanium  
Stop and Clamping Square 1200 Aluminum-Titanium



2013

International Design Excellence Awards

Rewarded products:

Professional Extreme  
Stop and Clamping Square 800 Aluminum-Titanium



2013

iF product design award

Rewarded products:

Universal Bolt  
Stop and Clamping Square 600 GK Plasma nitrided  
Stop and Clamping Square 800 GK Plasma nitrided



2013

reddot design award

Rewarded products:

Professional Extreme



2014

German Design Award Special Mention

Rewarded products:

Fast Clamping Bolt



2018

Industriepreis „BEST OF“

Rewarded products:

Siegmund Workstation

# Tooling and Accessories for every project

We offer a complete and perfectly balanced range of products for every application. Due to a sophisticated modular system with a large variety of compatible clamping system accessories, it is possible to quickly realise complex and combined applications.

## SIEGMUND IN ACTION

Regardless of whether it is a small workshop or a well-known industrial plant, prototype construction or mass production, with or without robotics:

Our welding and clamping table systems are used in a multitude of industries!







**100%**  
PERFORMANCE.  
EVERY DAY.





**JORDI SCHLOSSEREI, AARBURG (CH)**

Since 1995, Jordi Schlosserei-Metallbau AG has been creating, planning and designing various elements needed for home construction. To accomplish this, metal is combined and processed with other materials. The Siegmond welding table offers an excellent basis for these various fields of activity.

In our practical example you will see the production of a balcony for an apartment house. In order to be able to work as fast and effective as possible, the individual components of the railing are fastened on the welding table with stops and clamps and welded together.







### T. T. ROZSDAMENTES, BUDAPEST (HU)

Founded in 1996, the company T. T. Rozsdamentes, based in Hungary, produces equipment for industrial kitchens and hospitals as well as parts for the automotive industry, such as a logo for the sales shops of a well-known car brand.

Before T. T. Rozsdamentes worked with Professional Extreme welding tables, the production of the logos took much longer, since the metal often was bent due to the accruing heat during the welding process and required time-consuming rework. The Siegmund welding table prevents bending during the welding process and ensures a high quality and refined end product.







## NORTON MOTORCYCLES, DERBY (UK)

Norton Motorcycles, based in the United Kingdom, draws on more than 100 years of experience in the field of motorcycle engineering and impresses the professional racing scene as well as ambitious hobby riders with its unique design. Every task, from research and development to the manufacturing, construction, testing and shipping of motorcycles is performed at the Norton Hastings House plant.

To ensure the high quality and stability of the motorcycle frame, Norton works with Professional Extreme welding tables manufactured by Siegmund. The pictures show how parts of the frame can be fixed on the welding table and welded precisely by using clamps and squares of different heights.





### SCHLOSSEREI MOOSBRUGGER GMBH, AU (AT)

The metalworking shop Moosbrugger GmbH, a family run company since 1995, manufactures a variety of assemblies for steel and crane construction as well as various locksmith work. Moosbrugger GmbH relies on the flexibility and high quality of Siegmund welding tables for these numerous projects.

In this practical example, you see the production of a raised garden bed. In this project, special emphasis is placed on the durability of the materials used and the accuracy of production. The Siegmund welding table provides the perfect working basis for these requirements. By using high squares, the individual parts can be mounted quickly and flexibly on the Professional Extreme welding table and welded with great accuracy.







## W. NUSSER GMBH, SCHWABMUENCHEN (DE)

Shown is the tacking of a substructure framework for a metal housing.  
After completion it serves in the food industry.

It is plain to see, that the surface texture of the Siegmund plasma-nitrided table still prevents the adherence of welding spatters, even after many years of service.







### SIEMENS AG, MUENCHEN (DE)

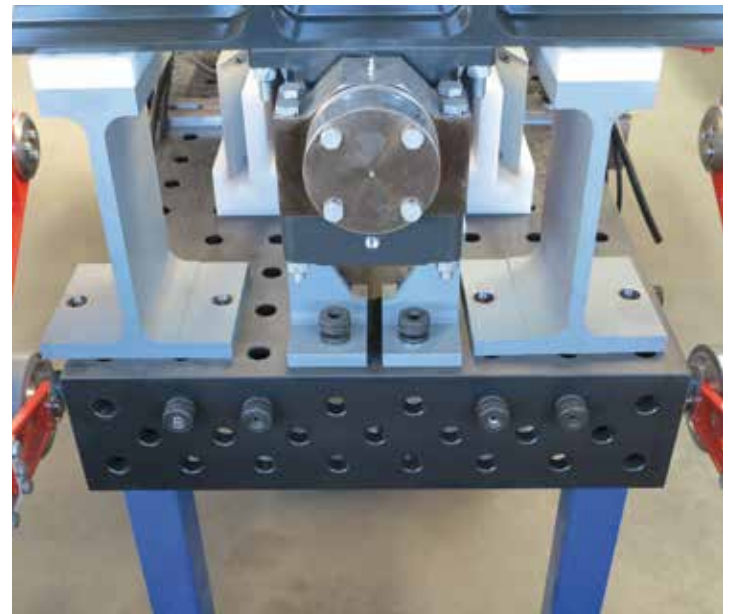
A locomotive runs through several workstations during the production process at the Munich plant.

In this workstation the shell of the base frame is clamped, and additional components are tacked and welded. The floor panel installation also takes place here, due to the specifically developed rotation mechanism.

The 18 meters long base frame has a total weight of approx. 10 tons.







## MAURER SOEHNE GMBH & CO. KG, MUENCHEN (DE)

A 80x20 m factory hall was completely constructed with Siegmund support- and foundation rails. Due to the extremely high workloads, the boreholes were reinforced with annealed bushings. Installation was carried out by Siegmund supported by state-of-the-art 3D laser technology.

By using a specific platform system consisting of single elements, manufacturing equipment can be connected with the rail system. Platform components as well as Siegmund tables, can be randomly positioned and clamped, creating maximum flexibility.

Illustrations are demonstrating how rollercoaster carts are assembled and adjusted on Siegmund tables, using templates provided by customer. Due to high manufacturing precision, maximum safety of fairground rides can be guaranteed.



## NOBISKRUG GMBH, RENDSBURG (DE)

Working on six Sigmund tables, boatyards need up to 5,600 m of piping to build a single luxury yacht.

Precise installation of the pipe systems requires minimum production tolerance.



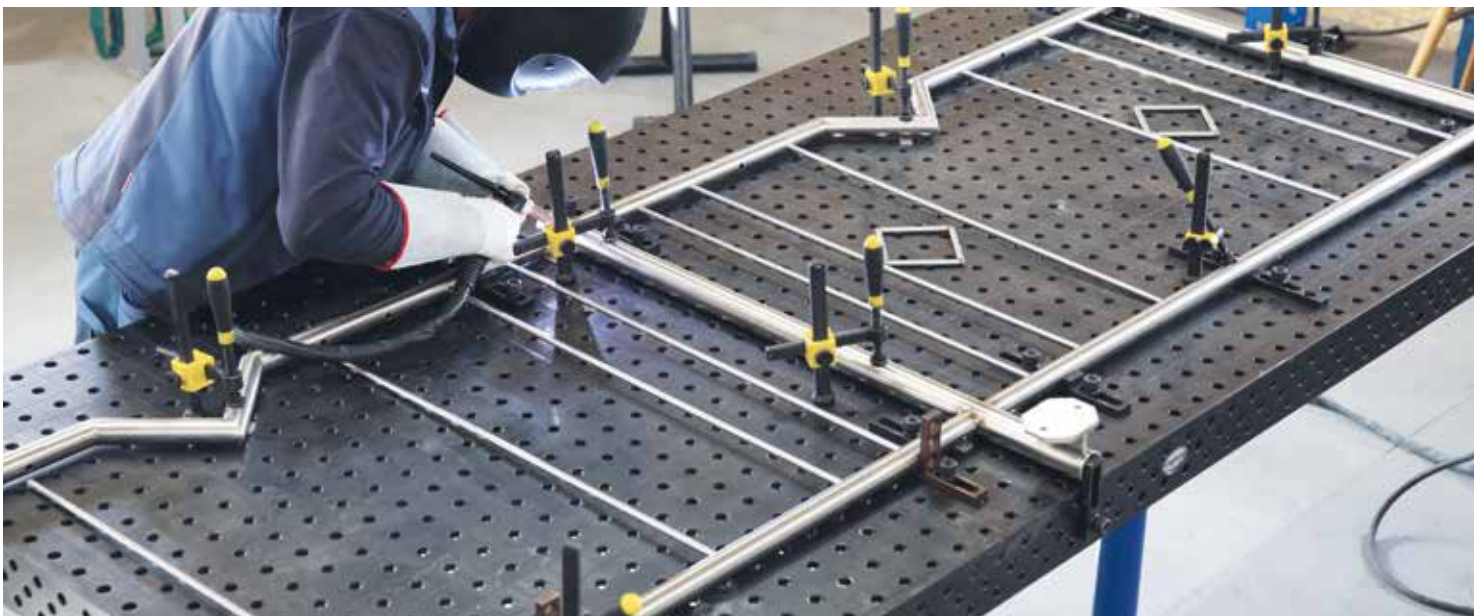




## JUERGEN HACKINGER, WALDKIRCHEN (DE)

Illustration shows production of a stainless steel balcony rail for a single family home with a length of 11 m.

The basic equipment of the newly furnished workshop consists of Siegmund tables and tool-sets.







### MATTHAEUS SCHMID, BALTRINGEN (DE)

Minimum production tolerances and maximum load capacity of Siegmund support- and foundation rails, combined with tables on connecting frames, enable the accurate to the millimeter construction of a 53 m long skywalk, weighing 70 tons.







## HERZ ENERGIETECHNIK GMBH, PINKAFELD (AT)

You can see the production of a wood gasifier boiler for logs and wood briquets. The boiler is built on a Siegmund table with shortened table legs, since most of the welding work during the production process takes place in the upper part of the workpiece.

To be able to work effectively and quickly, cast iron squares matched to the size of the boiler, are clamped on the table. Assisted by magnetic clamping bolts the exterior sheeting of the boiler is clamped within seconds, and can be tacked together after just a few hand grips.

The dimensions of a boiler are 1,400 x 600 x 1,400 mm, weighing 515 kg.







### MAN, POLAND (PL)

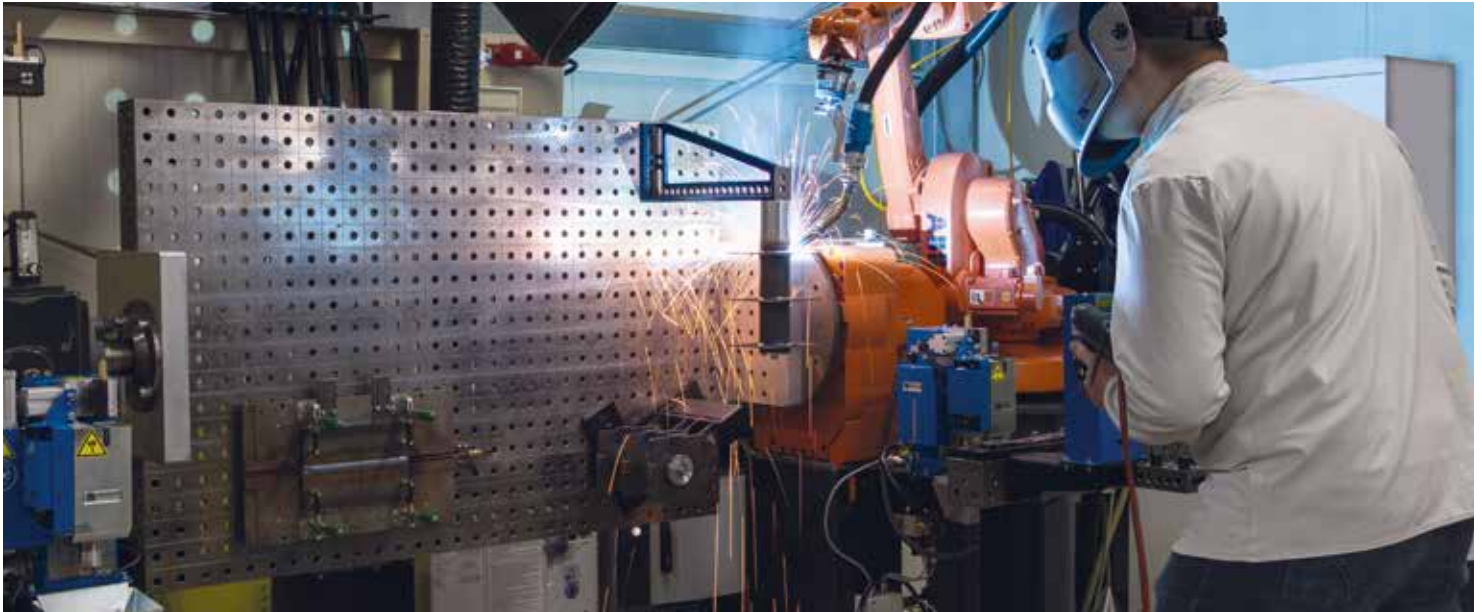
In Starachowice prototypes and "mock-ups" of busses are constructed and then shipped to Munich for stress tests. After successfully completing the testing phase, they can go into production.

To meet constantly changing demands, two different systems were installed. One system consists of a Siegmund support- and foundation rail above-floor, serving as a base for a setup of table tops and U-squares. The second system is a combination of a Siegmund round rail and a Siegmund support- and foundation rail, with four movable Siegmund tables on top.

Illustrations show production of a "mock-up" in the pre-installed device. It is equipped with a new generation of bus doors. They are manufactured on the second system.



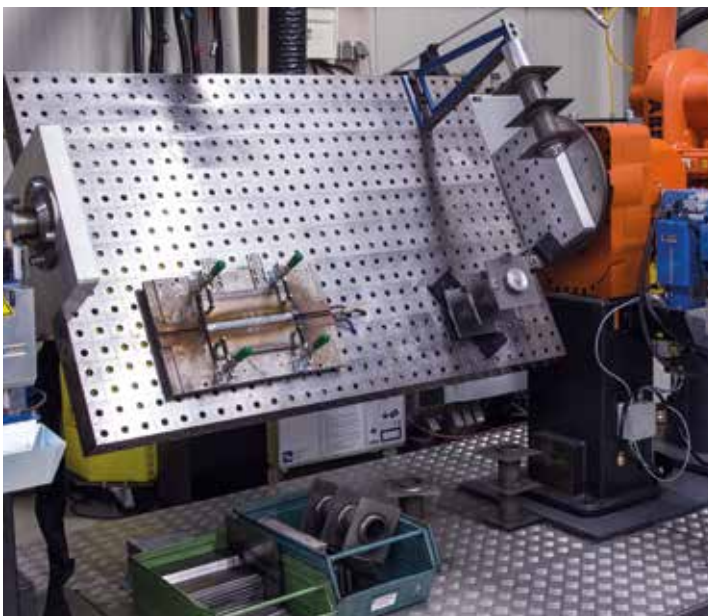
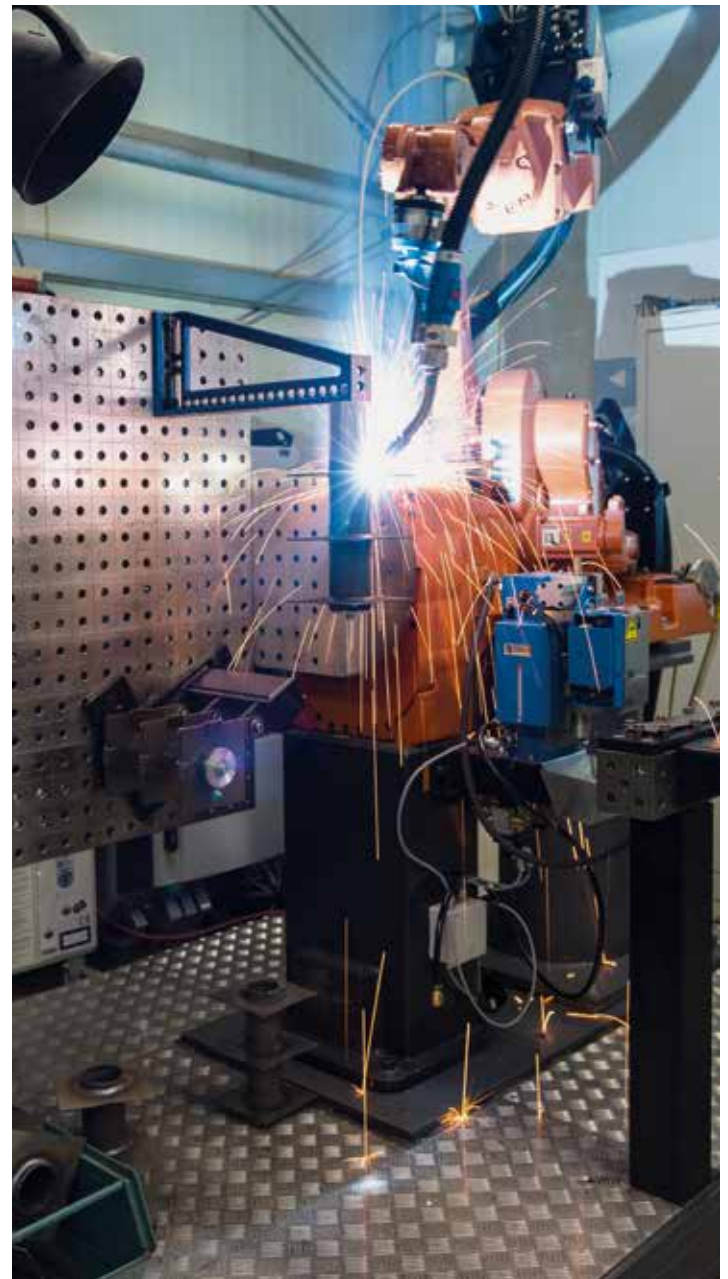




## TBI INDUSTRIES GMBH, FERNWALD-STEINBACH (DE)

TBi Industries GmbH is a German quality manufacturer of welding equipment specializing in the development and production of welding torches. A special focus is on the welding burner technology and cleaning equipment for robot welding. At the in-house application and technology center, Siegmund welding tables are used for test welding.

On the pictures you can see a test run with a welding robot. The table top was attached to a manipulator using an adapter plate and offers thanks to the precise surface even in an inclined position exact working surface for welding work.







### RICHTER LIGHTING TECHNOLOGIES, HEUBACH (DE)

Richter Lighting Technologies GmbH has been an experienced developer and manufacturer of lighting and architectural concepts since 1994. It is especially important for Richter to deliver efficient, professional as well as cost-effective and easy-to-use products to their customers.

In this practical example, you can see the installation of a special luminaire and an acoustic panel. Electrically conductive graphite brushes (self-made) are fastened on the Siegmund welding table. They are especially made for the purpose of preventing an electrostatic charge during production. Additionally the brushes allow easy movement of the individual parts and prevent damage to the acrylic glass and profiles. The parallel hole pattern of the Siegmund welding table guarantees an uniform arrangement of the brushes.







## MARKTHALER GMBH & CO. KG, KAUFBEUREN (DE)

Illustrations show production of a special container, serving as a collection tank for bore fluids. It is used in civil engineering to drill holes for foundation posts. The accumulated bore fluid is collected in it and cleaned. To stabilize the borehole, the bore fluid is pumped back afterward.

By using Siegmund tables no templates or devices have to be produced, reducing low volume production time by 20–25%.

The container weighs 6.4 tons and is 10 m wide, approx. 2.5 m deep and 2.5 m high.





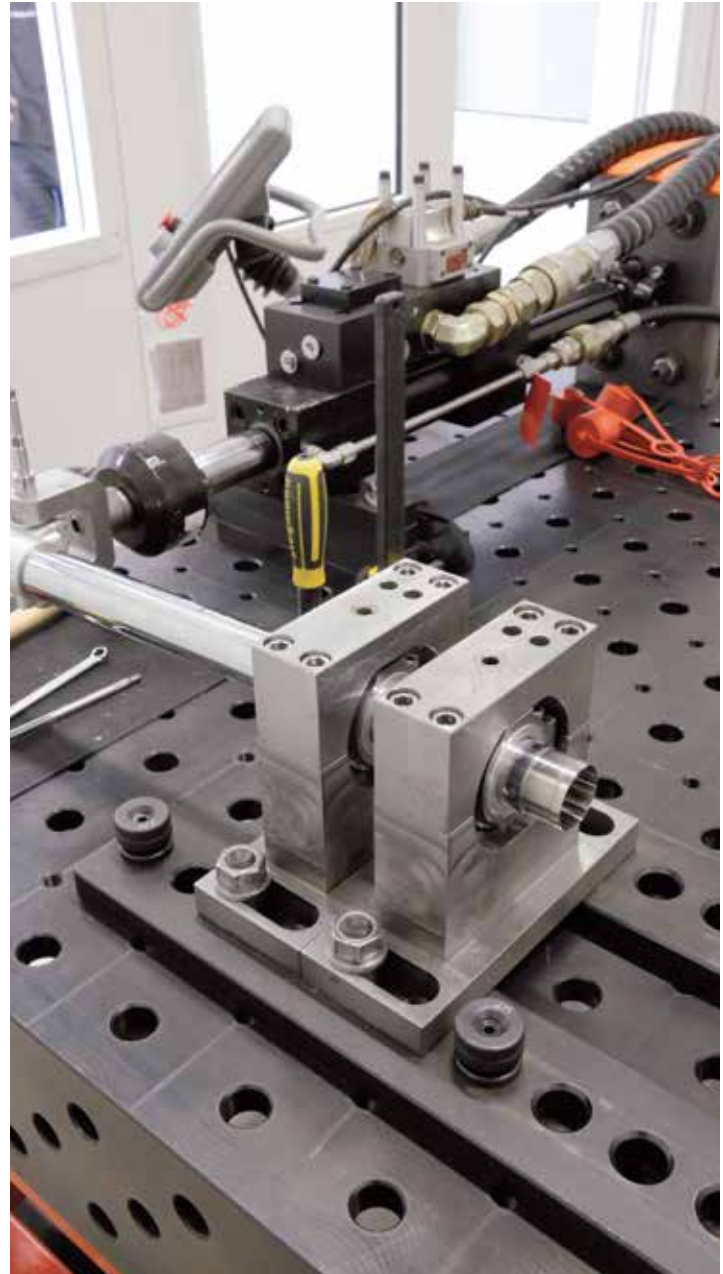


### WP PERFORMANCE SYSTEMS GMBH, MUNDERFING (AT)

Their in-house test center conducts static and dynamic component testing.

Depending on material and stress situation the test duration is between 3 and 80 hours per test object.

Illustrations show quality control of telescopic steer tubes.





## "STACKER" COMPANY, MOSCOW (RU)

"Stacker" produces a full line of portable and stationary conveyors and also carries out projects of loading and unloading terminals and ports. The most modern equipment enables a high production capacity and products of the highest quality. The Stacker company is the only producer of world-class telescopic conveyors in Russia.







## SEMET MASCHINENBAU GMBH & CO. KG, BRACKENHEIM (DE)

Illustration shows a telescopic slider for truck manufacturing being checked for sag and compliance with tolerances.

Aided by the rail system and the U-squares the crane stops are readjusted. The stops serve later on as fixtures for the telescopic slider. The entire manufacturing up to the final inspection takes place on Sigmund products.

A telescopic slider is 8 m long, weighs approx. 2 tons and has a bearing load of approx. 1.5 tons.







## ETA HEIZTECHNIK GMBH, HOFKIRCHEN (AT)

An agitator head for a wood chip warehouse is built on a Siegmund table.

The production time per piece is approx. 1,5 hours. The finished workpiece has a diameter of 6 meters.







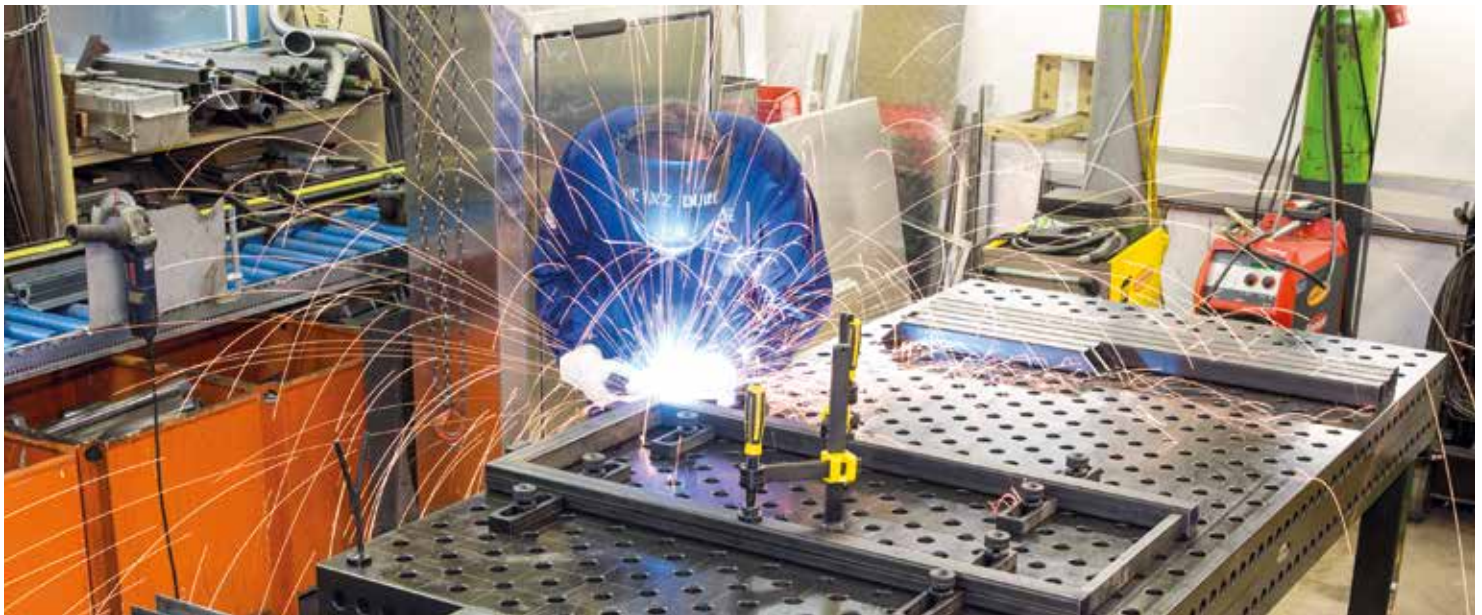
## VOITH TURBO, KIEL (DE)

Illustrations show production of diesel-hydraulic locomotives.

Plasma-nitrided tables are low-maintenance, thereby facilitating speedy retrofitting. Siegmund functional clamping devices also enable quick processing of low volume production.





**HEINZ DUWE, MASTER LOCKSMITH, GOETZIS (AT)**

Since 2008, the one-man operation of Heinz Duwe is specialized in the production of small parts and small series of various steels and metals. In his workshop locksmith and welding master Duwe has been relying on the quality of Siegmund for many years. Due to the flexible welding and clamping table system the table can be adapted to different requirements with just a few steps and easily converted or extended anytime with squares.

You see the production of a shelf construction as well as a custom-built model of an additional luggage compartment for a pick-up.







## AGRIKON KAM KFT, KISKUNMAJSA (HU)

Since 1993 Agrikon Kam Kft. manufactures driver's cabins for construction machinery, tractors and automotive utility vehicles. For welding the individual components of a cabin together, Agrikon Kam Kft. counts on the quality and reliability of Siegmund welding and clamping tables.

In this series of pictures you can see the assembly of templates for the production of crane cabins. The fine adjustable clamps and squares allow a precise clamping and welding of the templates without bending. In case of necessary altering of the template, a changeover of the setting would be possible within a short time, thanks to the flexibly applicable accessories.







## STERN EDELSTAHL, GEIERSTHAL (DE)

The company "Stern Edelstahl GmbH", based in Germany, draws on the experience of many generations and offers a competent service in the areas of pipeline construction, plant construction, water and sewage technology as well as sheet metal processing. In order to consistently offer their customers the highest quality and reliability, Stern Edelstahl manufactures its products on Siegmund welding tables and the new Siegmund Workstation.

We had the chance to see first-hand, how sheet metal assemblies and pipe parts were produced on Professional Extreme welding tables. Thanks to the short tool changeover time and high precision, "Stern Edelstahl" is able to produce competitively on Siegmund welding tables and offer their customers high quality products.







## METAL CONSTRUCTION BOEHM GMBH, EICHSTAETT (DE)

Here you can see how an emergency stairway for the cafeteria of a middle school is built on top of several interconnected Siegmund tables.

The tub-shaped construction weighs approx. 4 tons, and it is welded together from 15 mm steel sheet parts. The stairway is 10 m long, 1.35 m wide and 1.60 m high.







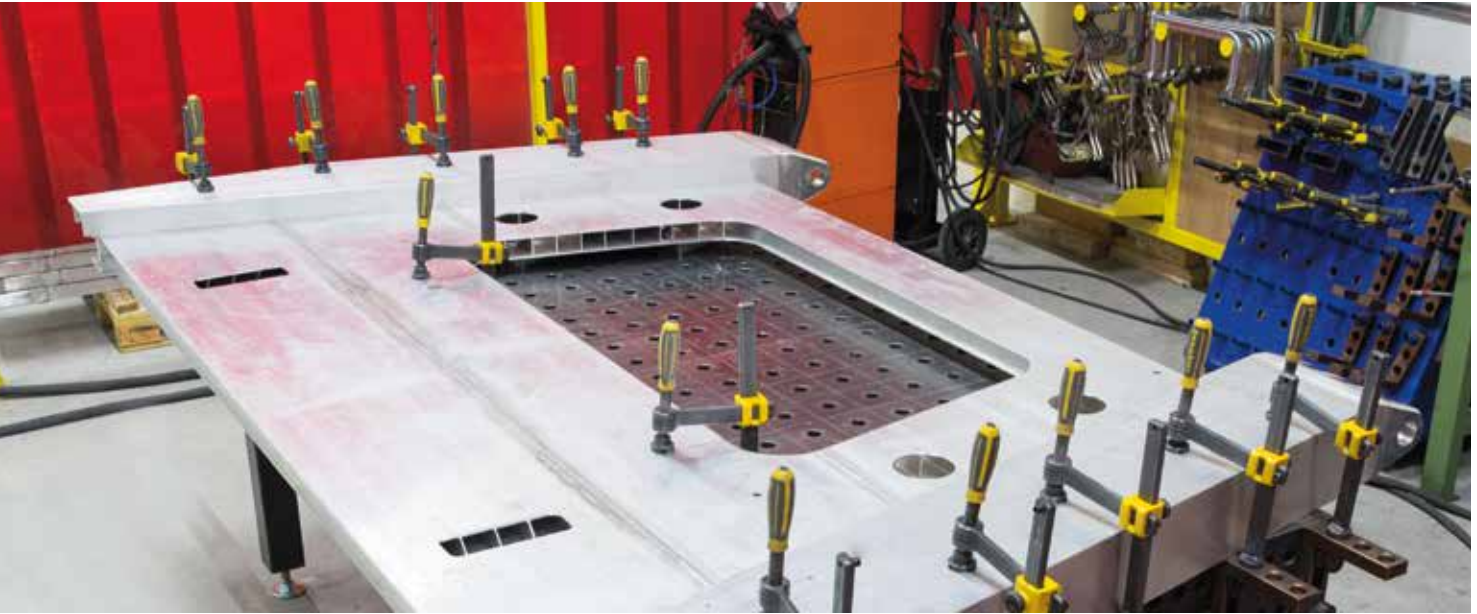
## GROB-WERKE GMBH & CO. KG, MINDELHEIM (DE)

Facilitated by Siegmund tables, individual customer requirements to build complex machines, are fulfilled.

The sophisticated Siegmund system facilitates quick and flexible retrofitting of clamping devices, presenting a time-saving solution for low volume production or custom design.







### STADLER BUSSNANG AG, BUSSNANG (CH)

A canopy and crash modules for a railcar are manufactured. They are made of aluminum, as well as other individual parts, and fabricated on Siegmund tables. Afterwards the components are assembled and welded together to create a railcar.





## GREUB, LOTZWIL (CH)

Illustrations are showing the production of custom-made glass fronts for fireplaces. The precise surface texture of Siegmund tables combined with their flexible accessories, increase the productivity of piece production by 20–30%.







### BHDT GMBH, HOENIGSBERG (AT)

Siegmund tables facilitate the pre-fabrication of isometric lines. Due to the high precision of the tables, intermediate and final measurements can be constantly performed. This does not only result in a savings potential of direct work e.g. assembly, it also reduces rework.







### KUHN-GELDROP BV, GELDROP (NL)

Kuhn-Geldrop BV has been part of the international KUHN Group since February 2009, which sells agricultural machinery and vehicles. The location in Geldrop is responsible for the development and production of baling presses and bale winding machines.

In our practical example you see the production of a part for a hay press. In order to get the largest possible work surface, two Siegmund welding tables were connected, facilitating smooth and precise clamping and welding of long components.





### KALFÉM, HUNGARY (HU)

Since 1993 Kalfém manufactures individual solutions for shelf and cupboard systems in Hungary. Customers are, besides well-known gas stations, smaller companies and private individuals.

On the photos you can see the production of a tool cabinet frame. All production steps are carried out on a Siegmund welding table. Thanks to the short set-up times and high accuracy Kalfém is able to manufacture competitively while offering the highest quality to their customers.



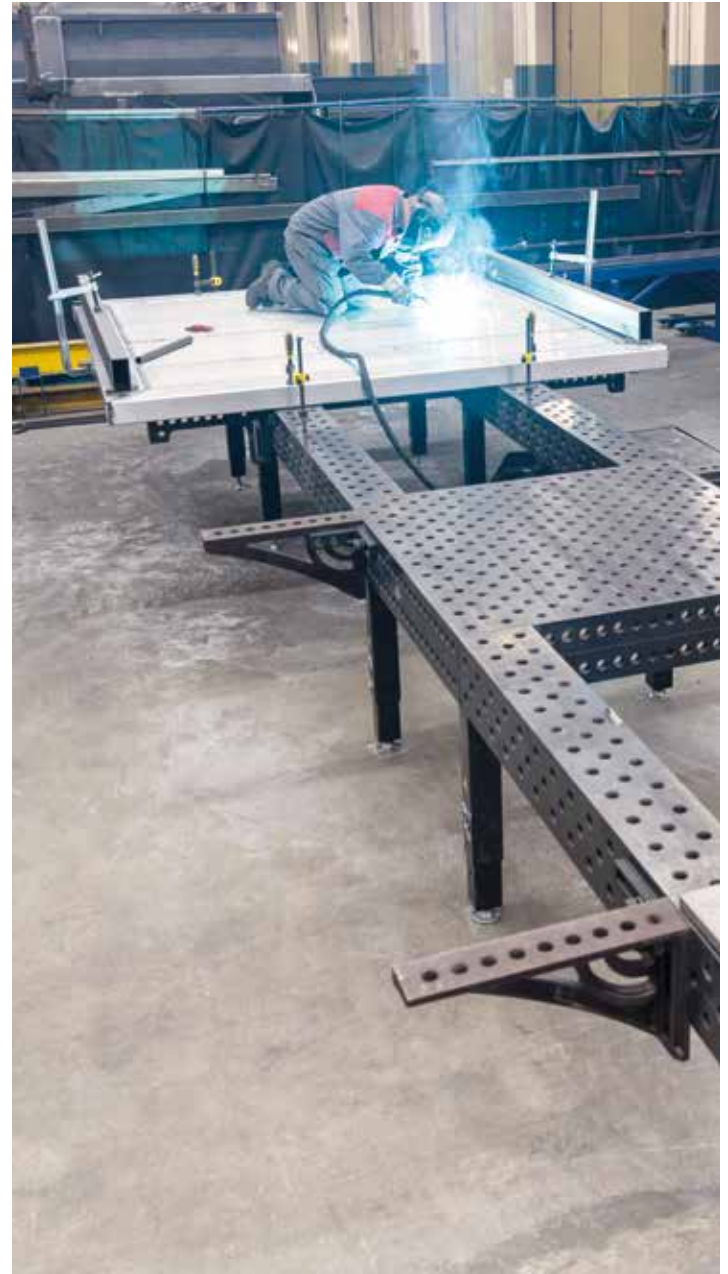




## KRAMPE VEHICLE CONSTRUCTION, COESFELD (DE)

As the German market leader for agricultural tippers, Krampe has been building trailers for over thirty years in Coesfeld, Westphalia. Krampe is specialized in the development and construction of tailor-made transport solutions for agriculture and forestry, the construction industry, waste management companies as well as municipalities.

In the pictures you can see the manufacturing of an aluminum tailgate for a semitrailer roll-belt wagon with a shield for unloading. The components are tacked and welded on Professional Extreme 8.7 Welding Tables.





### MA METAL CONSTRUCTION, DIEBURG (DE)

From stairs, carports and patio enclosures, up to special constructions – the wide product range of MA Metal Construction in Dieburg, Germany, requires solid, reliable and precise work material.

We got the chance to see how a conveyor system for meat products was constructed on a Professional Extreme 8.7 welding table. Just the welding work took about 35 hours.







## SCITEEX, WARSAW (PL)

Freely expandable - More work surface, more flexibility.

If you have large components requiring seamless and flat clamping, platform systems assembled with sheets or tables are an obvious solution already realized by many customers.

The quantity of follow-up orders for these systems reveal how well these solutions work in the field. Your great benefit in the end is to produce large components accurately and quickly.







### METAL CONSTRUCTION KUENZLE, WEINFELDEN (CH)

As an expert metal construction company Kuenzle Metallbau AG is manufacturing various products around building for architects, building contractors and private individuals. Perfect planning and optimally equipped workspaces provide the basis for high flexibility and accuracy. With craftsmanship high quality products are being produced on Siegmund welding tables.

Our example shows the production of a balcony rail with profile for a glass wall. To work as efficiently and quickly as possible, stops and angles are fastened as a mounting frame on a Professional Extreme welding table matching to the size of the railing. Thus, the individual parts can be clamped and welded together by a few simple steps in a matter of seconds.







## GETZNER TEXTIL AG, BLUDENZ (AT)

Getzner Textil, founded in 1818, is the leading manufacturer of high-quality African apparel damasks and is among the leading providers of fashion fabrics for shirts. Corporate fashion as well as technical fabrics round off the innovative product range. The innovative employees at Getzner Textil AG are one of the main reasons the company is able to maintain and expand its cutting edge in many business and product areas both from a strategic, as well as an operational perspective, even though things are constantly changing. In order to be able to adapt and expand areas in production quickly and independently, Getzner relies on the welding and clamping systems from Siegmund. You can see the production of a collision protection for a high-voltage cable as well as the production of a special table for dosing systems. After a welding process of approx. 9 to 10 hours, the special table is turned over and the containers (3x 1000 liter) for the textile production are attached.







### BAX METAAL, BERGEIJK (NL)

For more than 25 years Bax Metaal in the Netherlands have demonstrated their know-how, quality and reliability in the manufacture of their custom made sheet metal fabrications and pipe construction in materials such as steel, stainless steel and aluminum. Each project is developed in partnership with the customer using Siegmund 3D models for an accurate design of the tooling and a reduction in the fabrication time for the welded assembly. Following precise planning and close liaison with the customer Bax Metaal will be confident that the Siegmund system provides the maximum efficiency and precision. Projects will be implemented with high accuracy and the short change-over times offer an effective and economical solution for every project.











### STERN EDELSTAHL, GEIERSTHAL (DE)

The company "Stern Edelstahl GmbH", based in Germany, draws on the experience of many generations and offers a competent service in the areas of pipeline construction, plant construction, water and sewage technology as well as sheet metal processing. In order to consistently offer their customers the highest quality and reliability, Stern Edelstahl manufactures its products on Siegmund welding tables and the new Siegmund Workstation.

We had the chance to see first-hand, how sheet metal assemblies and pipe parts were produced on Professional Extreme welding tables. Thanks to the short tool changeover time and high precision, "Stern Edelstahl" is able to produce competitively on Siegmund welding tables and offer their customers high quality products.











### NORWEST, PRAHOVA (RO)

The Romanian company Norwest manufactures customized sheet metal and pipe constructions made of different metals. In order to manufacture the various products efficiently and precisely, Norwest relies on the welding and clamping table systems from Siegmund.

In the pictures you get an insight into the production plant of Norwest. The product range extends from piping to metal constructions for production and storage halls to staircase constructions.







#### J&E MAIER AG, GOSSAU (CH)

Since 1926, the employees of the Swiss company J&E MAIER AG have been producing high-quality machines and systems for grain processing and process engineering for bulk materials of all kinds. Special attention is paid to solutions that can be individually adapted or manufactured for each customer.

In the pictures you can see the production of a frame on a Siegmund welding table. To significantly reduce production times, an assembly frame can be created using stops and squares and fixed on the Professional Extreme welding table. With a few simple steps, the individual parts of the frame can be flexibly clamped and processed.



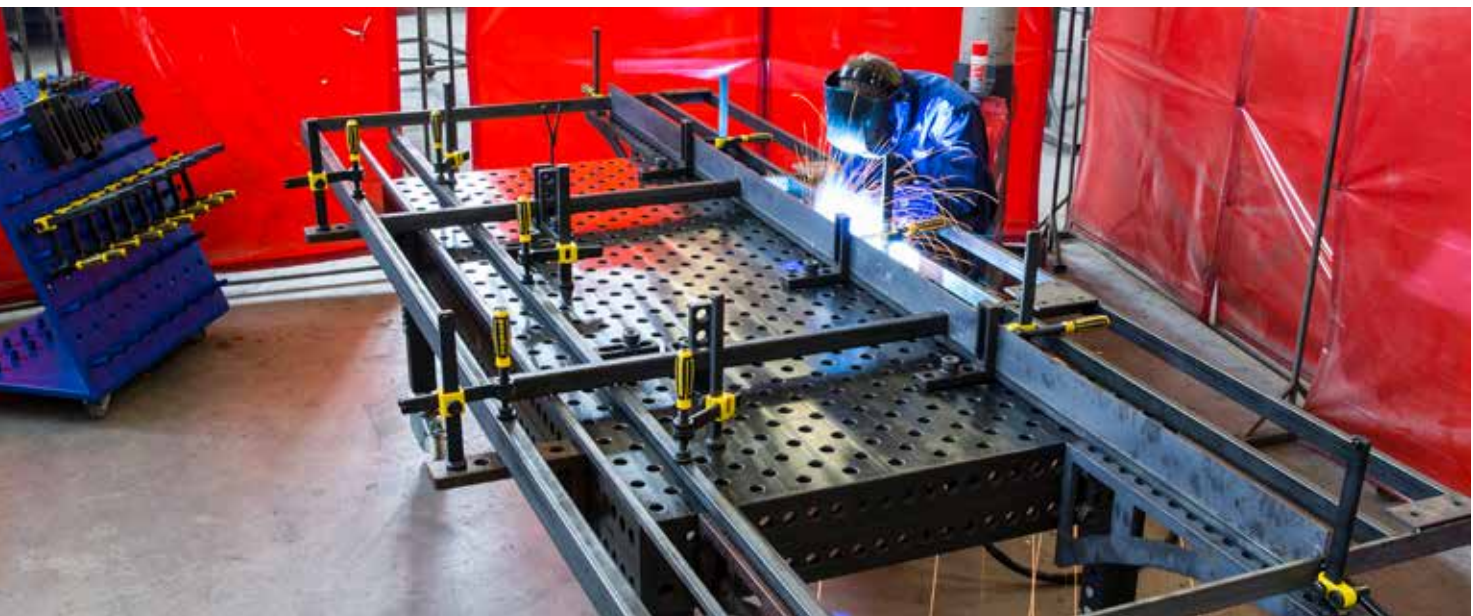




### SIMEONI METALLBAU, ANDELSBUCH (AT)

The family business Simeoni Metallbau has been manufacturing high-quality metal construction solutions and individual residential properties for property developers, builders and architects since 1998. The Siegmund welding and clamping table systems provides a solid, reliable and accurate working material for Simeoni's wide range of products.

In the pictures you can see the production of a frame for a balcony railing. All parts are clamped, tacked and then welded on a Professional Extreme welding table with clamps and squares. The clever system provided by Siegmund enables quick and flexible retooling of the jig and is a time-saving solution for individual custom-made products as well as for series production.





*The right work basis for  
every application –  
Siegmond Systems at a glance*



### SYSTEM 28

If you want to realize various or mainly large projects, system 28 is ideal. Here, the legs standard equipment can be loaded with approx. 2.000 kg each. With the accessories you get solid clamping devices to hold even large, heavy applications in place.



### SYSTEM 22

More and more customers are choosing system 22. It is more stable than system 16 and lighter than system 28.



### SYSTEM 16

For simple applications with low weight up to max. approx. 1.000 kg per leg standard equipment, we recommend system 16. Thanks to the standard borehole spacing of 50 mm, you can easily clamp even small parts.



### COMPATIBLE

Thanks to the sophisticated modular system of Siegmond, all systems can be connected by using connecting elements.

## SYSTEM 28

FOR HEAVY DUTY APPLICATIONS

### MATERIALS

Material thickness approx. 24,5 – 27 mm

#### PROFESSIONAL 750

Premium Steel S355J2+N,  
plasma nitrided and BAR-coated

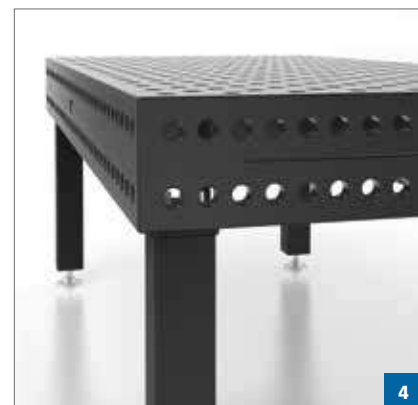
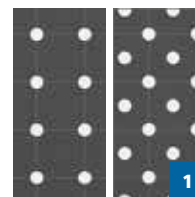
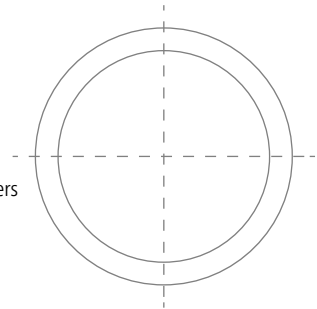
#### PROFESSIONAL EXTREME 8.7 / 8.8

Hardened tool steel X8.7 / X8.8,  
plasma nitrided and BAR-coated



### BOREHOLE Ø 28 MM

1. Boreholes on the surface in diagonal grid or 100x100 mm grid
2. Boreholes with radius 3 mm
3. Radius 3 / 6 mm on table edges and corners
4. Height of table side 200 mm  
Borehole spacing of table side 50 mm
5. With scaling on the surface
6. Construction reinforced with ribbing



# SYSTEM 22

MORE STABLE THAN SYSTEM 16,  
MORE COST-EFFECTIVE THAN SYSTEM 28

## MATERIAL

Material thickness approx. 17 – 19 mm

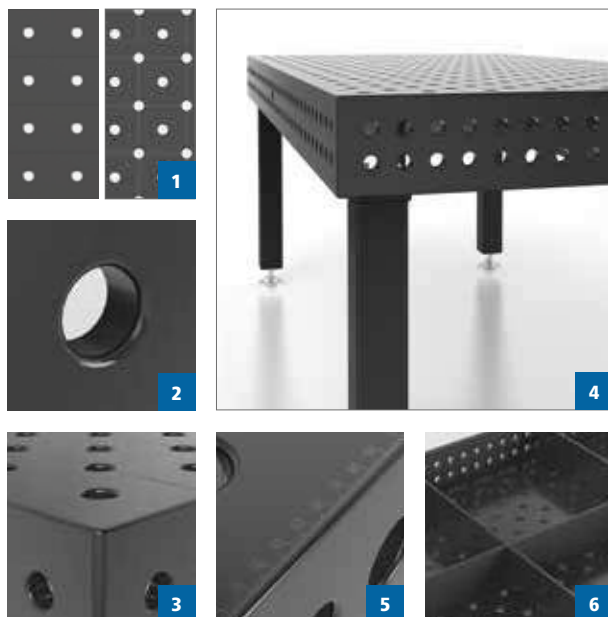
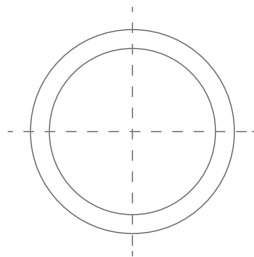
### PROFESSIONAL 750

Premium Steel S355J2+N,  
plasma nitrided and BAR-coated



## BOREHOLE Ø 22 MM

1. Boreholes on the surface in diagonal grid or 100x100 mm grid
2. Boreholes with radius 2,5 mm
3. Radius 3 / 6 mm on table edges and corners
4. Height of table side 150 mm  
Borehole spacing of table side 50 mm
5. With scaling on the surface
6. Construction reinforced with ribbing



# SYSTEM 16

FOR FINE DETAIL APPLICATIONS

## MATERIALS

Material thickness approx. 11,5 – 13 mm

### PROFESSIONAL 750

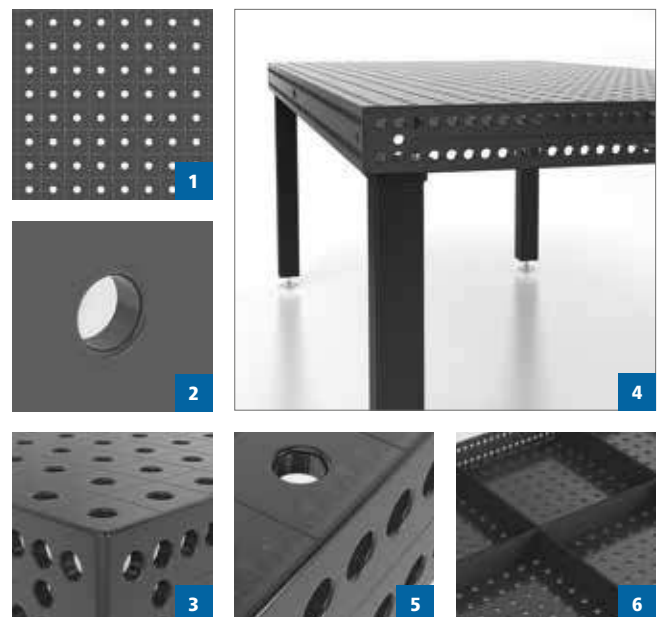
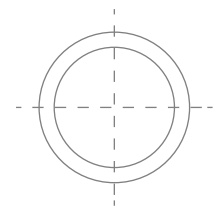
Premium Steel S355J2+N,  
plasma nitrided and BAR-coated

### PROFESSIONAL EXTREME 8.7

Hardened tool steel X8.7,  
plasma nitrided and BAR-coated

## BOREHOLE Ø 16 MM

1. Boreholes on the surface 50x50 mm grid
2. Boreholes with radius 2 mm
3. Radius 3 / 6 mm on table edges and corners
4. Height of table side 100 mm  
Borehole spacing of table side 25 mm
5. With scaling on the surface
6. Construction reinforced with ribbing





# Siegmund - table fleet System 28

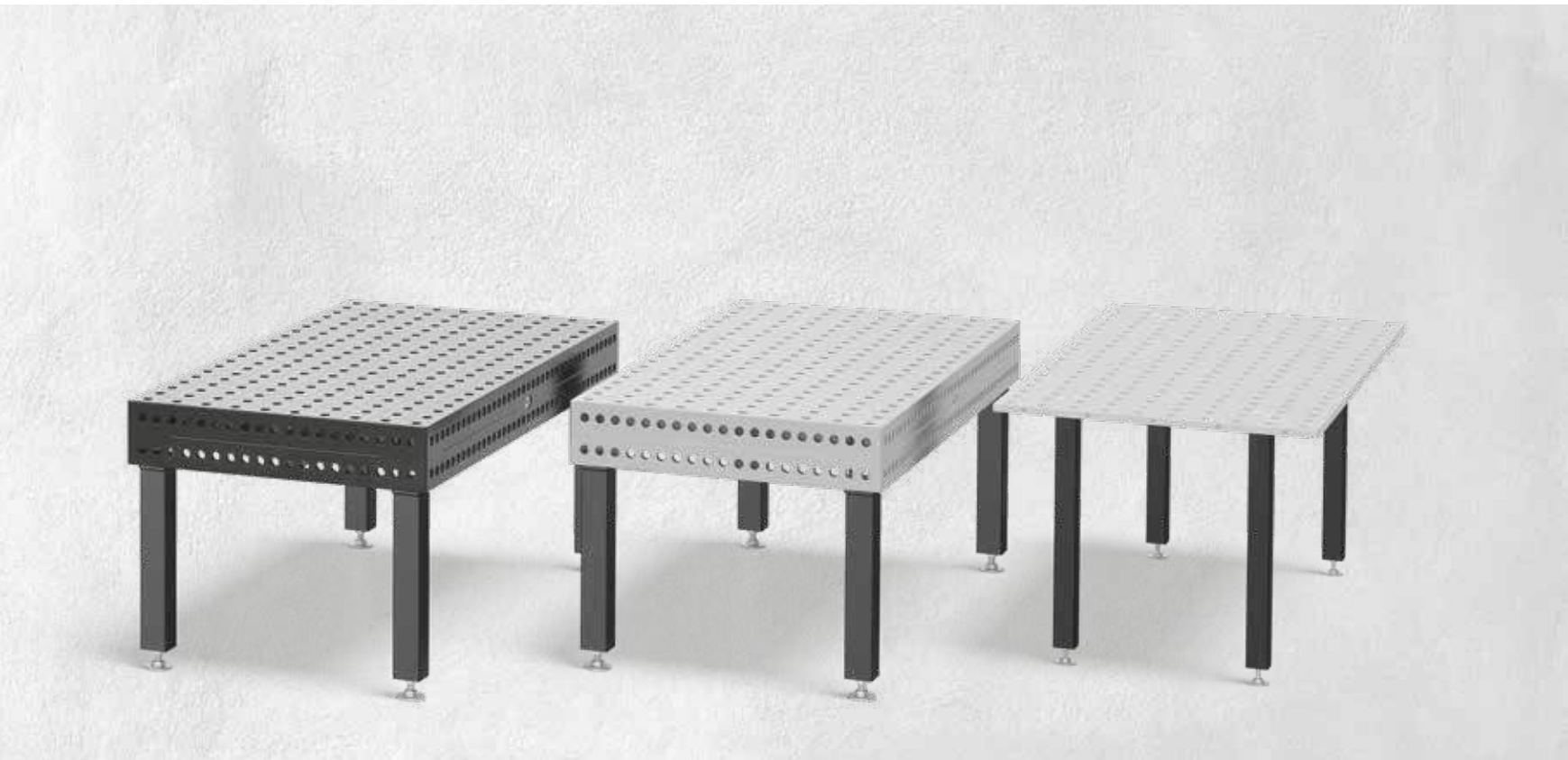


	T-SLOT TABLE	PROFESSIONAL EXTREME 8.8	PROFESSIONAL EXTREME 8.7
<b>MATERIAL</b>	Steel S355J2+N	Through-hardened tool steel out of special alloy Siegmund X8.8	Through-hardened tool steel out of special alloy Siegmund X8.7
<b>PLASMA NITRATION</b>	■	■	■
<b>BASIC HARDNESS</b>	approx. 165 – 220 Vickers	approx. 360 – 420 Vickers	approx. 280 – 340 Vickers
<b>SURFACE HARDNESS</b>	approx. 450 – 750 Vickers	approx. 500 – 900 Vickers	approx. 450 – 850 Vickers
<b>MATERIAL THICKNESS</b>	approx. 35 – 39 mm / 24,5 – 27 mm	approx. 24,5 – 27 mm	approx. 24,5 – 27 mm
<b>TABLE SIDE PANEL</b>	200 mm	200 mm	200 mm
<b>DIAGONAL GRID</b>	—	■	■
<b>SCALE</b>	—	■	■
<b>STYLES</b>	see page 132	see page 104	see page 102

■ Standard

□ available against surcharge

— not available



## PROFESSIONAL 750

## STAINLESS STEEL

## BASIC

Steel S355J2+N	Stainless Steel X5CrNi18-10 (1.4301)	Steel S355J2+N
■	—	—
approx. 165 – 220 Vickers	approx. 266 – 382 Vickers	approx. 165 – 220 Vickers
approx. 450 – 750 Vickers		
approx. 24,5 – 27 mm	approx. 24,5 – 27 mm	approx. 24,5 – 27 mm
200 mm	200 mm	No side panel: Thread holes on 4 sides
□	□	□
■	□	■
see page 98	see page 94	see page 90



# Siegmund - table fleet System 22



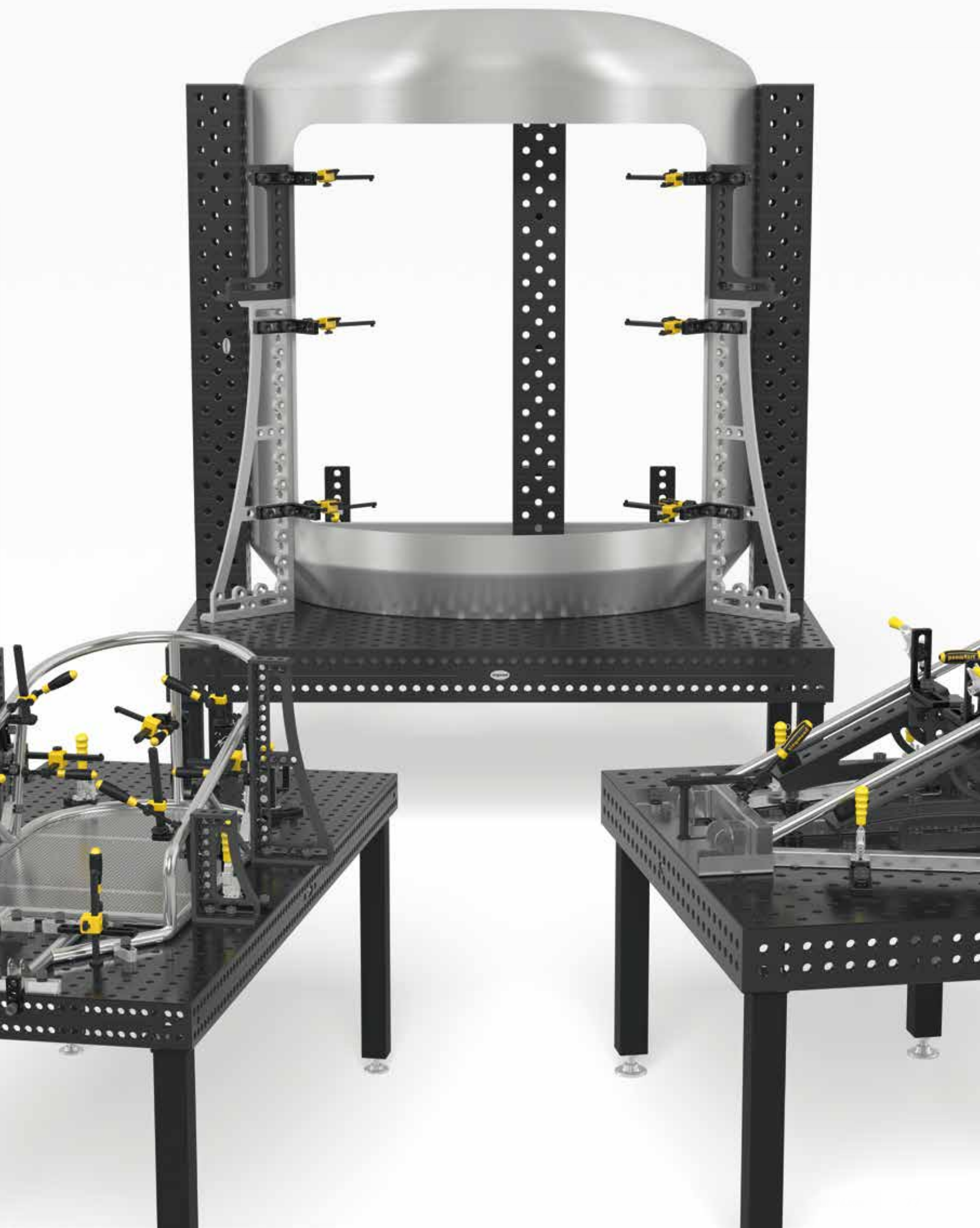
## PROFESSIONAL 750

<b>MATERIAL</b>	Steel S355J2+N
<b>PLASMA NITRATION</b>	■
<b>BASIC HARDNESS</b>	approx. 165 – 220 Vickers
<b>SURFACE HARDNESS</b>	approx. 450 – 750 Vickers
<b>MATERIAL THICKNESS</b>	approx. 17 – 19 mm
<b>TABLE SIDE PANEL</b>	150 mm
<b>DIAGONAL GRID</b>	■
<b>SCALE</b>	■
<b>STYLES</b>	see page 410

■ Standard

□ available against surcharge

— not available





# Siegmund - table fleet System 16



## PROFESSIONAL EXTREME 8.7

## PROFESSIONAL 750

<b>MATERIAL</b>	Through-hardened tool steel out of special alloy Siegmund X8.7	Steel S355J2+N
<b>PLASMA NITRATION</b>	■	■
<b>BASIC HARDNESS</b>	approx. 280 – 340 Vickers	approx. 165 – 220 Vickers
<b>SURFACE HARDNESS</b>	approx. 450 – 850 Vickers	approx. 450 – 750 Vickers
<b>MATERIAL THICKNESS</b>	approx. 11,5 – 13 mm	approx. 11,5 – 13 mm
<b>TABLE SIDE PANEL</b>	100 mm	100 mm
<b>DIAGONAL GRID</b>	□	□
<b>SCALE</b>	■	■
<b>STYLES</b>	see page 578	see page 574

■ Standard

□ available against surcharge

— not available



STAINLESS STEEL

BASIC PLASMA NITRIDED

Stainless Steel X5CrNi18-10 (1.4301)	Steel S355J2+N
—	■
approx. 266 – 382 Vickers	approx. 165 – 220 Vickers
	approx. 450 – 750 Vickers
approx. 11,5 – 13 mm	approx. 11,5 – 13 mm
100 mm	50 mm
□	—
□	■
see page 570	see page 566



# Materials by comparison

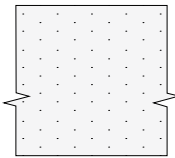
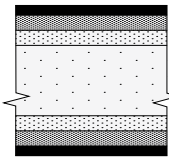
The materials used are fundamental to the high level of hardness and long service life. The choice of a Siegmund table is a long term saving thanks to the high level of precision engineering and the consistent superior quality.



**PROFESSIONAL 750<sup>1</sup>**  
without Plasma nitration



**PROFESSIONAL 750<sup>2</sup>**  
with Plasma nitration

Hardness in Vickers	Basic hardness approx. 165 – 220 Vickers	Basic hardness approx. 165 – 220 Vickers Surface hardness approx. 450 – 750 Vickers
Material	 <p>Specific base material S355J2+N</p>	 <p>BAR-Coating Iron nitride Transient region Specific base material S355J2+N Transient region Iron nitride BAR-Coating</p>
Basic hardness	★ ★	★ ★
Surface hardness	★ ★	★ ★ ★ ★ ★ ★
Impact-proof	★ ★	★ ★ ★
Scratch-proof	★ ★	★ ★ ★ ★
Protection against weld spatter	★	★ ★ ★ ★ ★ ★
Corrosion resistance	★	★ ★ ★ ★ ★ ★
Point load	★ ★ ★	★ ★ ★ ★
Flatness in its new state	★ ★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ★
Maintenance of the flatness under heavy use	★	★ ★ ★
Life span	★ ★	★ ★ ★ ★ ★

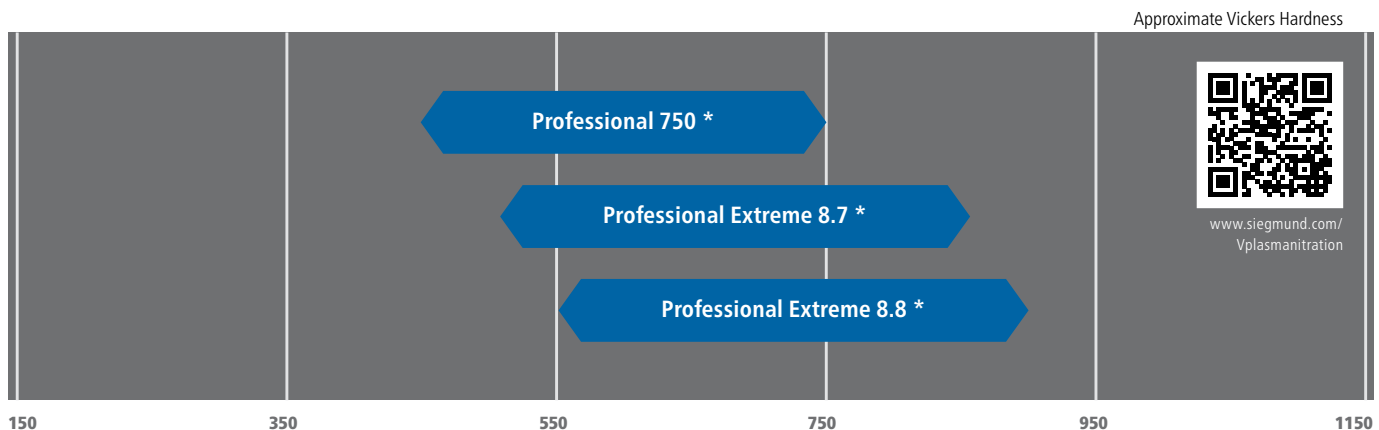
With our evaluation, we would like to make it easier for you to compare the different materials and to support you in selecting the right welding table.

<sup>1</sup>Also applies to all Basic tables System 28.


<sup>2</sup>Also applies to all Basic tables System 16.

## COMPARISON OF HARDNESS: SURFACE HARDNESS

The plasma nitriding and subsequent BAR-coating protect against scratches, corrosion and welding spatter.



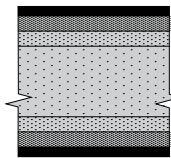
\* with Plasma nitration

 Our bestsellers Professional Extreme 8.7 and 8.8:  
Exceptional hardness and a long service life



**PROFESSIONAL EXTREME 8.7**  
with Plasma nitration

Basic hardness approx. 280 – 340 Vickers  
Surface hardness approx. 450 – 850 Vickers

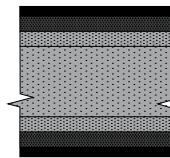


BAR-Coating  
Iron nitride  
Transient region  
**Through-hardened tool steel  
out of special alloy Siegmund X8.7**  
Transient region  
Iron nitride  
BAR-Coating



**PROFESSIONAL EXTREME 8.8**  
with Plasma nitration

Basic hardness approx. 360 – 420 Vickers  
Surface hardness approx. 500 – 900 Vickers



BAR-Coating  
Iron nitride  
Transient region  
**Through-hardened tool steel  
out of special alloy Siegmund X8.8**  
Transient region  
Iron nitride  
BAR-Coating



The hardening test –  
Professional Extreme:

[www.siegmund.com/  
Vhardness](http://www.siegmund.com/Vhardness)

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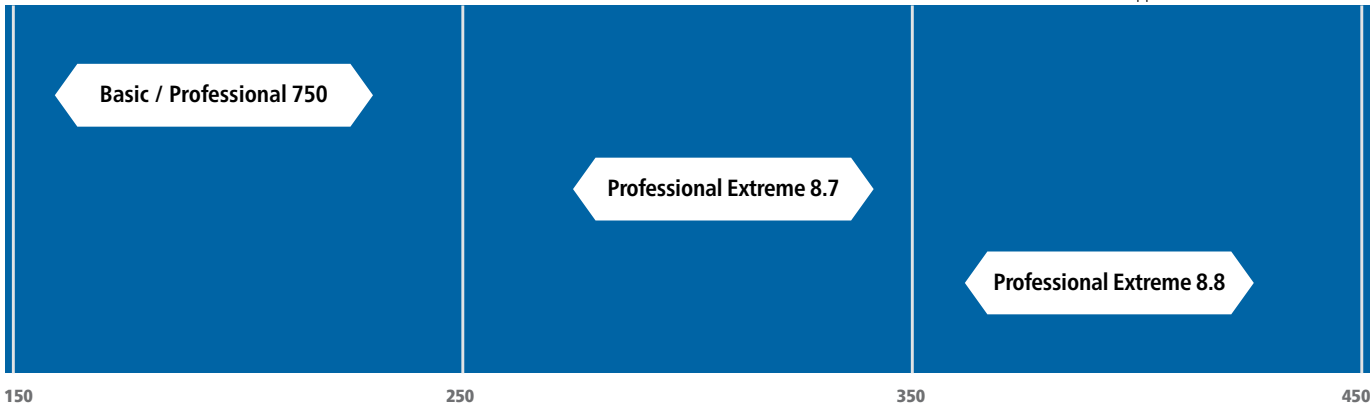
★ Shows the improvement of the properties in the last few years.

Side surface of Professional Extreme 8.7 and 8.8 is made of specific basic material S355J2+N incl. plasma nitriding and BAR-coating.

COMPARISON OF HARDNESS: BASIC HARDNESS

The high basic hardness is the essential hardness and allows a high impact resistance and a long service life of the welding table.

Approximate Vickers Hardness



150

250

350

450



## Borehole grid and scaling



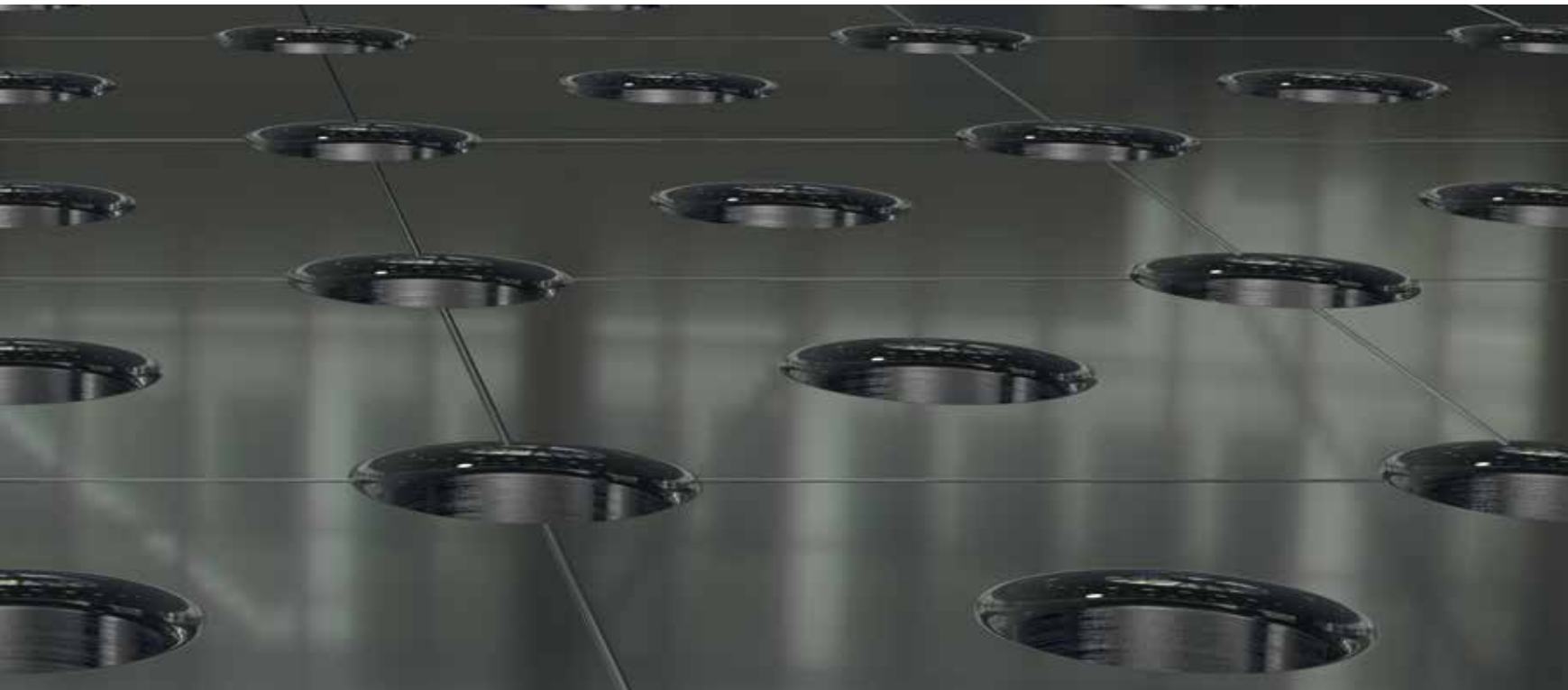
The most prevalent borehole grid and lattice for welding- and clamping tables is 100 mm (System 28, System 22) and 50 mm (System 16). The elongated holes of the system elements are perfectly aligned.



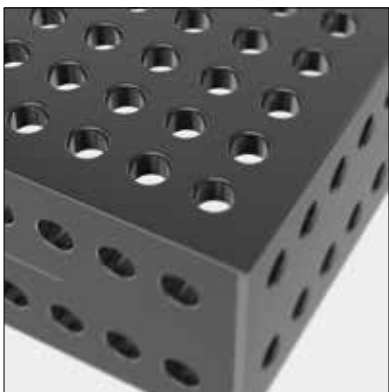
The diagonal grid offers twice as many clamping options in the diagonal position. Take advantage of the increased flexibility for even more clamping options.



A special grid with thread holes allows you to work with your individual tools and devices.



28  
+  
22



The 50 mm grid offers twice as many clamping options as the 100 mm grid. Take advantage of the increased flexibility for even more clamping options.

28  
+  
16



The diagonal grid on the side panel gives you additional clamping options.

28  
+  
22  
+  
16



4-sided revolving scale




# Rapid identification of Siegmund quality features

NEW, CONSOLIDATED PRODUCT IDENTIFICATION IN ONE PLACE.

## 28 SQUARES

### Stop and Clamping Square 175 L


**2**





**1** Description:


Stop and Clamping Square 175 L can be used as a multifunctional adjustable angle by combining system base holes and sliding slot. A height-adjustable support can be created by combining the Stop and Clamping Square 175 L (Item No. 280110.N) and the Stop and Clamping Square 175 SL (Item No. 280103.V). This component also functions well as a stop for large parts.

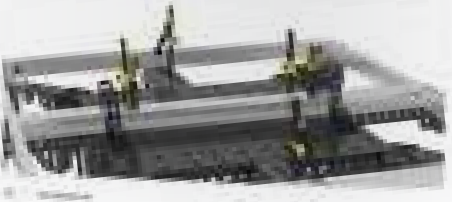
Chromed version available for work on measuring tables, working with aluminum and for TIG-welding.

  
280110.N


  
280110.A

  
280110.G

  
280110.C



## SQUARES 28



	Length: (a)	Width: (b)	Height: (c)	MS: (d)	Weight:	Item No.
Stop and Clamping Square 175 L with hole / sliding slot chromed Standard with fine scaling on both sides	175 mm	50 mm	175 mm	25 mm	1,95 kg	2-280110.N 85,00 €
Stop and Clamping Square 175 L with hole / sliding slot chromed	175 mm	50 mm	175 mm	25 mm	1,90 kg	2-280110.G 78,00 €
Stop and Clamping Square 175 L with hole / sliding slot chromed	175 mm	50 mm	175 mm	25 mm	0,80 kg	2-280110.A 96,00 €
Stop and Clamping Square 175 L with hole / sliding slot chromed, Delivery time approx. 10 weeks	175 mm	50 mm	175 mm	25 mm	2,10 kg	2-280110.C 96,00 €

84 = Item produced for stock, 85 = Item produced on order. Explanations see page 84.

**3**

**7**

**4**

**8**

**5**

**6**

Chromed

Scale

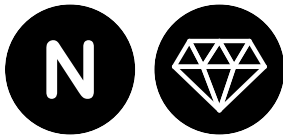
Sliding system

Corrosion protection

Aluminum

1. Article name and description
2. Product picture with dimension
3. Article number
4. Article name with material specification
5. Technical details
6. Price
7. ● = Item produced for stock  
○ = Item produced on order
8. Product features (Explanations see page 84)

( • ) = price on request



### SCRATCH RESISTANCE, WELDING SPATTER AND CORROSION PROTECTION

Nitriding creates scratch-resistant and corrosion-resistant surfaces and when used with our anti-spatter spray, protects against weld spatter adhesion.



### SCALE

The scaling makes precise setting and clamping of your workpiece easier.



### SURFACE SMOOTHING

BAR-coating (Black-Anti-Rust-coating) creates a smooth surface and increases the rust protection.



### POLYAMIDE

These items are available in polyamide for your stainless steel processing or scratch-sensitive components.



### ALUMINUM

These products are available in aluminum for stainless steel processing.



### ALUMINUM-TITANIUM

We use this lightweight and high-strength material for weight reasons for some large stop and clamping squares. However, the hardness of nitrided cast steel can not be achieved here.





TABLES

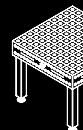


TABLE LEGS



STOPS



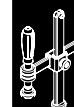
SQUARES



BOLTS



CLAMPS &amp; ACCESSORIES



PRISMS &amp; SUPPORTS



FAST CLAMPING EQUIPMENT &amp; ADAPTER



ACCESSORIES



RAIL- AND PLATFORMSYSTEM

