



Meusburger worldwide



Quality standards for mould making



*It's a good feeling
when everything
is right.*



For the company 'Lercher Werkzeugbau' from Austria, the highest quality and reliability are the most important criteria when selecting suppliers. This is the only way for the precision mould maker to meet the high demands of their customers. With our over 50 years of expertise in working with steel, this is why Lercher has relied on our know-how for decades. We manufacture high-precision and quickly available standard parts as a reliable basis for a perfect end product. This helps our customers to concentrate on their core competence – namely creative design and the implementation of new ideas.





Dominik Lercher, CEO 'Lercher Werkzeugbau', Austria

Then and now – achieving more together

What began as a one-man business in 1964 has grown over the years into a globally active company. Under the umbrella of the Meusburger Group, the products and services for mould, die, and jigs and fixtures construction have been continuously expanded. Today, the product portfolio ranges from high-precision standard parts, selected

workshop equipment and hot runner and control systems to the knowledge-oriented management method WBI and solutions for efficient corporate management in the ERP/PPS software area. True to the motto 'Everything from a single source', you as a customer benefit from simple handling, high-quality products and exceptional service.



1964:

Founding of the one-man company by Georg Meusburger



1979:

Start of production of standardised mould bases



1992:

Construction of the first of now three high-bay warehouses for steel plates

1960

1970

1980

1990



2007:

Handover of management to Guntram Meusburger



2013:

Launch of workshop equipment division for mould and die making



2017:

Completion of the first automatic small parts warehouse



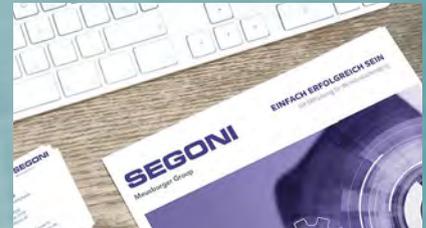
2010:

Launch of die making division



2016:

Integration of Plastic Service GmbH into the Meusburger Group



2018:

Integration of Segoni GmbH into the Meusburger Group

2000

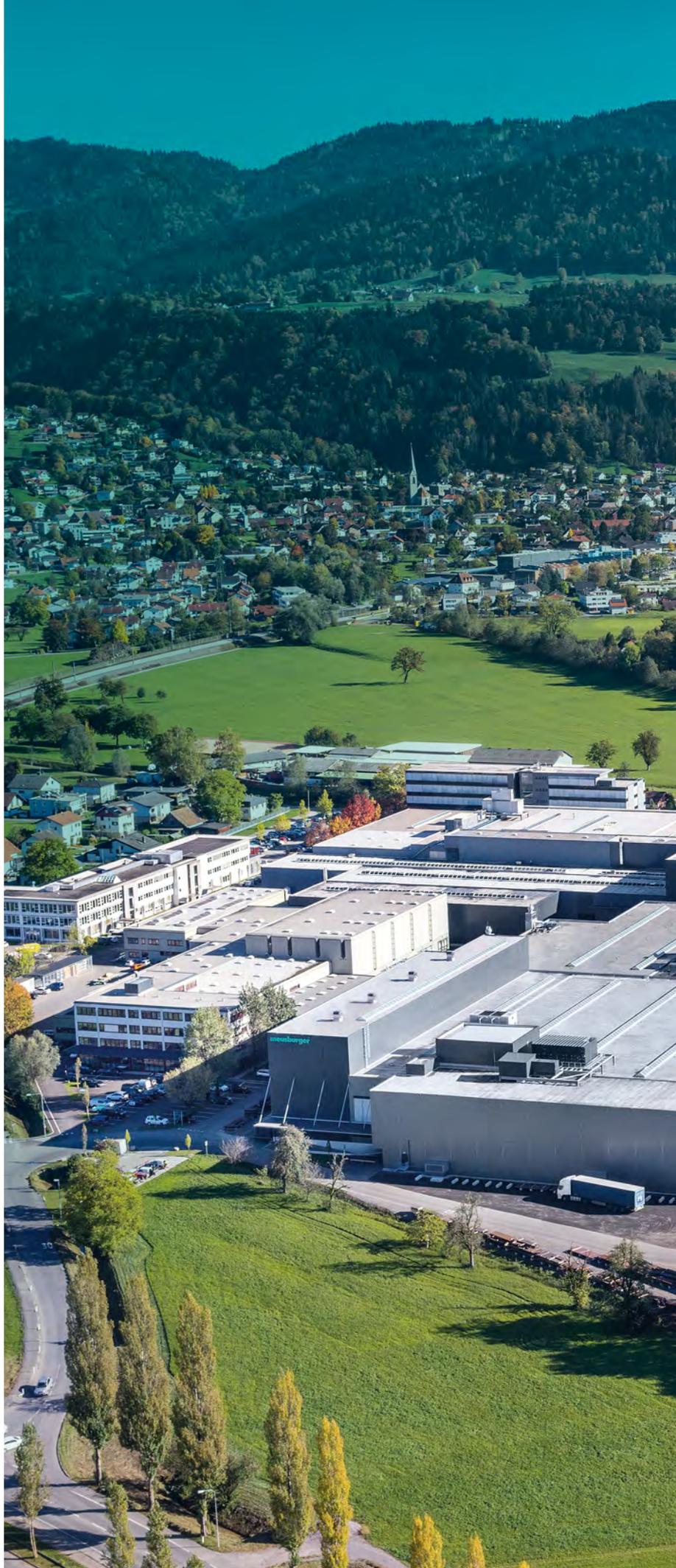
2010

2020

2030

In the heart of Europe

Our locally rooted family business with headquarters in Wolfurt, Austria is on the path to international success. One of the reasons attributed to this is our central location in Europe, as Vorarlberg is one of the strongest economic regions in Austria and Europe. Above all, the good infrastructure, a high level of training and motivated skilled workers are an important factor for success. Vorarlberg also offers a lot for tourists. The region brings together culture and the joy of outdoor activity, from the Mediterranean-like shores of the Bodensee to the mountainous landscapes of Arlberg, Silvretta and Rätikon. Visit us in Wolfurt and get a glimpse into our fully automated production and logistics processes in a company tour. Then why not combine your trip with a relaxing holiday and get to know the treasures of the Vorarlberg region?





Meusburger facility with outdoor warehouse in Wolfurt





Only the best is good enough

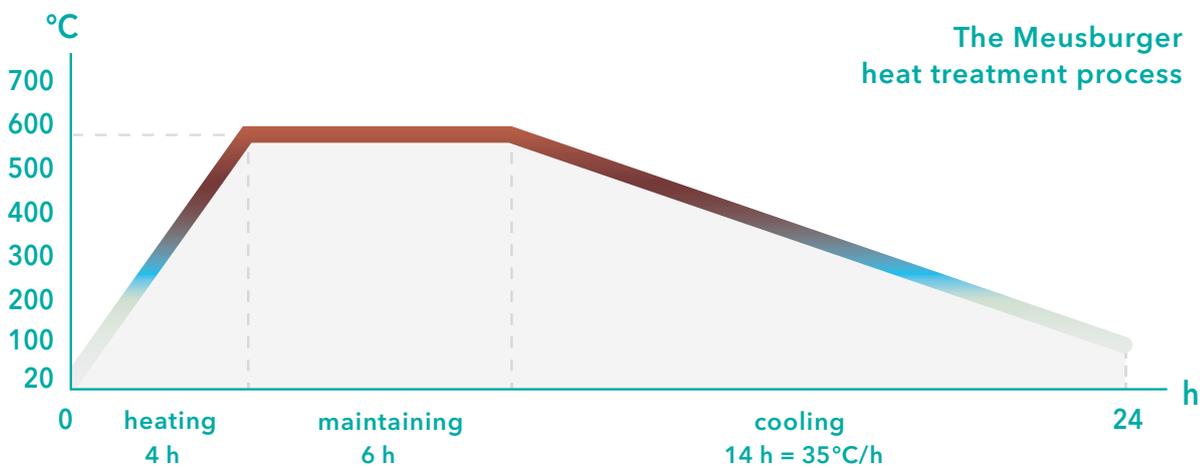
Reliability is a top priority at Meusburger. That's why guaranteeing consistently high product quality is especially important to us. This starts with the selection of the right raw materials, because only the most renowned steelworks can be considered as suppliers. Spectral analysis, strength tests and ultrasonic tests are carried out on the Meusburger premises. Only flawless steel that has been heat treated for stress relief makes it through our quality check and ultimately to our customers. This guarantees you excellent tool steel.

Spectral analysis is standard with us

Sit back and take time to relax

Simply do nothing for 24 hours and undergo a relaxing heat treatment? All types of steel enjoy this privilege with us before they are subsequently machined. This is because the stress-relieving heat treatment process requires exactly that long. In our three in-house furnaces with a total daily capacity of 240 tonnes, the natural tension in the material is reduced to a minimum. The success of this process is largely determined by the long cooling period of 14 hours (35°C / hour).

This ensures uniform cooling of core and surface zones and thus prevents the build-up of new tension. At the same time, the microstructure and the mechanical strength of the material remain unchanged. This creates the optimal conditions for low-deformation processing and guarantees you, the customer, shorter machining times through a smaller oversize, a longer service life of the tools and high-precision end products.





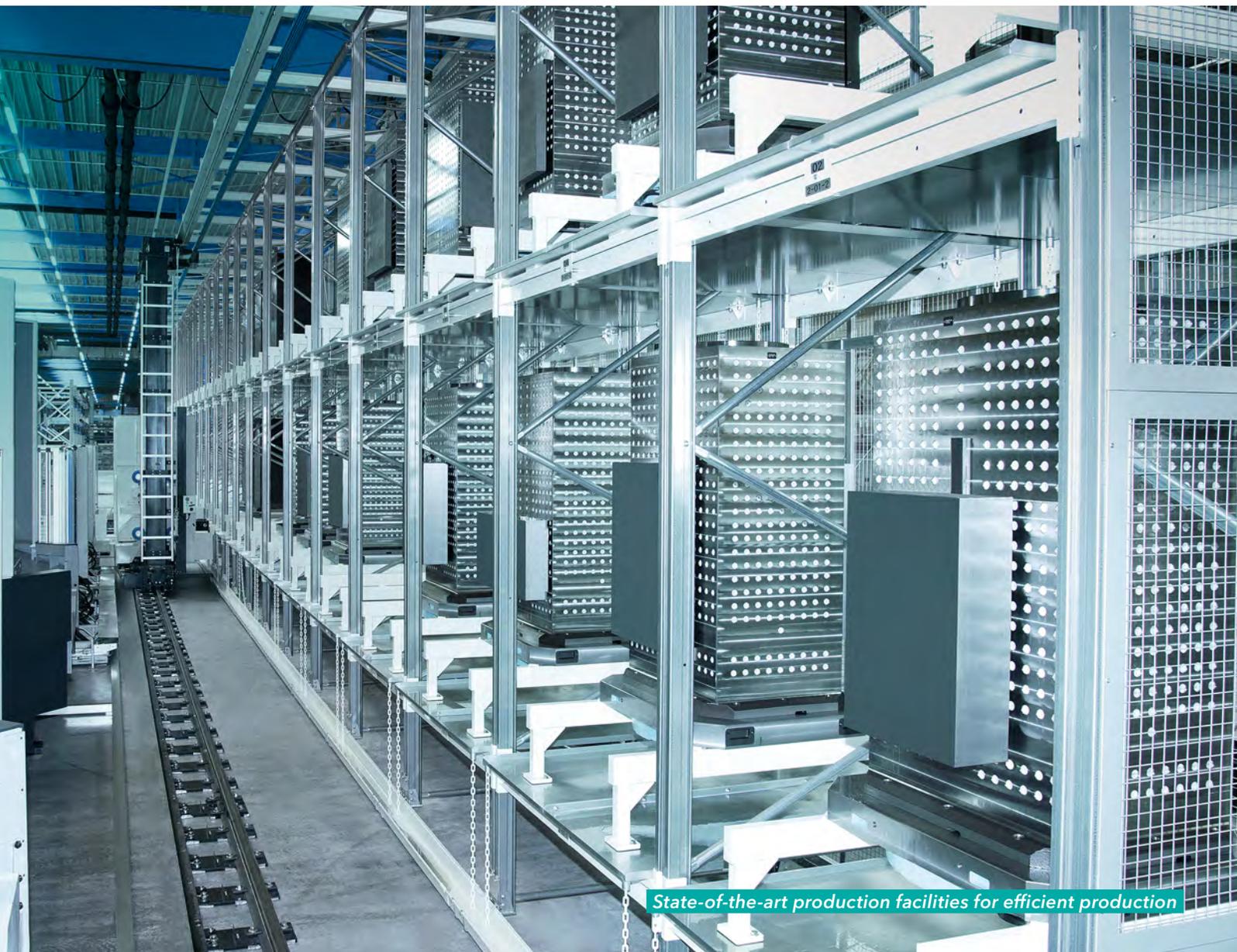
*More information
in our film:*

www.meusburger.com/heat-treatment-process



Training new specialists is very important to us. Our 2,100 m² training workshop with about 60 machines and 200 m² of office and training rooms offers enough space to train up to 150 apprentices per year.

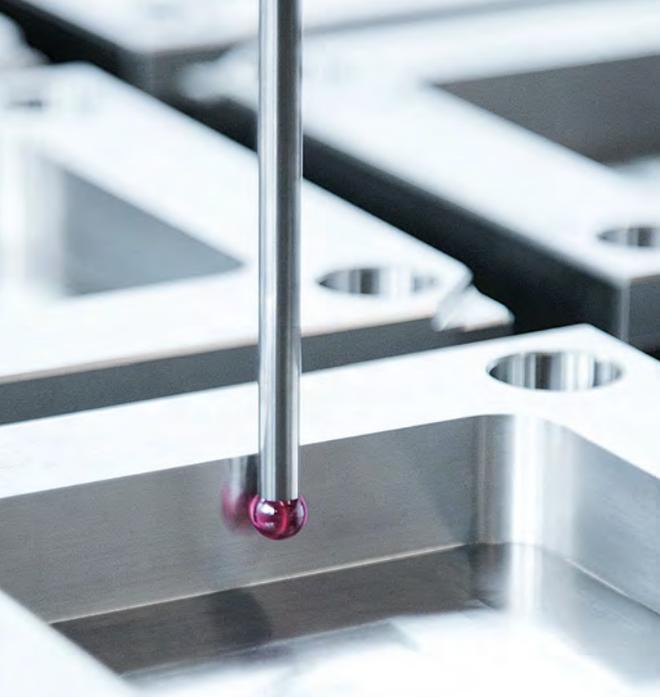




State-of-the-art production facilities for efficient production

Reliability thanks to state-of-the-art production

The concept of standardisation is a common theme at Meusburger. Not only the products, but also all our internal processes are standardised as much as possible. Through continuous monitoring and highly trained skilled workers, we guarantee first-class products. A significant amount of in-house production combined with state-of-the-art production lines, a high level of automation and sophisticated processes are the basis for outstanding standard parts. This allows you to realise your project in the shortest possible time with the highest quality.



Precision – we live for it

Quality is our promise at Meusburger. That's why the final check includes an inspection from one of the most exact measuring devices on the market and thus ensures optimum quality and precision. The highly sensitive sensors of the *ZEISS* measuring instrument check the finished products accurate to the micron. And that reliability is the basis for your success.





ZEISS



PRISMO



Final check with the ZEISS measuring instrument accurate to the micron



Three high-bay warehouses for steel plates with a total capacity of around 5,000 storage places ensure constant availability.





Automated small parts warehouse with 31,000 storage spaces. The goods are sent to order picking with the touch of a button and readied for shipment to customers all over the world in the shortest time possible.



18,000 m² storage space for short lead times

The world's largest central standard parts warehouse for mould bases guarantees our customers 97% availability for immediate delivery. Nearly all items are available in stock, are picked in the shortest possible time and sent to you with our optimally networked logistic partners. Thanks to optimal processes and fixed agreements with our shipping partners, you can benefit from our first-class ordering and delivery service. What you order today is shipped immediately and is available to you as quickly as possible – so you don't lose any time.



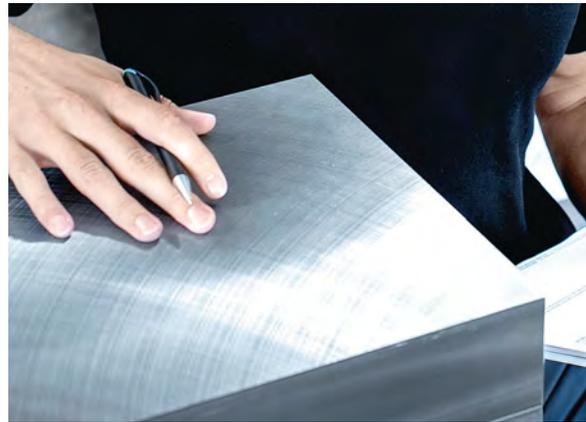
93,000 products – the choice is yours

A comprehensive product range with quickly available standard parts is the ideal basis for every project. However, specific solutions completely according to your requirements also belong to our area of expertise. Discover the possibilities our diverse range offers and secure your long-term competitive advantage.



Mould bases

A wide selection of plates with and without holes, combined with a sophisticated system and practical product advantages, are the reliable basis for precise and high-quality injection moulds.



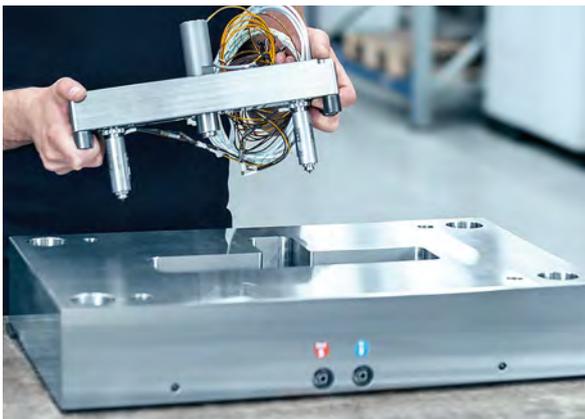
Standard plates

The largest range of standardised plates – round or square – in different versions offer maximum flexibility. All plates are manufactured to tight tolerances as standard and the thickness is precisely ground. If you cannot find what you are looking for in our standard range, we also offer plates in customised dimensions.



Special mould bases

Special challenges come up time and again. Whether you need sliding core moulds for complex components, change moulds for prototypes and small series or micro moulds for producing the smallest parts - we can solve every challenge with our customisable mould bases.



Hot runner moulds

With our configurator for hot runner moulds, a complete mould base including hot runner manifold and manifold plate can be customised with just a few clicks. The individually selected components of the hot runner mould are delivered promptly and in the usual high quality.

Hot runner systems

For complex requirements in hot runner systems, our specialists at PSG offer you customised complete solutions. As part of the Meusburger Group, PSG is the reliable project partner for the automotive, electronics, medical, transport, packaging and consumer goods industries.



Control systems

The PSG hot runner controllers are sure to impress with their innovative technology and space-saving design. Intelligent functions like Smart Power Limitation (SPL) and MoldCheck ensure maximum security and reliability. Clearly designed multi-touch screens ensure easy and intuitive operation.



Standard bars

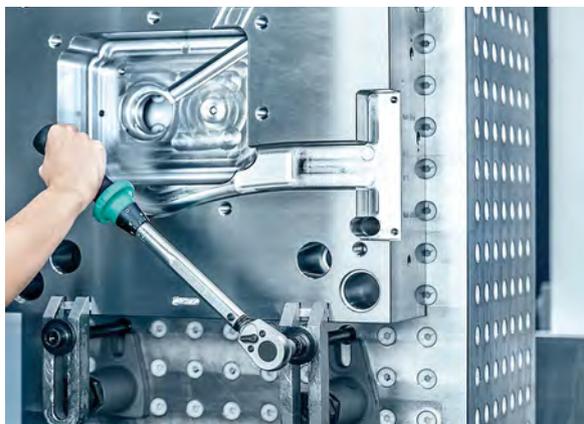
Versatile bars in various shapes, dimensions and material grades for manufacturing inserts, mould cores, and slides. Save time with already hardened tool steel in the form of blocks for eroding and much more.



Components

One-of-a-kind components with sophisticated details let you explore new paths. From guides to slide systems to electrical, hydraulic and hot runner components – discover your creativity with the largest selection of over 19,000 components.





Machining

Whether it is milling, hard milling, deep hole drilling, grinding or flame cutting – we offer short lead times for customised solutions. You can also fully rely on our expertise and experience when it comes to special machining.



Workshop equipment

Out of the vast range on the market, we have compiled an ideal selection especially for die and mould making. This allows you to save time and money when you compare, select and order high-quality products for daily use in the workshop and production.



Quality brought into form

What makes our products so unique is the combination of quality and service. For you as a customer, this means the largest selection, consistently high material quality, simple ordering options and short lead times. Discover our world of products and benefit along the entire value chain.

The widest range of materials with 29 grades

from aluminium to tool steel to powder metallurgy high-speed steel

High-grade steel, heat-treated for stress relief

guarantees reduced plate warping during machining

Meusburger standard hole pattern

enables the introduction of a cooling hole between the guiding bore and the screw hole



Wide risers instead of narrow risers

reduce deflection and ensure an even more stable mould base

Fixing hole in the risers

for quick removal of the clamp plate together with the risers



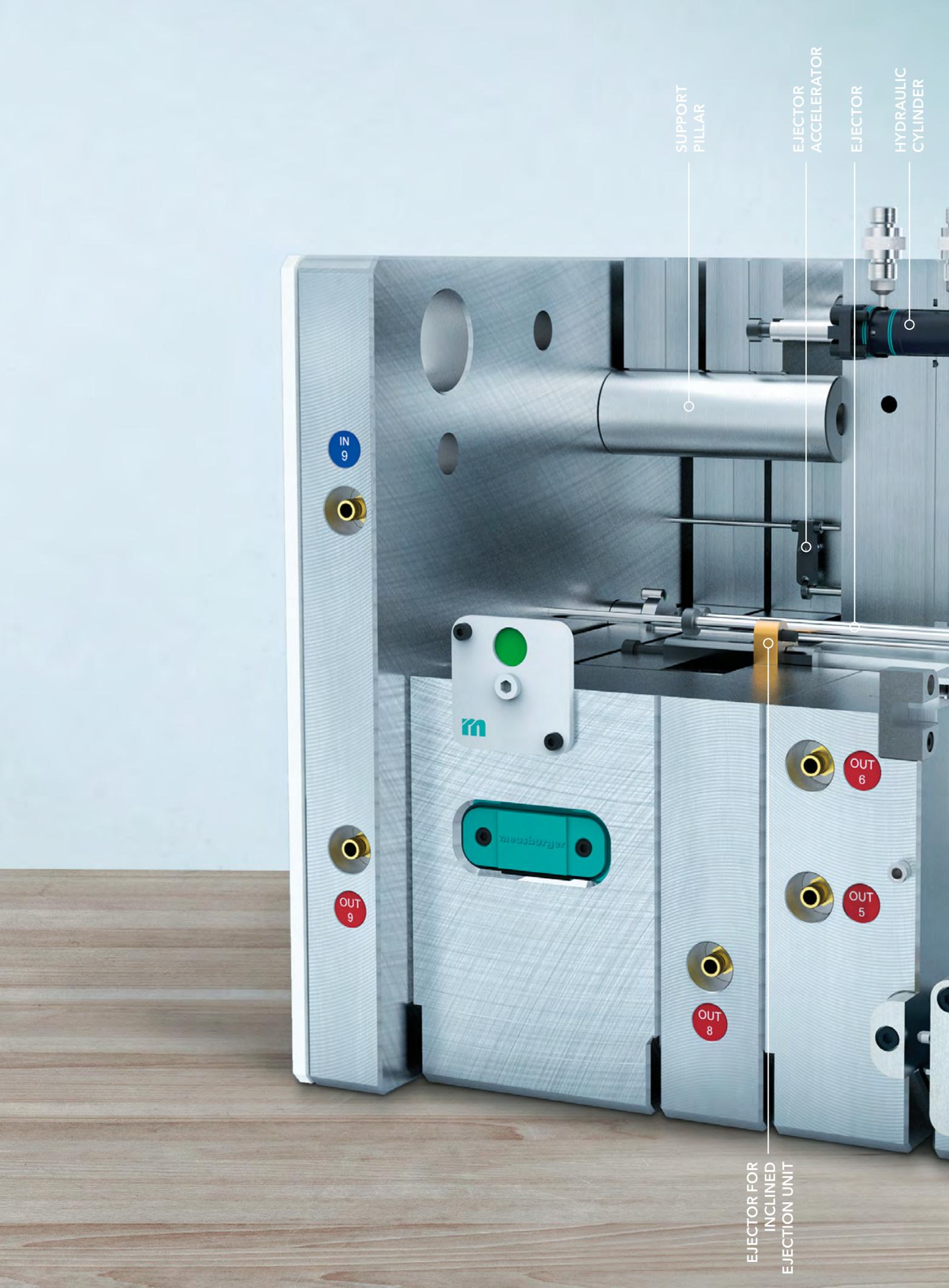
Standard mould sizes

available from stock in sizes from 96 x 96 to 996 x 1196 mm

Cavity plates with lever slots and alignment edges

enable easy removal of the cavity plates and quick alignment of the plate on the machine





SUPPORT PILLAR

EJECTOR ACCELERATOR

EJECTOR

HYDRAULIC CYLINDER

IN 9

OUT 9

OUT 6

OUT 5

OUT 8

EJECTOR FOR INCLINED EJECTION UNIT





TUNNEL
GATE INSERTS

SLIDE UNIT

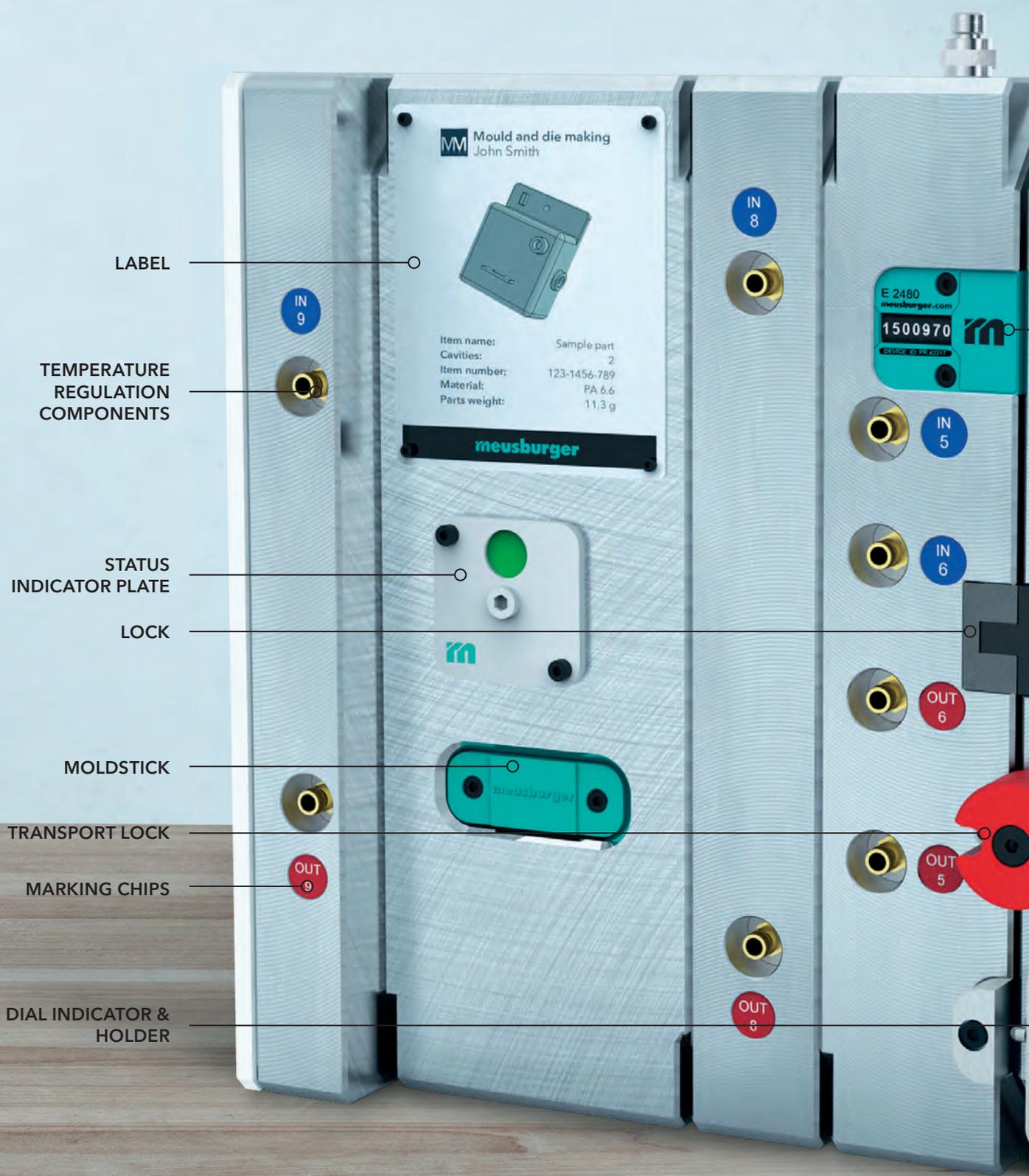
SPACER PLATE

GUIDING
ELEMENTS

COMPACT
SLIDE

HOT RUNNER
COMPONENTS





LABEL

TEMPERATURE
REGULATION
COMPONENTS

STATUS
INDICATOR PLATE

LOCK

MOLDSTICK

TRANSPORT LOCK

MARKING CHIPS

DIAL INDICATOR &
HOLDER

MM Mould and die making
John Smith



Item name: Sample part
Cavities: 2
Item number: 123-1456-789
Material: PA 6.6
Parts weight: 11.3 g

meusburger

E 2480
meusburger.com
1500970
DEVICE ID: PR 42317



IN 9

IN 8

IN 5

IN 6

OUT 6

OUT 5

OUT 3



ELECTRICAL COMPONENTS

INSULATION BOARD

CYCLE COUNTER

LOCATING RING



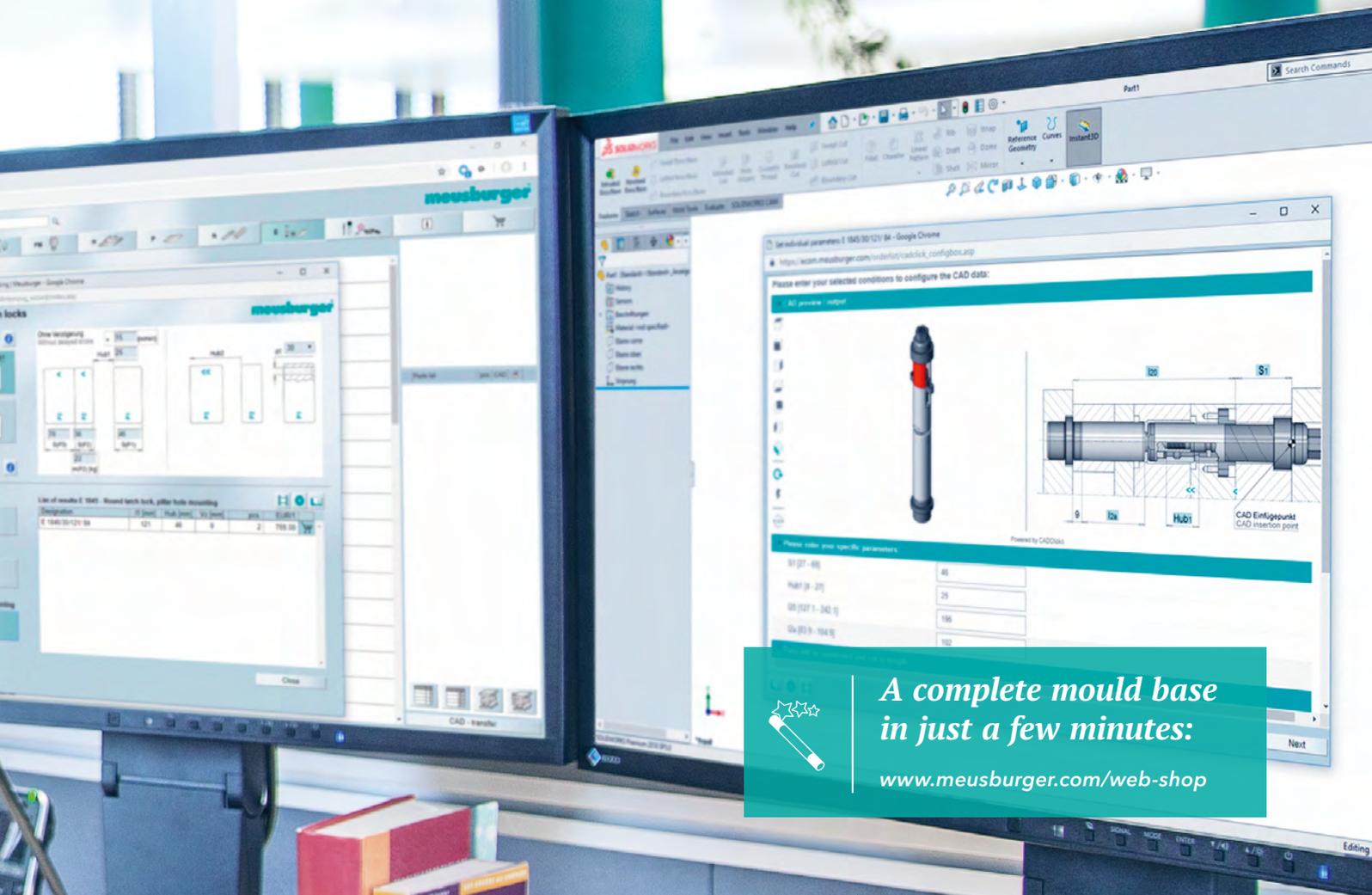


Easy ordering with just a few clicks

You can benefit from the Meusburger services in our web shop – round-the-clock, seven days a week. Order anytime and directly from your personal account, at work or on the go. Compare product features and technical specifications quickly and easily or find out about new products – and in 21 languages. Our shop is also available in an offline version on a USB flash drive or as a download for when you don't have Internet access.

You can benefit both online and offline:

- » Current prices
- » Convenient filter and search options
- » Specific information on products and their features
- » Numerous installation examples
- » Useful videos & technical tips
- » Direct interfaces for all common CAD systems
- » Numerous digital wizards



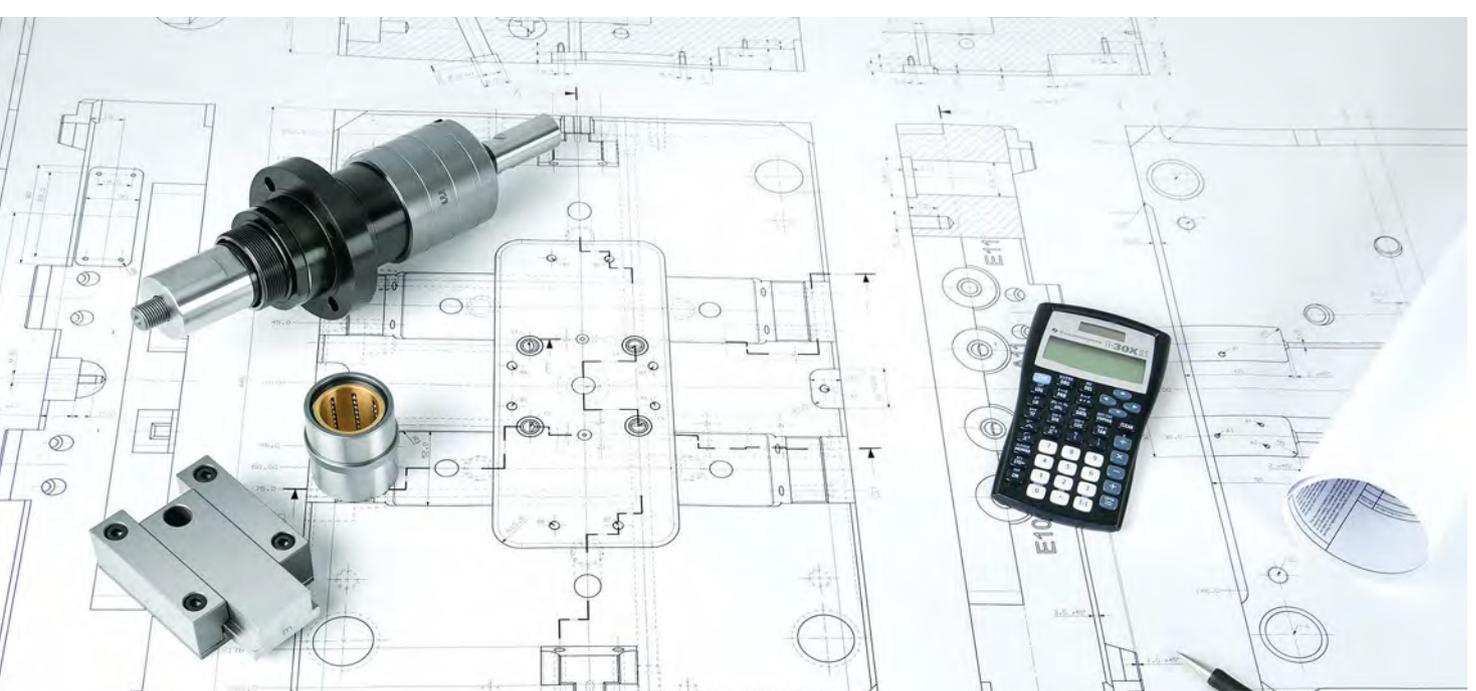

**A complete mould base
in just a few minutes:**
www.meusburger.com/web-shop

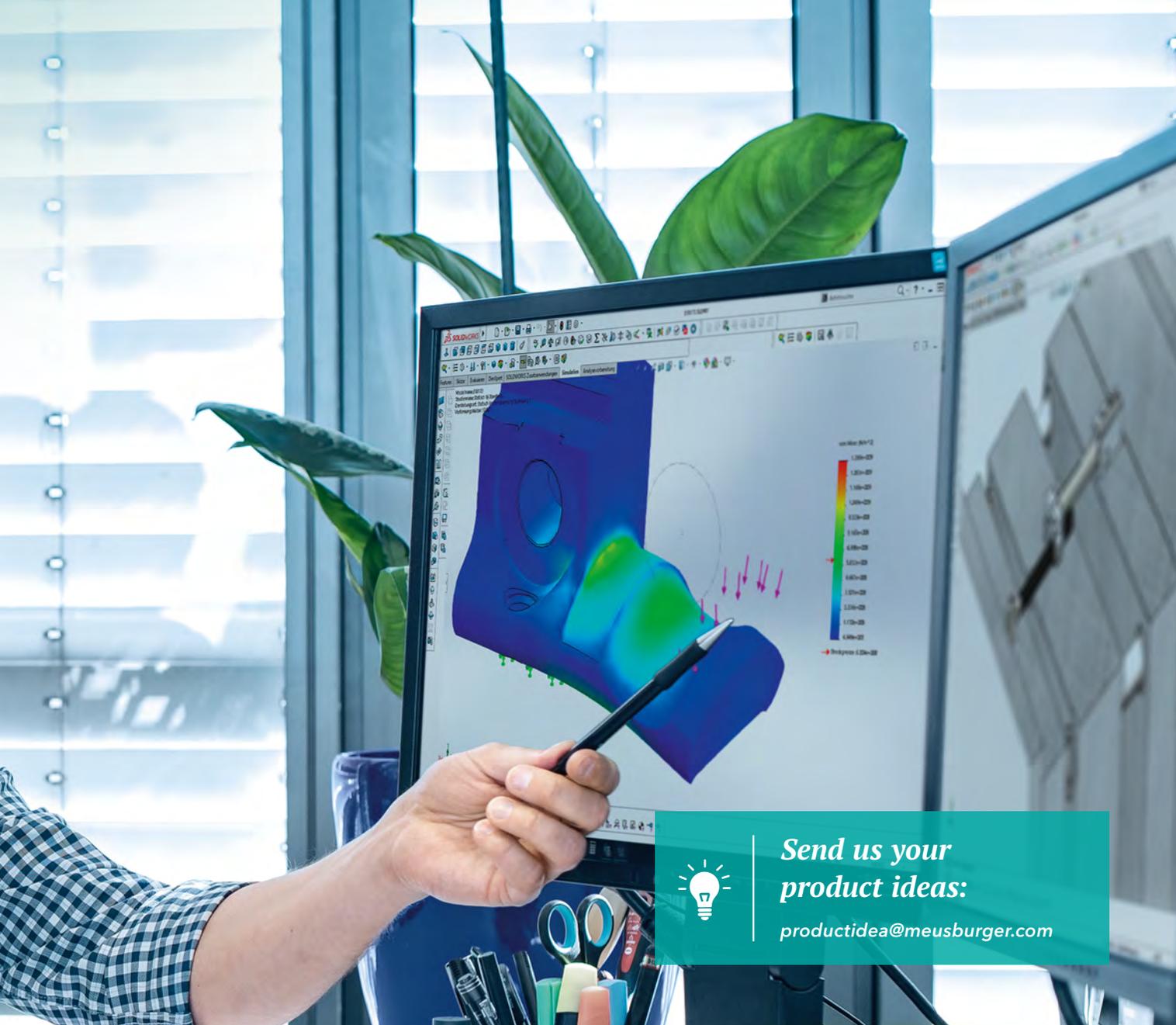
Reach your goal quickly with digital tools

The mould base wizards in our web shop and offline shop are an ingenious aid for configuring mould bases. With them, you can put together a complete mould base within minutes including the compatible components.

An overview of our wizards:

- » Convenient wizards for mould bases, sliding core-moulds and change moulds with fully automated E-parts calculation
- » Hot runner moulds configurator
- » Hot runner nozzles configurator
- » Wizard for our popular H 1000 Clamping system
- » Ejector configurator
- » Selection guides for latch locks and gas springs





*Send us your
product ideas:*

productidea@meusburger.com

A lot of know-how behind every product

We develop new products and optimise tried and trusted ones. Because we can do it and because we are passionate about doing it. And this is exactly what motivates us to always find new expert solutions for you as our customer. Our product development department is constantly on the lookout for new ideas and products that will make your daily work easier and ultimately save you time and money. This means that your product selection is constantly

expanding – also through patented products that are exclusively available only from Meusburger. Whether the smallest ready-to-use slide units, one-of-a-kind solutions for ejectors for inclined ejection units or standardised hot runner moulds – the product innovations from Meusburger are all around impressive. Do you have an idea but not the time or the right partner? Let's talk about it – maybe your product idea can set new standards in mould making.



Personal service for you locally

We are present in Europe and worldwide with a dense sales network and subsidiary companies. More than 300 field sales representatives are available to our customers as personal contacts and guarantee competent on-site advice at all times. A multilingual sales team and numerous specialised product experts take care of your concerns from our headquarters

in Austria. We are also happy to organise product training courses for you at your location. You can also find us at numerous international trade fairs or at one of our network meetings in your region. We are convinced that only through close customer relationships can we understand your needs and ideally support you in achieving your goals.



Get in contact:

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sales@meusburger.com

www.meusburger.com



The Meusburger Group:

- » More than 21,000 customers around the world
- » Supplying 81 countries
- » Turnover: 308 million euros

Meusburger Group

Everything from a single source

Achieving more together. Under the umbrella of the Meusburger Group, our range has expanded to include WBI Knowledge Management and ERP/PPS software solutions, in addition to workshop

equipment and products for hot runner and control systems. This makes us the versatile partner for all matters in mould, die, and jigs and fixtures construction. Our global presence is the basis for continuous growth.

meusburger

High-precision and quickly available standard parts and workshop equipment as the basis for efficient production

- » Standard parts for mould, die, and jigs and fixtures construction
- » Selected items for workshop equipment
- » Individual machining by customer request

PSG

PSG develops, produces, and markets hot runner and control systems for the manufacturing of plastic products

- » Hot runner systems
- » Hot runner control systems
- » Control systems

WBI

Tested and tried management method for collecting, sharing, using and saving organisational knowledge

- » Knowledge management software for an active knowledge database
- » Practice-oriented WBI Knowledge Management method
- » Personal consultation

SEGONI

ERP market leader for mould and die making in German speaking regions with over 250 customers

- » Customised ERP software from batch size 1
- » Consulting, production control, hourly rate determination
- » Efficient calculation in internal and external mould making

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*Your order is
our ambition.*

«

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