

11th issue, October 2013



The newspaper for customers, partners and staff

in Forms



Aerial view as of
06/09/2013: extension
building, now completed

MEUSBURGER CONTINUES TO GROW

New building creates over 100 additional workspaces (pages 4–5)

CLOSER TO THE CUSTOMER

Meusburger supplies over 56 countries worldwide (page 13)

EVERYTHING FROM A SINGLE SOURCE

Quality standard moulds and now also workshop equipment from Meusburger (pages 14–15)



meusburger.com



DEAR CUSTOMERS AND PARTNERS, EMPLOYEES AND STAFF,

Did you know that the total circulation of Meusburger **inForms** amounts to 70,000 copies? This is thanks to your great interest.

On the cover of the present edition, you can see the Meusburger company grounds with the largest extension building in our history, which has since been completed. This is another milestone in the history of Meusburger (page 4). We are adding to our production facility with new machines and, at the same time, expanding our storage area.

These investments enable us to continue our growth: On the one hand, we are expanding our markets and on the other hand, we are broadening our range of products. For our customers, this development means better service and an even larger range of products to choose from – of course, all with the customary high quality and very short lead times. True to our motto 'everything from a single source', we are standing our ground as reliable partner for overcoming all kinds of challenges in tool and mould making (page 8).

By enlarging our facilities in Wolfurt, Austria, we are also creating a great number of workplaces: there will be over 100 new jobs in various departments. We now employ 670 members of staff – including 75 apprentices who are trained into a skilled workforce by our eight trainers. For our exemplary apprenticeship training,

the Hans Huber Foundation awarded us with its recognition prize (page 35).

Sustainability and the careful use of natural resources are among Meusburger's key concerns. You will find more information on how Meusburger contributes to protecting the environment on page 6.

The well-being of our staff is an important issue for us too. We implement various measures and activities to motivate our team because we are convinced that people who work with passion make better products which will satisfy our customers. In the spring of 2013, Meusburger was awarded the „salvus“ in silver for promoting healthy working conditions in an exemplary way (page 33). At this point I want to take this opportunity to thank all employees and staff for their commitment and their effort.

I would also like to say thanks to all our customers and partners for placing their trust in us during the past year. We will continue to expand and optimise our range of products and services. Just wait and see – we have quite some things in store for you for the future!

Enjoy the read! Kind regards,

Guntram Meusburger
Managing Director



Meusburger continues to grow (pages 4–5)

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Top quality and service (pages 8–9)



Meeting Meusburger close up (pages 10–11)



Apprenticeship at Meusburger (page 34–37)



Long live sport (pages 38–39)

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MEUSBURGER CONTINUES TO GROW

NEW BUILDING CREATES OVER 100 ADDITIONAL WORKPLACES

Following the 2010 expansion, Meusburger is again enlarging its facilities in Austria in 2013. With the extension building space is created for 100 additional workplaces in Production, Administration and Sales.

Meusburger's success story continues: by expanding its range of products and opening up new tool and mould making related markets, Meusburger was able to significantly increase

its turnover in 2012. In addition, the largest extension building in the company's history has just been completed and can now be occupied. Overall, Meusburger has invested EUR 8 million in the expansion of its facility.

EXPANSION TO ABOUT 50,000 M² TOTAL FLOOR SPACE

In recent months, a three-storey building has been created on the site of the former outdoor storage facility. Two of the three storeys are located below ground: they contain the underground car park with 120 parking spaces for members of staff, and the warehousing and order-picking and packing rooms. In addition, the new building accommodates a new production area. This means that the size of the facility has increased by 10,400 m² to a total of about 50,000 m² floor space.

"THE CONTINUING EXPANSION IN OUR MARKETS AND THE RESULTING INCREASE IN TURNOVER MADE IT NECESSARY TO EXPAND OUR FACILITIES."

Guntram Meusburger, Managing Director

FACTS

Extension building

Start of construction: March 2013

Investment: EUR 8 million

Additional workplaces: 100

Underground parking spaces: 120

Additional floor space: 10,400 m²



Construction work started in March 2013



The warehousing and order-picking facilities and the production areas were increased by a total of 10,400 m²



MORE SPACE FOR SKILLED STAFF

In order to supplement the dynamic team, the family-owned Austrian company is looking for additional skilled staff in various departments. *“Qualified and highly trained staff are an essential prerequisite for the competitiveness of any company”,* stresses Guntram Meusburger.

COMPREHENSIVE EMPLOYEE BENEFITS

New members of staff can expect state-of-the-art working conditions in a forward looking company as well as comprehensive employee benefits, a good working atmosphere, internal and external training and development, attractive leisure opportunities, a company canteen and free travel to work via approx. 30 mini buses.

FACTS

Meusburger Georg GmbH & Co KG
Wolfurt, Austria

- Products:** standard moulds for tool and mould making
- Turnover in 2012:** EUR 148 million (+14.5% compared to 2011)
- Sales offices in:** China, Turkey and the U.S.
- Members of staff:** 670
- Job opportunities exist in the following departments:** Production, Administration and Sales

For current details of job opportunities, see www.meusburger.com/job-opportunities

“OWING TO THE OPENING UP OF NEW MARKETS, WE ARE INCREASINGLY LOOKING FOR NATIVE SPEAKERS FOR OUR INTERNATIONAL MARKETS. SPECIALISTS IN TOOL AND MOULD MAKING ARE ALSO VERY MUCH SOUGHT AFTER.”

Roman Giesinger, Human Resources Manager



New members of staff can look forward to a state-of-the-art working environment and an agreeable working atmosphere



With the new building, about 100 new jobs will be provided. Native speakers for the international markets are high on the recruitment agenda



IN HARMONY WITH NATURE LESS CO₂ MEANS LESS POLLUTION OF THE ENVIRONMENT

Nowadays, sustainability and environmental protection are important subjects. Many companies consider environmental protection as just a cost factor. However, active environmental management can also save money and increase productivity.

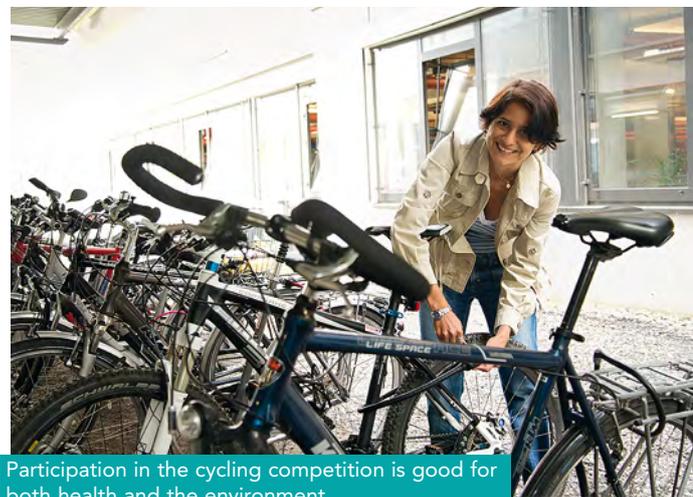
The careful use of natural resources and efficient use of energy have been key concerns of Meusburger for many years. The company not only meets the statutory requirements, but as a matter of course applies sustainable principles and uses energy-efficient plant technology to reduce any impact on the climate. The emissions resulting from our production methods are very low – ensuring that air and water pollution in our region is minimal. In addition, Meusburger supports many projects which contribute to the reduction of CO₂ emissions.

The new highly efficient cooling energy optimisation system helps create an agreeable climate at work



KEEPING A COOL HEAD

Over the past few years, Meusburger has been investing in highly efficient cooling systems. In 2012, a new cooling energy optimisation system was installed on the rooftop of the production hall. This installation alone reduces annual CO₂ emissions by about 210 tonnes. The new cooling system also helps create an agreeable environment for the staff.



Participation in the cycling competition is good for both health and the environment

FIT AND HEALTHY WITH EACH KILOMETRE

Every year, Meusburger takes part in the biking contest organised by the Federal State of Vorarlberg. This project was supported as part of the publicly funded *klima:aktiv mobil* transport program as a contribution to protecting the environment and climate. It gives our staff the chance to improve their health and at the same time protect the environment by using their bikes as much as possible. Anybody who had covered at least 100 km by bicycle between 15 March and 9 September 2013 was entered into a draw for attractive prizes. The competition is intended to motivate people in Vorarlberg to use a bicycle instead of a car, especially for shorter distances.

For further information please see www.fahrradwettbewerb.at

EXTENSION OF THE COMPANY MINI BUS NETWORK

About 30 minibuses are provided for our staff for travelling to work free of charge every day. In the summer of 2013, Meusburger extended its bus network with two additional bus lines. With this measure Meusburger is reducing annual CO₂ emissions by about 300 tonnes; the company has been a partner in the klima:aktiv mobil project for many years.

For further information please see www.tour.klimaaktiv.at



With the free transport to and from work, Meusburger is making an important contribution to protecting the environment and the climate

The JOB BICYCLES community campaign makes it easy for members of staff to travel from the station to work and back



"AS A FAMILY-OWNED COMPANY IN VORARLBERG, WE ARE AWARE OF OUR SOCIAL AND ECOLOGICAL RESPONSIBILITIES. WE PROTECT THE ENVIRONMENT WITH NUMEROUS MEASURES AND TAKE CARE OF THE HEALTH OF OUR EMPLOYEES."

Guntram Meusburger,
Managing Director

TO AND FRO WITH EASE – THE "JOB BICYCLE" MAKES IT POSSIBLE!

In a joint campaign with the companies Haberkorn-Ulmer, Integra, Doppelmayr and the Vorarlberg Transport Association, Meusburger has purchased "Job Bicycles". The bicycles are parked at Wolfurt train station and are intended to make it easier for members of staff travelling by train to make their way from the station to the company and back.

ONE MILLION PALLETS FOR MEUSBURGER

The workforce of Kaplan Bonetti work project – mainly long-term unemployed people who usually do not have any training or education and who very often battle with complex social problems – produces about one hundred thousand pallets per year for various industrial companies in Vorarlberg. Of these, the charitable company produces about 76,000 annually for Meusburger. After a 13 year partnership, this amounts to about a million pallets for the Austrian company. *"As a family-owned company, we are very aware of our social responsibility. For this reason, we have been supporting unemployed people for many years who find work in the Kaplan Bonetti work project"*, says Guntram Meusburger, Managing Director, who is full of praise for the work done by the workforce.



The workforce of the Kaplan Bonetti work project has produced one million pallets for Meusburger over 13 years. From left to right: Peter Mayerhofer (Managing Director, Kaplan Bonetti), Daniel Fuchs (Head of Logistics, Meusburger), Harald Rüdissler (Head of Joinery, Kaplan Bonetti)



TOP QUALITY AND SERVICE AHEAD OF THE COMPETITION WITH MEUSBURGER

Meusburger is the market leader in standard moulds. Over 10,000 prestigious customers worldwide benefit from the excellent service and the company's many years of experience in manufacturing high-quality standard parts. An extensive product range that is perfectly adapted to its customers' needs makes Meusburger the ideal partner for overcoming all kinds of challenges in tool and mould making.

MEUSBURGER STANDS FOR:



Reduced plate warping through high-quality steel, heat-treated for stress relief



"WE HEAT-TREAT ALL STEEL PLATES FOR STRESS RELIEF. THIS ENSURES MINIMAL DISTORTION OF THE MATERIAL PROCESSED BY OUR CUSTOMERS."
Edgar Baldauf, Production



Savings in time and costs as well as durable reliability based on strict quality guidelines



"BEFORE OUR PRODUCTS ARE SENT TO THE CUSTOMER, I TEST EACH WORKPIECE FOR DIMENSIONAL ACCURACY USING STATE-OF-THE-ART INSTRUMENTS."
Jürgen Pirsch, Quality Control



TOP SERVICE – EVEN OVER CHRISTMAS

Our in-house sales team is happy to take your orders during the Christmas period (except 24–26 and 31 December 2013); opening hours are Monday to Friday from 07.30 to 17.00 hours. A special skeleton service is in place even on most public holidays so that customer calls can be answered in person.

For detailed information please visit www.meusburger.com/contact-us



Optimum service through easy-to-handle ordering methods and competence at all levels



"FOR ME, THE NEEDS AND REQUIREMENTS OF OUR CUSTOMERS HAVE TOP PRIORITY."
Fátima Almeida,
In-house Sales – Portugal



Permanent availability of the products thanks to the industry's largest central warehouse for standard parts



"OUR STANDARD MOULD WAREHOUSE CONTAINS OVER 60,000 PRODUCTS FOR DESPATCH TO CUSTOMERS."
Stefan Scholtes (left) and Christian Fussenegger (right), Logistics



Very short lead times through optimised processes and excellent logistics networks



"I MAKE SURE THAT OUR CUSTOMERS RECEIVE THEIR GOODS IN THE SHORTEST POSSIBLE TIME."
Nadine Schlatter,
Order-picking

MEUSBURGER IN FIGURES...

Over 60,000
articles in the range

148
million EUR turnover
in 2012

75
Apprentices

92%
of turnover from exports

670
members of staff

Over 10,000
important customers worldwide

50
years of experience

18
languages in the CD
and online catalogue

50,000 m²
total floor space following expansion in 2013



MEETING MEUSBURGER CLOSE UP

INFORMATIVE USER MEETINGS AND IMPRESSIVE TRADE FAIRS

The "expert knowledge user meetings" have been a regular fixture in the Meusburger events calendar for several years. This year again, more than 1,200 specialists from all over Europe accepted the invitation from the Austrian standard mould manufacturer.

Meusburger's user meetings are primarily aimed at specialists in tool and mould making, as well as design engineers and injection moulders. The events in Germany, Austria and Switzerland were fully booked. Interesting lectures focusing on efficiency improvements and optimisation possibilities in tool and mould making were on the agenda. The delegates were a keen audience and went home with a positive impression and innovative solutions. In addition to the lectures, there was generous time for the experts to exchange information about their experience.

DESIGNER'S GATHERING

In April 2013 an encouragingly large number of designers and heads of design gathered at the designers' meeting in Wolfurt, Austria. Besides a number of practical lectures, visitors enjoyed a select social programme. "The day was a real success, offering a nice mixture of information and socialising" were the words of thanks from one of the participants.

THE "EXPERT KNOWLEDGE USER MEETING" GOES TO EUROPE

Encouraged by the success of the series of events, Meusburger is now continuing these throughout Europe. In the spring of 2013, the first user meetings were organised in France, Italy, Spain, Great Britain, Hungary, Romania, the Czech Republic and Turkey. Meusburger is very pleased with the wide interest in the "expert knowledge user meetings" and is sure to continue the successful series of events in 2014.

For dates, visit
www.meusburger.com/trade-fairs

More pictures are available at
www.meusburger.com/anwendertreffen



The lectures by specialists in the field provide new ideas and offer innovative solutions



Fully booked – the Meusburger user meeting in Stuttgart



Meusburger places great emphasis on leaving time for people to exchange ideas



Relaxed social evening at the Bregenzerwälder Käsehaus following the designers' gathering

COME TO VISIT MEUSBURGER AT ONE OF THE NUMEROUS TRADE FAIRS – IN 18 COUNTRIES AROUND THE GLOBE

Regional and international trade fairs are an ideal platform for Meusburger to present new products and make personal contact with customers.

For Meusburger it is important to be present at all events that are relevant for the industry. This way it is possible to introduce new product lines and additions to the range to a wide professional audience. However, direct contact and



Excellent hospitality and friendly service

personal conversations with customers have top priority.

“Our field sales staff do an excellent job in preparation for the trade fairs by inviting many of our customers to the Meusburger stand. And the beautiful thing is – the visitors are delighted again and again with our products and the friendly all-round service provided by our members of staff”, says Armin Chiesola, Head of Sales at Meusburger.

In 2014, Meusburger will again be represented at many specialist trade fairs. The team is already looking forward to welcoming you to our stand. Ask for your free ticket to the trade fair! Simply register at www.meusburger.com and request your ticket.

“WE ARE VERY HAPPY WITH THE NUMBER OF VISITORS AT THE TRADE FAIRS AND WOULD LIKE TO TAKE THIS OPPORTUNITY TO THANK ALL THOSE WHO CAME TO SEE US.”

Andreas Sutter,
Head of Marketing



The Meusburger stand: an extremely popular meeting point for people in the industry



Partners

THE SKILLED WORKFORCE OF THE FUTURE MEUSBURGER SUPPORTS EDUCATIONAL ESTABLISHMENTS

For Meusburger, the best possible support of educational establishments is high on the agenda. The cooperation with the Dillenburg further education colleges is a partnership that benefits both sides.

At the Dillenburg further education college, young people are trained in tool-making as well as in many other trades. In close cooperation with the companies in the Dillenburg region, students acquire in-depth and practical knowledge in the fields of mould technology, and punching and forming technology. The training lasts 3.5 years during which the students visit the vocational college for one or two days a week.

COOPERATION WITH MEUSBURGER

The visit to Meusburger was a highlight for the vocational students. They were given an overview of the production process of quality standard moulds and were able to talk to Meusburger’s apprentices. The “Dillenburg Forum”, which is organ-

ised by the further education colleges, is another good example of this cooperation. In the Forum, Meusburger supports the colleges with specialist lectures and technical material.

INVESTMENTS FOR THE FUTURE

“This is a worthwhile investment for the future. We know exactly how important a well trained skilled workforce is for companies in the field of tool and mould making. This skilled workforce makes it possible to continue producing tools and

moulds of the very best quality in future”, explains Andreas Sutter, Head of Marketing at Meusburger.

“THANKS TO THE SUPPORT FROM COMPANIES SUCH AS MEUSBURGER WE CAN CONVEY PRACTICAL EXPERT COMPETENCE TO THE TRAINEES IN THE BEST POSSIBLE WAY.”

Burkhard Schneider,
Head of Metalworking (Dillenburg further education colleges)



Students of the Dillenburg further education colleges on their visit to Meusburger



"THE VISIT HAS STRENGTHENED OUR TRUST IN THE COMPANY AND WE ARE EVEN MORE CONFIDENT ABOUT WORKING WITH MEUSBURGER'S PRODUCTS."
 Diogo Pombeiro Alexandre,
 Works Manager (Lisimolde Group, Portugal)

A GLANCE BEHIND THE CURTAIN CUSTOMERS FROM ALL OVER THE WORLD ON A VISIT TO MEUSBURGER

Meusburger welcomes visitors at any time. In the first six months of 2013, more than 450 people from 135 companies have already made use of the opportunity to visit this modern family-owned company. During an informative tour of the works customers gain an insight into the modern production processes, the company history and can visit the large Meusburger warehouses.

Visitors have been coming from a wide range of countries such as Italy, France, Spain, Portugal, the Czech Republic, Great Britain, Poland and Turkey to visit Meusburger's production facility in Wolfurt, Austria. *"In addition to the perfect organisation of our stay and the impressive experience of the production processes, one of the most interesting aspects was the training workshop. The workshop is equipped with state-of-the-art machinery which was purchased especially for this purpose and gives many young apprentices the opportunity to learn and work",* was the unequivocal opinion of the visitors from Hager Electro SAS, France.

YOU ARE ALSO WELCOME TO LOOK BEHIND THE CURTAIN

Meusburger are happy to help you organise your stay with us. If you are interested in a tour of the works, please send your request to sales@meusburger.com

THE VDWF BARBECUE

On 13 July 2013, the barbecue of the Association of German Tool and Mould Makers (VDWF) took place for the first time in Austria, at Meusburger.

The 110 members of the VDWF were offered a varied program. After the guests were welcomed with some culinary delights, the social program got underway which, amongst other things, offered the opportunity to go to the largest stage on a lake – that of the Bregenz Festival. This was followed by an exclusive tour of the Meusburger works with its impressive production facilities and warehousing. A highlight of the day was the opening of the delicious grill and salad buffet. It was a perfect day with bright sunshine, good conversation and a sensational view of the surrounding mountain scenery.



Meusburger welcomes visitors at any time



Prof. Dr. Thomas Seul, President of the VDWF (right) with Guntram Meusburger, Managing Director (left)



CLOSER TO THE CUSTOMER

MEUSBURGER SUPPLIES OVER 56 COUNTRIES WORLDWIDE

Meusburger has developed from a small local company into one of the world's leading manufacturers of standard moulds for tool and mould making. Thanks to its innovative strength, know-how and many years of experience, the company today has a workforce of more than 670 and is active in more than 56 countries. For some time now Meusburger has been very successfully represented, with sales offices in China, Turkey and in the United States.

Since August 2013, Emine Kurtulus, an experienced member of staff, has been supporting the in-house sales team in Istanbul. After almost three years at company headquarters in Wolfurt, Austria, she is taking the plunge and emigrating for one year – together with her husband - in order to live and work in Istanbul. "Initially I had not counted on the option of being able to continue working for Meusburger. I am very grateful for the fact that, thanks to Meusburger, I can combine my private and professional lives. For this reason, I am really looking forward to the new challenge and to being able to support the sales office with my knowledge and experience", says Emine Kurtulus.

"FOR US, THE DIRECT AND PERSONAL CONTACT WITH CUSTOMERS IS VERY IMPORTANT. WITH SALES OFFICES IN THE RESPECTIVE LOCATIONS, WE ARE ABLE TO FOCUS MUCH BETTER ON OUR TARGET MARKETS AND RESPOND TO OUR CUSTOMERS' SPECIAL REQUIREMENTS AND NEEDS."

Guntram Meusburger, Managing Director

STRENGTHENING OF THE SALES OFFICE IN ISTANBUL

In order to be in closer contact with its Turkish customers, Meusburger has had a sales office in Istanbul for the last two years. To meet the increasing demand, there are now six members of staff serving Turkish customers as in-house and field representatives.

SALES OFFICES

- China:** 2 field sales representatives
3 in-house sales assistants
- Turkey:** 3 field sales representatives
3 in-house sales assistants
- USA:** 2 field sales representatives
2 in-house sales assistants

www.meusburger.com/locations



Now, Emine Kurtulus (5th from left) can look after her customers in Turkey directly on site in Istanbul

EVERYTHING FROM A SINGLE SOURCE

QUALITY STANDARD MOULDS AND NOW ALSO WORKSHOP EQUIPMENT FROM MEUSBURGER

With its specific focus on the industry, Meusburger has developed into a successful supplier of standard moulds. In addition, the full-range supplier offers everything needed for the day-to-day processes in tool and mould making. As well as the large range of standard moulds, the company now also supplies workshop equipment such as erosion accessories, cutting tools and consumables.

vides its customers with a clear competitive advantage. The overall package is perfectly suited to the needs of tool and mould makers.

more for its customers. This helps the tool maker concentrate on his core competence: the making of cavities.

"OUR OBJECTIVE IS TO BE A FULL-RANGE SUPPLIER FOR TOOL AND MOULD MAKERS."
Andreas Sutter,
Head of Marketing

EASY ORDERING USING THE MEUSBURGER CD CATALOGUE

With the help of the digital catalogue, designers can create standard moulds or die sets with just a few clicks and then adopt the CAD data into their own system. In order to ensure efficiency across the board, Meusburger provides interfaces to all common CAD systems.

PERFECTLY ADAPTED PRODUCT RANGE

With its special range of products and additional services such as stress-relieving heat treatment, its ability to supply from stock and digital media, Meusburger pro-

SPECIAL SOLUTIONS FOR GREATER EFFICIENCY

In view of the trend towards more customer-specific applications, Meusburger also carries out pocket milling, 3D rough machining, deep hole drilling and much

For further information please see www.meusburger.com



Meusburger's H 1000 clamping system supports fast, effective and precise work with high repeat accuracy



Range of cutting tools specially selected to suit customers' requirements: milling cutters, drills, threading tools and reamers



The comprehensive range of high-grade electrical connectors, housings and limit switches is immediately available from stock



Product range of surface finishing tools: rotary burs, mounted points, files, abrasive belts, polishing stones, brushes, polishing felts and polishing agents



High-grade consumables for tool and mould making: high-performance lubricants, cleaning agents and preservers



The innovative Meusbürger H 4062 assembly table facilitates tool repair and assembly work. NOW also available measuring 796 x 1496



High-quality erosion accessories made of electrolytic copper and spark erosion graphite in grades Q40, Q60 and Q70

Numerous lifting tools such as eye bolts, lifting hooks, transport brackets and transport locks for safe handling in operation, transport and storage

CUTTING TOOL TESTS TKV USES MEUSBURGER PRODUCTS

TKV Thermoform GmbH – a competent mould maker and reliable supplier of injection moulded parts – supports its customers throughout the process, from the idea through to the plastic component. *“We make about 60 moulds and produce about 60 million parts per year. This is why we need suppliers who are reliable partners – like Meusbürger, which has a high-quality range of products and delivery times as short as one day, which enables us to reduce our own lead time to a minimum”*, says Werner Siegert, Managing Director of TKV Thermoform GmbH.

“THE PRICE/PERFORMANCE RATIO OF MEUSBURGER’S MILLING CUTTER IS JUST RIGHT. IN ADDITION, THE CARRIER MATERIAL OF THE MILLING CUTTER IS SO GOOD THAT RE-GRINDING THE CUTTING TIP IS EASY AND YIELDS EXCELLENT RESULTS.”
Andreas Lindae, Head of Toolmaking (TKV Thermoform GmbH)



Source: NFC, April 2013

CUSTOMISED DESIGN LABELS FOR OPTIMAL TOOL IDENTIFICATION

Now Meusbürger customers can design their labels exactly as required. Meusbürger's online Label Designer makes it possible – simply and quickly.

Users can choose from nine different sizes of plaques from the Meusbürger online catalogue and arrange picture and text elements – such as their own company logo and mould dimensions – within a defined area.

The labels are made from aluminium and are available with a white or silver coating. The high-grade, photo-quality printing even makes it possible to print legible EAN codes.

For further information please see www.meusbuerger.com

"FOR US, THE MEUSBURGER LABEL IS AN EXCELLENT MEANS FOR MARKING HIGH-QUALITY TOOLS WITH IMPORTANT DATA."

Marcus Ehlenbröcker, Managing Director
(Werkzeugbau Ehlenbröcker GmbH, Hille)

www.wzb-ehlenbroecker.de



» MANY DESIGN OPTIONS

» NINE DIFFERENT SIZES

» HIGH-QUALITY PRINTING

P/PR – SPECIAL PLATES HEAT-TREATED FOR STRESS RELIEF AND IN THE USUAL HIGH QUALITY

In addition to its range of standard plates, Meusbürger also offers high-quality special plates in customer-specific dimensions and in different versions. The different versions vary by the type of machining. All plates are of course heat-treated for stress relief and machined to very tight tolerances.

PR CIRCULAR SPECIAL PLATES

ADVANTAGES FOR THE CUSTOMER

- » Circular plates from **high-grade steel that has been heat-treated for stress relief, in customised dimensions**
- » Available in **milled, segment ground or precision ground thicknesses**
- » On request, plates can be supplied **with chamfers**

Maximum workpiece dimensions

Diameter: max. 1,500 mm
Thickness: max. 500 mm
Weight of plate: max. 1,500 kg



P SPECIAL PLATES

ADVANTAGES FOR THE CUSTOMER

- » Special plates in **various dimensions, materials and versions**
- » **Heat-treated for stress relief and in the usual high quality**
- » If desired, available with **eye bolt threads or deep hole drilling**



NOT ALL STEEL IS THE SAME

Depending on application and use, the selection of the right material plays a critical role. Meusburger's raw materials stock includes numerous thicknesses and material grades. Materials are supplied by the best-known steelworks only. For many diverse applications, Meusburger's customers benefit from a large range of plates and bars made of high-quality steel that has been heat-treated for stress relief. Very short lead times are the guarantee for minimising costs throughout the whole production process.

1.0577

DIN: S 355 J2 (St 52-3)
AFNOR: A 52 FP
AISI: A738

1.1730

DIN: C 45 U
AFNOR: XC 48
AISI: 1045

1.2083

DIN: X 42 Cr 13
AFNOR: Z 40 C 14
AISI: 420

1.2085

DIN: X 33 CrS 16
AFNOR: Z 35 CD 17.S
AISI: ≈ 422+S

1.2162

DIN: 21 MnCr 5
AFNOR: 20 MC 5
AISI: 5120

1.2210

DIN: 115 CrV3
AFNOR: 100 C3
UNI: 107 CrV3 KU
AISI: L2

1.2311

DIN: 40 CrMnMo 7
AFNOR: 40 CMD 8
UNI: 35 CrMo 8 KU
AISI: P20

1.2312

DIN: 40 CrMnMoS 86
AFNOR: 40 CMD 8.S
AISI: P20+S

1.2316

DIN: X 38 CrMo 16
AFNOR: Z 35 CD 17
UNI: X 38 CrMo 16 KU
AISI: ≈ 422

1.2343/

1.2343 ESU (ESR)

DIN: X 38 CrMoV 51
AFNOR: Z 38 CDV 5
UNI: X 37 CrMoV 51 KU
AISI: H11/H11 ESR

1.2344

DIN: X 40 CrMoV 5-1
AFNOR: Z 40 CDV 5
UNI: X 40 CrMoV 5-1 KU
AISI: H13

1.2379

DIN: X 155 CrVMo 121
AFNOR: Z 160 CDV 12
UNI: X 155 CrVMo 12.1 KU
AISI: ≈ D2

1.2714

DIN: 56 NiCrMoV 7
AFNOR: 55 NCDV 7
AISI: L6

1.2714 HH

DIN: 56 NiCrMoV 7
AFNOR: 55 NCDV 7
AISI: L6

1.2738

DIN: 40 CrMnNiMo 8-6-4
AFNOR: 40 CMND 8
AISI: ≈ P20 + Ni

1.2767

DIN: 45 NiCrMo 16
AFNOR: 45 NCD 16
UNI: 40 NiCrMoV 16 KU
AISI: 6F7

1.2842

DIN: 90 MnCrV 8
AFNOR: 90 MV 8
UNI: 90 MnCr 8 KU
AISI: ≈ O2

1.7131

DIN: 16 MnCr 5
AFNOR: 16 MC 5
AISI: 5115



You can find the complete material list at www.meusburger.com



EXPANSION OF ELECTRICAL COMPONENTS RANGE MORE ACCESSORIES FOR YOUR TOOLS

LIMIT SWITCHES WITH ACCESSORIES

Since the end of 2012, Meusburger has been supplying high-quality limit switches in sturdy aluminium housings and proximity switches with non-contact scanning on moving parts on the tool: Meusburger also offers a wide range of cables for all limit and proximity switches. The products are hardwearing and are designed for a long service life.



ELECTRICAL CONNECTORS AND HOUSINGS

Other new items in the range are cable housings from structurally stable and temperature-resistant die-cast aluminium, which are either unfinished or fully completed on the connector side. These high-quality connector housings are designed to suit the cable housing; they can be supplied in numerous versions and are available immediately from stock with multi-pole male and female inserts.



NEW PRODUCTS FOR MOULD MAKING

Meusburger is continuously adapting its product range in order to meet its customers' needs. Below are some highlights of the extended range of products with their respective advantages. The complete range can be found at www.meusburger.com

E 2120 AND E 2122 SPIRAL CORES

- » **Uniform temperature distribution** through of cooling close to contours
- » Less reworking required through single-threaded spiral cores with **integrated vertical bore**
- » **Immediately available from stock** in diameters 12 to 50 mm

WZB 32112 COUNTERSINK FOR O-RINGS

- » **Quick and simple** cutting of O-ring grooves
- » The groove's **surface** is **ideally suited** for O-ring seals
- » Optionally **available with pilot** WZB 32113

FB 50 SLIDE CORE, FINISHED, IN GRADE 1.2714HH (~43 HRC)

- » **No further heat treatment required**
- » Even **shorter lead times** when manufacturing sliding core moulds
- » **Easily machinable** despite the material's hardness (~43 HRC)

E 2000 FITTINGS (M9X1 AND M11X1)

- » **Fewer work steps** required because the cooling bore and the tapping drill hole have the same diameter
- » The fittings are **compatible with European standard**
- » **Immediately available from stock**

PRECISION GAUGE TAPES AND REFERENCE SHEETS

- » **Simplify the adjustment** of slide units in injection moulds
- » **Help align** the work pieces on surface grinding and milling machines
- » **Ideal for adjusting the length** of cutting punches and cutting dies in punching tools

15 NEW MOULD SIZES UP TO 996 X 1196

- » Larger range: customers can now choose from **113 different mould sizes**
- » Available as **F – Plates** (with holes) and **P – Plates** (without holes)
- » Also available: **matching E – Accessories** for the new 66 mm fitting diameter



FW 50 AND FW 52 CHANGE INSERTS IN GRADE 1.2714HH (~43 HRC)

- » No further heat treatment required
- » Reduced processing times for the production of inserts
- » Easily machinable despite the material's hardness of ~43 HRC
- » Immediately available from stock

COOLANT HOSES AND ACCESSORIES

- » Available in various colours to allow easy distinction between the connectors
- » Matching ferrules enable perfect crimping onto the hose nozzle
- » Can be used with the existing cooling elements without any problem

E 20709 EXTENSION TUBES FROM STAINLESS STEEL

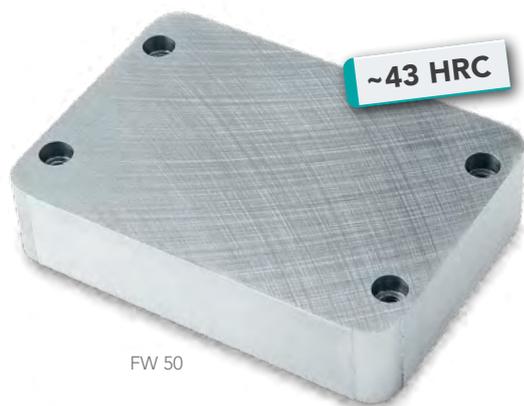
- » Ideally suited for very small cooling circuits inside a mould core
- » For mould cores with small cross sections
- » Wide range of tubes for all kinds of applications in the field of mould cooling
- » Immediately available from stock

H 4062 ASSEMBLY TABLE NEW SIZE 796 X 1496

- » Efficient operating due to easy handling
- » Greater safety for operators and better protection for the tools
- » Helps save time and money through reduced fitting times
- » CE Certification to European Machinery Directive 2006/42 EG

» A total of over 60,000 articles in the range

» Can be ordered as usual from the Meusbürger CD and online catalogue



FW 50



E 2182

E 2190

E 2192

E 2180



E 20709



H 4062

NEW PRODUCTS FOR PUNCHING TOOLS

As system supplier for punching tool construction, Meusburger is continually expanding its product range. This helps customers to achieve competitive advantages in tool construction in the long term. All products and their respective advantages can be found in the new "Punching tool construction 2014" catalogue as of the Blechexpo 2013 exhibition.

E 5190 AND E 5192 PILLAR AND BUSH RETAINER PLATES

- » Ideally suited for punching tools with high installation heights
- » **Space-saving installation** owing to compact outer dimensions and countersunk screw holes
- » **Perfect tolerances** enable precise fitting of guide elements



E 5130 BRONZE SLIDING GUIDE BUSH WITH SOLID LUBRICANT AND COLLAR

- » **Best emergency operating features** as a result of graphite inserts for a moderate number of strokes
- » **Can be combined with all guide pillars**
- » Bush and retainer **interchangeable in acc. with DIN 9834/ISO 9448**



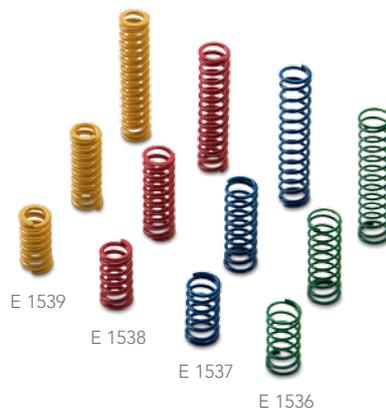
E 5251 CAGE RETAINER, SHORT

- » **Enables individual positioning of the ball cage** while the guide pillars are moving out
- » **Many combination options** owing to different sleeve lengths
- » Immediately **available from stock** as individual components or as a complete unit



SPACE-SAVING, ROUND-WIRE SYSTEM COMPRESSION SPRINGS

- » Ideal for small **installation spaces**
- » The four different spring loads can be easily distinguished through **different colours**
- » **Simply interchangeable** owing to identical fitting dimensions
- » Immediately **available from stock** in convenient sets of 10



STANDARD ALUMINIUM DIE SETS IN GRADE 3.4365 (EN 7075)

- » Our tried-and-tested **SV standard die sets** and **SP precision die sets** can now also be supplied in **high-strength aluminium**
- » Ideal for **reducing the inertia** during the punching process
- » **Simple and effortless handling** when servicing punching tools

NEW CATALOGUE: PUNCHING TOOL CONSTRUCTION 2014

Whether you are looking for single components or a complete die set – you can be assured of finding it in the catalogue for punching tool construction. The brand new issue will be available as of the Blechexpo 2013 exhibition.



Order now from our online catalogue www.meusburger.com



GRASS's progressive die – constructed using two Meusburger SP precision die sets

SET IN MOTION BY GRASS

MEUSBURGER'S TOTAL PACKAGE GETS GREEN LIGHT FROM GRASS

A globally operating successful group of companies, a fresh brand with tradition and an extraordinary range of perspectives – that is the GRASS Group. The company is one of the world's leading specialists for movement systems. As development partner and system provider to the furniture industry, GRASS has been providing exciting products and services for customers for more than 65 years. GRASS slide and drawer systems, and hinge, flap and corner cabinet systems, are products of the highest quality that move the furniture of well-known brands.

PRODUCT LEADERSHIP AS A LIVING VISION

Special design concepts are the distinguishing feature of leading furniture

brands and creative craftsmen. It is a declared part of the GRASS philosophy to provide support to its customers for these concepts. For this reason, the design of the GRASS movement systems is complex: on the one hand movements have

"PROJECT LEAD TIME CAN BE SIGNIFICANTLY REDUCED THROUGH FAST DELIVERY OF THE ITEMS REQUIRED FOR DIE SETS."
GRASS GmbH

to be created that feel good, that underscore the value of the materials used and, on the other hand, functionality, ergonomics and innovative developments have to support the added value of premium brands. GRASS wants to provide its customers with ever new possibilities

to differentiate themselves in the market, and to offer distinctive furniture ranges. It goes without saying that both furniture makers and consumers can rely on excellent product quality.

MEUSBURGER'S TOTAL PACKAGE APPEALS

The interplay of quality, price and delivery time is a key factor for GRASS in its cooperation with suppliers and partners. This is the only way of effectively reducing project costs. In addition, it is very important to have good service and personal contact, also for technical questions. GRASS has been a customer of Meusburger's total package since 2004. Project lead time can be significantly reduced through fast delivery of the items required for die sets.



reddot design award
winner 2010

"WE ARE A WORLDWIDE LEADING DEVELOPER AND MANUFACTURER OF FUNCTIONAL MOVEMENT SYSTEMS FOR HIGH-QUALITY FURNITURE." GRASS GmbH



FACTS

GRASS GmbH
Höchst, Austria

Founded in: 1947

Production facilities: a total of 7 facilities in Austria, Germany, the Czech Republic and the USA

Members of staff: 1,700 worldwide

Turnover: EUR 299 million (2012)

www.grass.eu

FROM PRODUCT DESIGN TO MANUFACTURE

INNOVATIVE COMPANY IS IMPRESSED BY MEUSBURGER

The family-owned Slovenian company DAG d.o.o. Koper specialises in the production of injection moulding tools, 2-component and prototype moulds up to a size of 600 x 800 mm. Meusburger is among its reliable partners.

CONTENT CUSTOMERS, BOTH HOME AND ABROAD

After the Yugoslavian market crashed in 1990, DAG d.o.o. Koper started manufacturing moulds for home and foreign – mainly German – customers. Its high-grade products, highly specialised and qualified personnel and precise way of working make the company a reliable partner from product design through to the final production.

“ONE MAIN ADVANTAGE IS THAT WE CAN COMMUNICATE WITH MEUSBURGER IN OUR OWN LANGUAGE (SLOVENIAN).”

Rok Draščič, Designer (DAG)

DAG d.o.o. Koper continues to invest in new assets and the education of its growing team. This ensures a consistently high level of quality.

SUPPORTED BY MEUSBURGER

Due to its short lead times, the high quality of its products and the good relationship with the company and its employees, Meusburger numbers among the reliable partners of DAG d.o.o. Koper.



Working with the Meusburger assembly table



FACTS
DAG d.o.o. Koper
Koper, Slovenia

Founded in: 1982
Members of staff: 20
Turnover: EUR 1–1.5 million
Customers: electrical, furniture and automotive industry, household appliances, telecommunications
www.dag.si



Production area of DAG d.o.o. Koper in Slovenia

PAKULLA USES STATE-OF-THE-ART TECHNOLOGY

THE MEUSBURGER H 1000 CLAMPING SYSTEM REDUCES SETTING UP TIME

The young dynamic Pakulla GmbH in Bergisch Gladbach (Germany) guarantees top quality in the shortest time based on state-of-the-art software and automation solutions. The product range comprises plastic, rubber and rubber/metal tools.

PERFECT SOLUTIONS

At Pakulla, well-trained and experienced staff – supported by sophisticated tech-

nology – are involved in the design, planning, engineering and manufacturing of products. Pakulla GmbH's competent advice, precise production output and delivery reliability convince their long-term customers.

SOPHISTICATED REQUIREMENTS

The increasingly sophisticated requirements in the industry can only be met through continuous modernisation. With state-of-the-art software solutions in both engineering design and administration, and automation solutions for their machinery, Pakulla GmbH manages to achieve timely control of all processes, the minimisation of errors in the production process, and cost control.

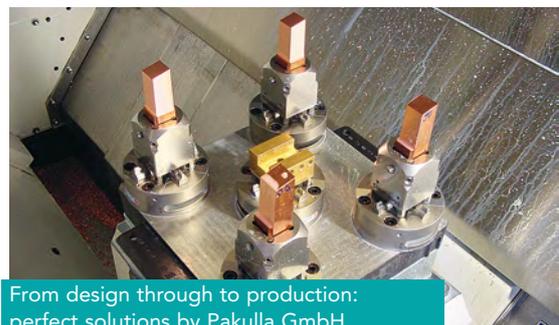
SEVERAL MEUSBURGER H 1000 CLAMPING SYSTEMS IN OPERATION

By using the multi-functional Meusburger H 1000 clamping systems, Pakulla benefits from faster setting up times and more flexible machining options. Meusburger's

competent advice from its friendly and flexible staff, fast delivery times and high product quality mean that the company has preferred supplier status.



Several Meusburger H 1000 clamping systems in operation



From design through to production: perfect solutions by Pakulla GmbH



FACTS
Pakulla GmbH
Bergisch Gladbach, Germany

Founded in: 1977; sole proprietor until 1995; from 1995 to now GmbH
Members of staff: 32
Tools made per annum: approx. 150
Turnover: EUR 2.8 million (2012)
Customers: automotive, electrical engineering and medical technology
www.pakulla.de

Shaping steel.

The catalogue for the machine
and jig construction sector

170 pages that help
save time and money



We offer our customers from the machine and jig construction sector a wide range of **heat-treated, stress-relieved plates and bars** for many different applications. In addition we also offer **machining according to customer specifications**. You can now find the complete range in Meusburger's catalogue for the machine and jig construction sector.



» www.meusburger.com

meusburger.com

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T 00 43 (0) 55 74 / 67 06-0 | F -11 | sales@meusburger.com | www.meusburger.com



"MEUSBURGER'S MATERIAL, WHICH IS HEAT-TREATED FOR STRESS RELIEF, HELPS US REDUCE THE MACHINING TIME IN PRODUCTION."
Heiko Stahl, Head of Logistics (EWIKON)

HOT-RUNNER COMPETENCE AT ALL LEVELS

EWIKON RELIES ON FAST PROCESSING BY MEUSBURGER

EWIKON is one of the leading international manufacturers of hot-runner system solutions for the injection moulding industry. The systems are in use all over the world and ensure reliable production processes. Special features of the company are its innovative products, top quality and first-class customer service.

PRODUCTS FOR SOPHISTICATED APPLICATIONS

The EWIKON product range includes a comprehensive selection of reliable and service-friendly standard systems with a wide range of gate options. The superior manifold technology guarantees a fully balanced direction of the molten material even in very demanding applications with many cavities. Valve gate systems with pneumatic, hydraulic or electrical operation, effective solutions for direct side gating, special systems and a complete selection of state-of-the-art control technology round off the product range.

CUSTOMISED SOLUTIONS

Customers benefit from a distinct competitive advantage when introducing new technology or optimising existing concepts by using customised EWIKON hot-runner solutions which fit

perfectly into the respective tool concept. First-class customer service with advice and support in designing the tool layout, help with commissioning and fast and worldwide on-site service guarantee a smooth process.

HIGHLY INNOVATIVE

EWIKON maintains an in-house development department with 12 permanent members of staff and dedicated prototype production. The company can look back over a high number of innovative developments, which in many cases have also sparked developments throughout the entire injection moulding industry.

SMOOTH COOPERATION WITH MEUSBURGER

"It is imperative for the production process that the raw material arrives on time for the start of production. Meusburger excels with its swift processing of enquiries and short delivery times. This applies to both P – Plates and special dimensions. In particular we appreciate the good partnership and cooperation which has developed over time with Meusburger", says Heiko Stahl, Head of Logistics at EWIKON.



A large proportion of EWIKON systems are supplied as complete "hot halves" (standard mould with integrated hot-runner system on the hot-runner side)

FACTS

EWIKON Heißkanalsysteme GmbH
Frankenberg, Germany



Founded in: 1979

Facilities: head office, production and development in Frankenberg; subsidiaries in Great Britain, Japan and China

Members of staff: 250 worldwide (of which 225 in Frankenberg)

Customers: medical technology, packaging technology, automotive industry, technical parts, household goods, toy industry
www.ewikon.com

FOCUS ON QUALITY

MEUSBURGER PRODUCTS ARE ALSO APPRECIATED IN BULGARIA

Arexim specialises in mould making and injection moulding (including three-component injection moulding), assembly of units and sub-assemblies, ultrasonic welding, pad and hot printing. The Bulgarian company takes on fresh challenges by investing in its people, resources and equipment in order to expand its production capacity.

inForms: Why do customers appreciate your products?

Our customers appreciate our know-how in the field of mould making and the complete service we provide, starting with the design through to the mould and to the final plastic part.

inForms: What are the company's factors for success?

Qualified members of staff and top customer care are high on our agenda. In addition, the design of complicated tools, strict quality control and very good technical equipment are important elements that ensure our success.

inForms: Which are the main criteria when choosing a supplier?

Our main criteria are the high quality of the products, short lead times, competitive prices and reliability.

"MEUSBURGER STANDS OUT DUE TO THE HIGH QUALITY OF ITS PRODUCTS."

Anastas Kiryanov, Designer (Arexim)

inForms: How does Meusburger support you in your production process?

By providing plate systems and accessories of outstanding quality, which helps us comply with our high standards.



Success through qualified staff and state-of-the-art equipment

FACTS

Arexim Engineering Ltd.
Smolyan, Bulgaria

Founded in: 1991

Members of staff: 413

Turnover: EUR 16.6 million

Customers: automotive, electrical and medical engineering, household appliances, sports equipment

www.alexim.bg



Formconsult Werkzeugbau GmbH produces tools for demanding applications



Top priority is precision down to the last detail

PRECISION TOOLS BY FORMCONSULT

SUCCESS IS GUARANTEED THROUGH QUALITY STEEL HEAT-TREATED FOR STRESS RELIEF

At its facility in Schmalkalden, Germany, Formconsult produces precision injection moulding tools, offering its customers confidence and reliability, from the initial idea through to production and final inspection of the tool.

OPTIMISED PROCESS

Highly qualified members of staff, dedicated project management and a high degree of in-house production are the basis of Formconsult's success. Formconsult draws on many years of experience at the initial stages of developing and designing tools. Once the tools have been designed, they are manufactured on

the company's state-of-the-art machinery. An in-house technology and inspection centre guarantees short throughput times and long service life, with minimal maintenance requirements.

WIDE RANGE OF PRODUCTS FROM MEUSBURGER

Prerequisites for high product quality are the use of quality steel and high-precision mould plates and inserts with low-warping characteristics. In addition Meusburger has an extensive range of products and guarantees simple ordering via the well-arranged CD catalogue.

FACTS

Formconsult Werkzeugbau GmbH
Schmalkalden, Germany

Founded in: 1991

Members of staff: 48
(including 6 trainees)

Tools made per annum: 50–60

Turnover: EUR 3.8 million

Customers: automotive, electrical engineering, medical, household goods and sports equipment

www.formconsult.de



PARAGON – OVER 40 YEARS IN THE MAKING MEUSBURGER STANDARD PLATES REDUCE PRODUCTION TIME

Since 1969, Paragon Toolmaking has been a leading designer and manufacturer of press tools, injection moulds, jigs and fixtures. The company provides bespoke tooling solutions to many of the world's leading manufacturers and first-tier suppliers within the automotive, aerospace, white goods, pharmaceutical and medical industries.

Paragon provides customers with their expertise from concept all the way through

to manufacture. Drawing upon 40 years' experience as tool makers they can suggest ways of improving and streamlining production processes, resulting in more cost effective and innovative tooling.

MEUSBURGER – THE PREFERRED SUPPLIER FOR OVER A DECADE

Designing press tools and elements such as risers, punch pads and stripper plates with Meusburger standard plates in mind, the company is able to reduce manufacturing time whilst maintaining the

highest standard in quality. Paragon also takes advantage of Meusburger's 'special size' machined plates from heat-treated, stress-relieved steel. Technical Sales Manager Allan Haagenen explains: "Using high-quality stress-relieved steel allows us and our customers to save time and money. This along with easy ordering methods and reliable, on-time delivery service is one of the main reasons why we continue to rely on Meusburger".



Competent and innovative tool making at Paragon



FACTS

Paragon Toolmaking Co Ltd
Hull, Humberside, United Kingdom

Founded in: 1969
Members of staff: 26 + 3 trainees
Number of tools designed per annum: 60
www.paragontoolmaking.com

LEADING PROVIDER OF ENGINEERING DESIGNS DIGITAL MEDIA BY MEUSBURGER SIMPLIFIES THE WORK PROCESS

ibb Konstruktionsdienstleistungs GmbH has developed into one of the leading companies in the industry. Over 350 members of staff support customers in questions of engineering design – in different industries, with top professional competence and at the highest level.

With more than 30 engineering designers, ibb is set up to deal with up to six tools simultaneously. The company specialises in the 3D CAD systems Creo Parametric [Pro/ENGINEER], CATIA

V5 and SIEMENS NX. Customers obtain professional project support and customised technical solutions based on the systematic application of these programs, many years of experience and regular and extensive training of its members of staff.

RELYING ON MEUSBURGER'S DIGITAL MEDIA

The engineering designers at ibb like to work with the well-arranged Meusburger CD or online catalogue. The required CAD models can be quickly found and the data adopted into the engineering design. That results in savings in time and money, which of course also benefits ibb's customers.

"OUR CONTACT AT MEUSBURGER ALWAYS REACTS QUICKLY AND COMPETENTLY TO OUR ENQUIRIES. WE ARE TAKEN SERIOUSLY AS A SERVICE PROVIDER AND OUR COMMUNICATION IS LIKE THAT BETWEEN TRADE PARTNERS."

Ilja Stiehler, Head of Engineering Design (ibb)



ibb Konstruktionsdienstleistungs GmbH – professional competence at the highest level

FACTS

ibb Konstruktionsdienstleistungs GmbH
Petersberg/Fulda, Germany

Founded in: 1995
Facilities in: Petersberg, Gotha, Jena, Düsseldorf, Hamburg, Ulm
Tools made per annum: approx. 95 in 2012 (2011: approx. 65)
Customers: automotive, medical technology, aerospace industry, white goods, optical industry
www.ibb-konstruktion.de



Your reliable partner for tool and mould making

High-precision measuring
equipment and gauges
as of Euromold 2013

- » High-precision measuring equipment and gauges for **measuring with repeatable accuracy**
- » **Well-known manufacturers** represent high-quality and long-life products
- » **Perfectly adapted** for all requirements in tool and mould making
- » All products **immediately available from stock**



» www.meusburger.com

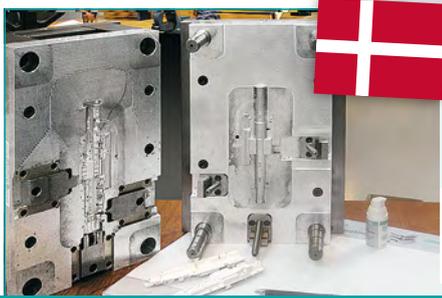
As of Euromold 2013, you will find the new measuring equipment and many more products for tool and mould making in the new catalogue "Workshop equipment".

meusburger.com

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A VIEW OF SCANDINAVIA

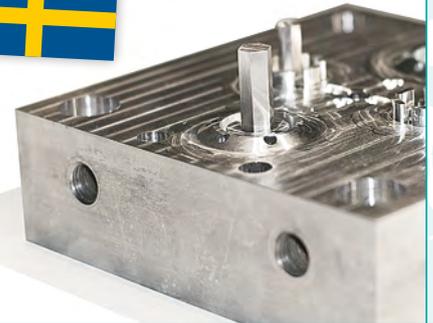
MEUSBURGER'S CUSTOMERS FROM THE NORTH



DENCKER A/S is located in Nykøbing Mors, West Jutland. The company was founded by Anders Dencker in 1995. It now has 26 members of staff and continues to develop and invest in state-of-the-art equipment. The firm stands out due to their excellent customer service and their ability to manufacture tools in a very short time.

www.dencker.net

Dencker A/S was one of the first companies in Denmark who bought Meusburger's aluminium cavity plate F50 for a mould tool in order to produce large items in less time.



"By using Meusburger products, we ensure that our lead times can be kept and that we use cost efficient, high-grade products to manufacture our injection moulds."
Stefan Ericsson (Kiwano AB)

KIWANOTECH AB is headquartered in Jönköping (Sweden) and offers complete solutions for the development process. By providing know-how in product development, prototyping, injection moulds and production, the path to optimised products can be made more efficient. At Kiwanotech AB injection moulding and production is all about adapting to the customer's needs and providing high-quality products while keeping the lead times short.

www.kiwanotech.se

LAUKAMO GROUP is based in Somero, Finland. The company integrates product development, tool design and tool making with high-technology manufacturing of plastic parts, sheet metals and electronic assemblies. Its highly skilled product development staff produces unique in-house solutions to turn customers' initial ideas into designs and prototypes, and finally into plastic parts and the assembled product. The company's specialities range from 1, 2 and 3-component moulding to the production of highly demanding plastic parts and sophisticated end products combining electronic and sheet metal.

"Meusburger F55 – plates and inserts are our preferred solution for shortening mould lead times."
Marko Laaksonen (Laukamo)



www.laukamo.fi



Products made by Oticon require top precision at all levels. This is why the company relies on standard moulds by Meusburger

OTICON designs and develops hearing aids for adults and children. Its subsidiary 'Oticon Medical' specialises in bone anchored implants. The Oticon group has more than 3,000 members of staff throughout the world. Its products are sold in 23 countries by the company's own branch sales offices and more than 80 independent distributors. At present, hearing aid users in more than 100 countries benefit from Oticon solutions. Oticon is the only hearing aid manufacturer in the world who owns a research centre. It is located in Eriksholm, near Copenhagen.

www.oticon.com

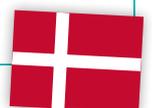


"We like to use Meusburger standard moulds because of the short lead times and easy online ordering."
Torben Thygesen (Sancon)

SANCON is based in Northern Jutland, by the beautiful Mariager Fjord. It is currently run by three owners: Richard Frandsen, Tomas Hj. Andersen and Torben Thygesen, who took over the company in 2005. Since then, Sancon has been growing and today has 8 employees. "We have close contact with our customers and are able to react quickly", explains Torben Thygesen

in, who is in charge of tool design and customer care at Sancon. Apart from manufacturing new tools, Sancon also modifies and repairs existing ones.

www.sancon.dk





FACTS

Alhorn GmbH & Co. KG
Lübbecke, Germany

Founded in: 1977

Members of staff: ~ 75 in tool making, ~ 150 in total

Tools made per annum: approx. 60–80

Customers: automotive, electronics, electrical engineering, medical technology

www.alhorn.de

TOP PRECISION AND RELIABILITY

ALHORN OPTS FOR PRE-HARDENED STANDARD MOULDS BY MEUSBURGER

A perfect product requires a perfect tool – that is the philosophy of Alhorn GmbH & Co. KG. The modern, dynamically growing family-owned company produces precision injection moulding tools and highly accurate and complex plastic components. For many years, Alhorn has been relying on Meusburger as a reliable supplier of standard moulds for injection moulding tools.

At its facility in Lübbecke, Alhorn's team of approx. 150 members of staff offers a complete service - from tool design through to the production of tools, initial type testing, production of the EMPB through to commissioning injection moulds for serial production. The state-of-the-art machinery comprises 47 injection moulding machines ranging from 50 to 420 tonnes clamping force.

"FOR OUR TOOLS WE NEED TOP QUALITY STANDARD MOULDS. MEUSBURGER'S STANDARD PLATES WHICH ARE PRE-HARDENED AND HEAT-TREATED FOR STRESS RELIEF HAVE PROVED TO BE VERY RELIABLE." Jörg Brammeier, Managing Director (Alhorn GmbH & Co.KG)

CUSTOMERS APPRECIATE EXCELLENT PRECISION

Alhorn has its own tool making facility for producing injection moulds of up to 700 x 900 mm for technically demanding articles. The success of the company is based on high quality and on-time delivery as well as on the innovative knowledge and many years of experience of its staff.

THE PARTNER FOR INNOVATIVE SOLUTIONS

MEUSBURGER'S CD CATALOGUE USED BY GENERO

Since its formation in 2003, Genero has been supporting its customers in the development and design of injection moulding tools with professional knowledge, experience and state-of-the-art CAD technology. "For us, close communication with our customers is high on the agenda. This makes it possible for us to jointly develop innovative solutions for high-quality aesthetic plastic parts", reports Dirk

Schneider, one of the three managing directors of the company.

STANDARD MOULD COMPONENTS BY MEUSBURGER FOR DEMANDING APPLICATIONS

Genero is appreciated for its quality consciousness and on-time delivery. In order to fulfil these demands, the specialist engineering designer has been relying on Meusburger standard mould components

for 10 years. Above all, the wide range of standard parts and the immediate availability of 3D data from the Meusburger CD catalogue simplify the processes in engineering design.

Satisfied customers in the medical technology, automotive, electrical engineering, consumer goods, toy and packaging industries are a confirmation of Genero's solution-oriented approach.



The Genero team – in the picture with Meusburger field representative Thorsten Schmidt (2nd from left) – supports its customers with professional knowledge, experience and state-of-the-art CAD technology



FACTS

Genero GmbH & Co. KG,
Kronach, Germany

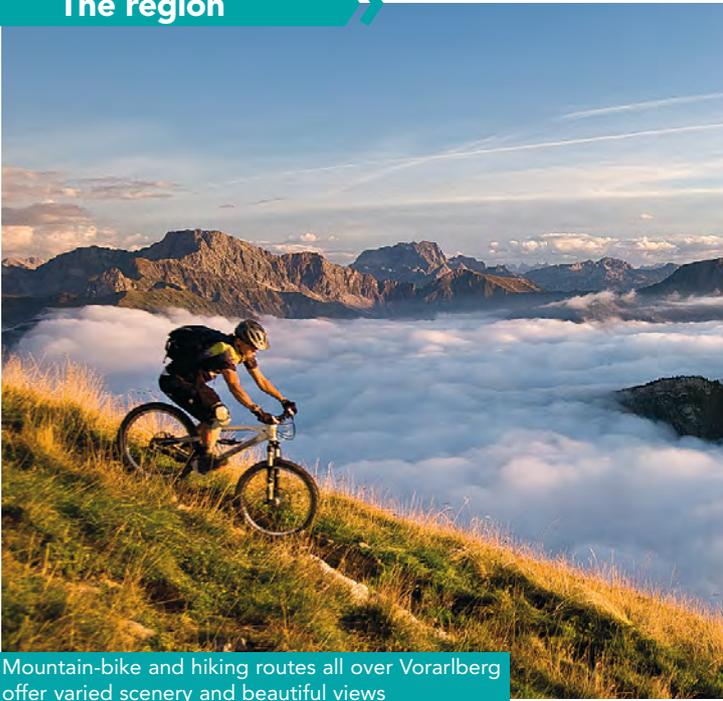
Founded in: 2003

Members of staff: 12

Tools made per annum: approx. 100

Turnover: EUR 620,000

www.genero-online.de



Mountain-bike and hiking routes all over Vorarlberg offer varied scenery and beautiful views



Contemporary revival of building tradition: Bizau nursery



Bregenz Festival House

VORARLBERG – WHERE MEUSBURGER IS AT HOME

ATTRACTIVE FOR CULTURE AND NATURE ENTHUSIASTS

In the west of Austria, in the centre of Europe, lies Vorarlberg – an artistically minded region with a distinct sense for self-reliance. Trying out new things has always been an important part of people’s approach – in all spheres of life and commerce. Right here, in the heart of the region and surrounded by impressive countryside, Meusburger has its origins. One of Meusburger’s success factors is the favourable commercial and geographical position in the quadrangle formed by the four countries of Germany, Switzerland, Austria and the Principality of Liechtenstein.

INNOVATIVE BUILDING CONSTRUCTION

Architects and tradesmen prefer working in timber and are reviving the area’s building traditions. Clear lines typify the new houses, which blend well with the landscape while also creating points of interest. In addition, Vorarlberg has the reputation of being exemplary in terms of energy-efficient and ecological building. That is illustrated by a current project: the world’s first modular timber-hybrid tower block – a ‘Passiv-Haus’ building – has been constructed in Dornbirn. The 27 metre high LifeCycle Tower was built using a construction system and was opened in November 2012. Many of the modules were prefabricated and installed on site.

VORARLBERG’S ARCHITECTURE HAS BECOME WELL KNOWN IN EUROPE’S PROFESSIONAL CIRCLES. HARDLY ANY OTHER REGION IN THE EU HAS A COMPARABLE ACCUMULATION OF QUALITY BUILDINGS AS THE BORDER TRIANGLE NEAR LAKE CONSTANCE.

Art-loving visitors to the region of Lake Constance can enjoy the Kunsthau Bregenz and the neighbouring Vorarlberg Museum, not just for the exhibits, but also for the innovative construction methods of both buildings. On the way to Bregenz’s closest mountain, the many unusual buildings on its slopes catch the eye.

DESIGN FROM BREGENZERWALD

The nearby Bregenzerwald region combines nature and (building) culture. In parallel to modern architecture, an independent, design-oriented crafts scene has developed here, the products of which are in demand at home and abroad. About 100 innovative craftspeople have formed an association in the Bregenzerwald region. In July 2013, the association opened its own “work-room” building in Andelsbuch, which was designed to plans by the well known Swiss architect Peter Zumthor.

A PLACE FOR CULTURE AND OUTDOOR ACTIVITY

Within just a few kilometres of Andelsbuch, the HolzKultur hiking route in Hittisau offers something for architecture enthusiasts and hikers alike. It leads past three saw mills and the unique culture and fire-brigade building, amongst other sights. The region is very popular with walkers and mountain-bikers, who enjoy the well marked routes. Whether in the Silvretta or Arlberg area, the Kleinwalsertal or the Rätikon: the routes offer plenty of varied scenery and magnificent views.

WINTER SPORTS COUNTRY

Fantastic skiing areas, impressive landscapes and miles of pistes: Vorarlberg offers ideal conditions for winter sports enthusiasts. In recent years, ski resorts such as Damüls-Mellau and Silvretta Montafon made the news with their big investments and top service. A new El Dorado for winter sports enthusiasts will be created by the merger of Warth-Schröcken and Lech-Zürs am Arlberg, ready for the 2013/14 winter season.

www.vorarlberg.travel/en

IN SAFE HANDS MAINTENANCE KEEPS EVERYTHING IN GOOD ORDER

At Meusburger, top quality and the shortest lead times in the market are high on the agenda. For this reason, and in order to maintain the level of productivity, the technical availability of plant and facilities is extremely important. The Maintenance Department ensures that machines and buildings are always in top condition.

The maintenance team comprises a total of 30 members of staff, and is divided into four sections: mechanical maintenance,

electrical maintenance, general maintenance and caretaking.

Thanks to the team's versatility, the wide range of tasks can be managed without any problems. In order to ensure maximum availability of the plant and machinery and minimise break-downs, the approx. 200 production machines have to be inspected and maintained on an ongoing basis. If problems occur in spite of that, the in-house maintenance team is quickly on site in order to resolve them.



Thanks to this maintenance program, machines and buildings are always in top condition

"WE HAVE A POLICY OF PREVENTIVE MAINTENANCE SO THAT OUR STATE-OF-THE-ART MACHINERY IS AS PRODUCTIVE AND EFFICIENT AS POSSIBLE."

Christoph Fink, Head of General Maintenance

TASKS

- » Mechanical and electrical maintenance; servicing production machinery
- » Handling new production machines from delivery to installation site
- » Construction of special devices
- » Organisation and coordination of spare parts orders, repairs and revisions
- » Production of documents
- » Design and implementation of electrical installations for machines and buildings
- » Inspection of work equipment
- » Administration and storage of consumables (oil, grease, cleansers...)
- » Waste management

FOCUS ON ROUND PARTS IN-HOUSE PRODUCTION OF ROUND PARTS

With its almost 50 years of experience in steel processing, Meusburger is well placed to continually adjust its product range to customers' requirements. For this reason, the company established a dedicated round parts production department in 1999, which now employs ten members of staff.

The department works three shifts using its fully automated turning and grinding

machines to produce standard parts in large series. The round parts department uses state-of-the-art machines and benefits from the latest cylindrical grinding and turning tools and technologies. The main task of this department is to produce various guide elements for punching tools and standard moulds using CNC machines. Warehouse management is used to control production and achieve the best possible utilisation of machinery.



The Round Parts Production team with Head of Department Mario Feuerstein (far right)

» PROCESSING 700 TONNES OF ROUND STEEL PER YEAR

» 3,000 DIFFERENT ARTICLES

» PRODUCTION OF 860,000 ROUND PARTS PER YEAR

"IRRESPECTIVE OF WHETHER WE ARE DEALING WITH THE PRODUCTION OF STANDARD OR SPECIAL PARTS – OUR MOTIVATED AND FLEXIBLE TEAM IS ALWAYS STRIVING TO ENSURE TOP QUALITY AND PUNCTUAL DELIVERY."

Mario Feuerstein, Head of Round Parts Production Department



A state-of-the-art array of machines and competent operators guarantee top quality

PERFECTLY NETWORKED

TROUBLE-FREE PROCESS THANKS TO MEUSBURGER'S IT DEPARTMENT

The eleven Information Technology (IT) members of staff look after the entire infrastructure and associated software. Nowadays, electronic data processing is a basic prerequisite for the daily work of the entire company.

The tasks of the IT staff is sub-divided into two important areas: administration and Navision. The six members of the Navision team are responsible for the Navision ERP system, the ELO document management system and software development. The main task is that of managing ERP Navision, which is deployed at the Austrian facility as well as at all sales offices. This includes looking after and training users, as well as the new development, adjustment

and maintenance of the system.

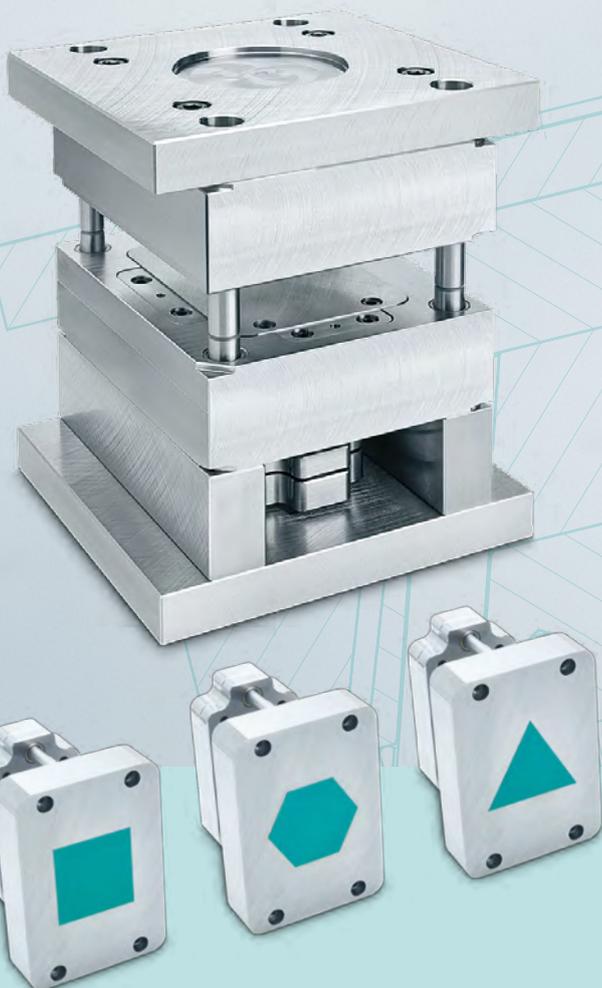
In administration, the availability, reliability and adaptability of the dynamic IT infrastructure, on which a large proportion of

business processes depends, has a high priority. This includes tasks such as looking after the networks, the server, all PCs and printers in the premises and the links with, and support for, sales offices and field sales staff. Another aspect that needs to be managed on a daily basis is securing the system against technical faults and other security risks.

"NEW CHALLENGES ON A DAILY BASIS, FAST CHANGES IN TECHNOLOGY AND THE OPTIMUM WORKING CONDITIONS AT MEUSBURGER MAKE OUR WORK INTERESTING",
Martin Stenzel,
Head of IT section



Basic prerequisite for the daily work: the Meusburger IT Department



FW change moulds

As of Euromold 2013, 4 new sizes included in the range

- » For producing prototypes and small series **in the shortest time**
- » Enables **changing the mould inserts** while the ejector set remains **on the injection moulding machine**
- » **Modular** change mould design with **ready-to-install** mould inserts – **immediately available from stock**

meusburger.com

Meusburger Georg GmbH & Co KG | Kesselstr. 42 | 6960 Wolfurt | Austria
T 00 43 (0) 55 74 / 67 06-0 | F -11 | sales@meusburger.com | www.meusburger.com

"SALVUS" IN SILVER AWARD FOR PROMOTING HEALTH IN THE COMPANY

In the spring of 2013, Meusburger was awarded the "salvus" in silver for promoting healthy working conditions in an exemplary way. This Vorarlberg health quality seal is used to recognise companies which actively strive to safeguard the health of their staff.

The award was created in 2013 by important organisations such as the Vorarlberg Regional Health Insurance, the Department of Labour, the Vorarlberg Chamber of Commerce and the Vorarlberg State Administration.



"THE HEALTH OF OUR WORKFORCE IS AN IMPORTANT ISSUE FOR US. FOR THIS REASON WE DO EVERYTHING SO THAT THEY CAN WORK SAFELY, ARE WELL MOTIVATED AND HAVE THE BEST POSSIBLE WORKING CONDITIONS. HEALTHY EMPLOYEES HELP US TO CONTINUE GROWING 'HEALTHILY.'"

Roman Giesinger, Human Resources Manager

The "salvus" in silver is awarded to all those companies which fulfil the following requirements:

- » Specific health objectives
- » Contact person for health issues
- » Participation of members of staff
- » Implementation of health-promoting measures for a period of at least 6 months

For further information, visit www.salvus.at

Example of Meusburger's health support and promotion activities: by installing a conveyor belt at table height it is possible for operatives to maintain an upright position during work.



"FANCY PLAYING THE CLOWN?"

Otmar Meusburger, who is employed in the In-house Sales 'special machining' department, tells us about his spare-time occupation as clown:

"FOR ME, PLAYING THE CLOWN MEANS BEING ABLE TO LAUGH ABOUT MYSELF, TO TRY OUT A DIFFERENT POINT OF VIEW AND TO START AGAIN FROM THE BEGINNING, AGAIN AND AGAIN, WITH ENTHUSIASM"





HIGH DEMAND FOR APPRENTICES INVESTMENT SECURES LONG-TERM SUCCESS

Meusburger invests a great deal in apprenticeship training in order to keep the company on course for continued growth over the long term. About ten years after Georg Meusburger's initiative, the Austrian family-owned company now employs 75 apprentices. In order to be able to offer them the

best possible vocational training, Meusburger has invested about EUR 2 million in equipment for the training workshop. The number of trainers was also increased: Ramona Schwinger and Peter Willam are new to the team, and have been looking after Meusburger apprentices since 2013.

NEW TO THE TEAM:

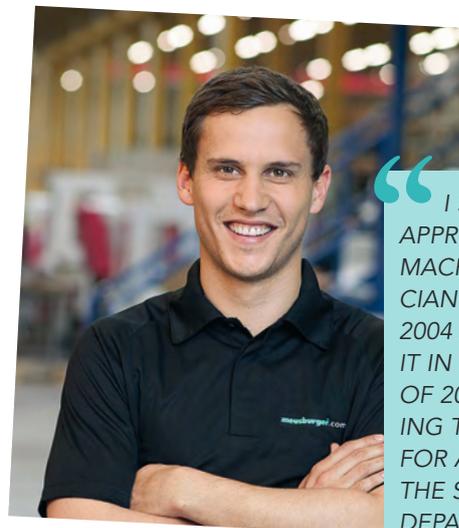


“ I AM PARTICULARLY FOND OF WORKING WITH YOUNG PEOPLE, AND LIKE THE VARIED WORK. IT'S ALSO GREAT THAT WE ARE ALWAYS SUPPORTED WHEN WE WANT TO EMBARK ON FURTHER TRAINING. ”

Ramona Schwinger

21 years, Dornbirn
Apprenticeship trainer for turning

- » 2006 – 2010: tool mechanic apprentice (Zumtobel)
- » 2010 – 2012: machining (z-Werkzeugbau GmbH)
- » 2012 – 2013: In-house Sales (Meusburger)
- » Since 2013: apprenticeship trainer at Meusburger
- » Hobbies: music (concerts), football, travel ...



“ I STARTED MY APPRENTICESHIP AS A MACHINING TECHNICIAN IN SEPTEMBER 2004 AND FINISHED IT IN THE SPRING OF 2008. FOLLOWING THAT, I WORKED FOR A FEW YEARS IN THE SPECIAL MILLING DEPARTMENT AND AM NOW ABLE TO PASS ON MY KNOWLEDGE TO THE YOUNGER GENERATION. ”

Peter Willam

24 years, Schwarzach
Apprenticeship trainer for milling

- » 2004 – 2008: machining technician apprentice (Meusburger)
- » 2008 – 2012: Special Milling Department (Meusburger)
- » 2012: Master of Mechatronics examination
- » Since 2013: apprenticeship trainer at Meusburger
- » Hobbies: football, skiing ...



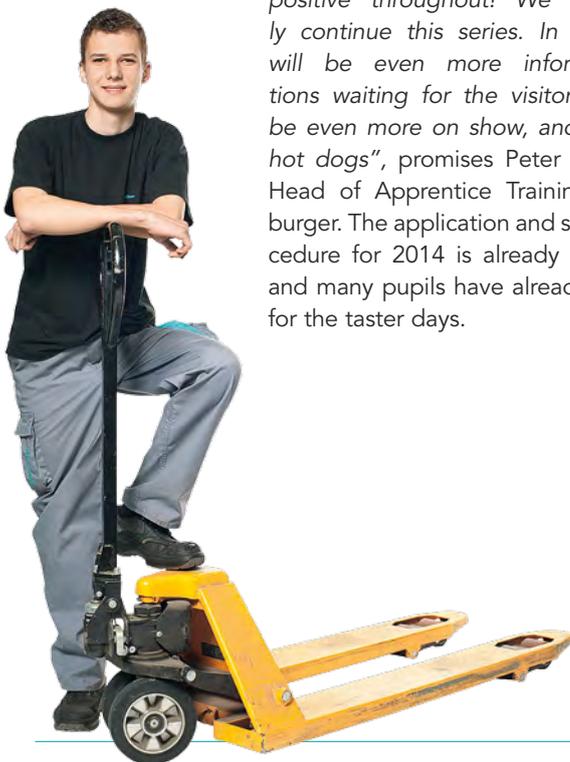
TRAINING WORKSHOP 'OPEN DAY'

EXTENSIVE INTEREST IN THE REGION

On 13 October 2012, Meusburger organised its first training workshop open day in order to allow apprenticeship-seekers and school pupils, as well as their parents and relatives, to have a look at the company and the training workshop in particular. Around 1,200 visitors accepted Meusburger's invitation, not wanting to miss the opportunity.

Six apprenticeship trainers and 15 apprentices were out in force in order to provide information about the different training opportunities at Meusburger to the numerous visitors at twelve stations. The modern array of machines and the film for apprentices shown in the new training room proved particularly popular. With hot dogs available, everyone's physical wellbeing was also taken care of.

"The training workshop open day 2012 was a great success. There was enormous interest, and the feedback was positive throughout! We will certainly continue this series. In future there will be even more information stations waiting for the visitors, there will be even more on show, and even more hot dogs", promises Peter Nußbaumer, Head of Apprentice Training at Meusburger. The application and selection procedure for 2014 is already in full swing and many pupils have already registered for the taster days.



Visitors were able to learn about Meusburger's vocational training opportunities at twelve different stations

RECOGNITION AWARD

HANS HUBER FOUNDATION

In September 2013, Meusburger received an award from the Hans Huber Foundation for exemplary apprenticeship training with a sense of social responsibility.

The aim of the Foundation is to promote vocational training and hence the people who are at the training stage. In this context, apprenticeships are seen as an essential element for the start of an attractive career. In addition, every year the Foundation awards prizes to people who have accumulated special merit in the context of the dual vocational education system. This year, the recognition award went to Georg Meusburger, the founder and senior head of Meusburger.



Training workshop meeting: Guntram Meusburger (left) in conversation with the apprentices Dominik Stadelmann (centre left) and Tim Feichtinger (centre right) and the Head of Apprentice Training, Peter Nußbaumer (right)



GROWTH AT MEUSBURGER

A NEW SKILL IN THE TRAINING PROGRAM AND 33 NEW APPRENTICES

Since the autumn of 2013, Meusburger is training apprentices in electrical engineering (plant and industrial engineering). At the same time, 33 new apprentices have started their training.

Owing to the continuous expansion of the production facility and array of machines, qualified electrical engineering technicians are becoming more and more important for Meusburger. The new skill in the training program enables apprentices to get to know the works and its respective processes, and to find their way around the approx. 200 production machines.

As electrical maintenance technicians, the apprentices can expect a very interesting and varied field of work with numerous activities centred on electrical and automation technology. They will learn how to design, assemble, install, service and repair a wide range of electrical and electronic equipment and machines. In addition to simple electrical installations, the job involves the wiring of switch cabinets, the commissioning and maintenance of production machines, finding faults and troubleshooting. Furthermore, apprentices will gain an insight into automation and control technology.

ELECTRICAL ENGINEERING APPRENTICES

Duration: 3.5 years

Training program: producing wiring and circuit diagrams, producing control systems, fault-finding and troubleshooting on electrical and electronic equipment and installations, and much more.

Requirements: technically gifted and manually adept

Vocational school: Bregenz (block attendance for 10 weeks per apprentice year)



Kevin Schmid, Dornbirn
Sasa Lacic, Rötis

OUR NEW ARRIVALS:

Machining:

- Julius Hehle, Hörbranz
- Marco Steuerer, Krumbach
- Noah Lässer, Lustenau
- Nicolas Waldinger, Lauterach
- Eric Plangger, Bregenz
- Dominik Kirschner, Bregenz
- Elias König, Hörbranz
- Simeon Schwinger, Dornbirn
- Tobias Anwander, Lauterach

- Robin Nußbaumer, Sibratsgäll
- Philipp Mandl, Dornbirn
- Tobias Österle, Hörbranz
- Stefanie Ludescher, Meiningen
- Katrin Felder, Mellau
- Dominik Bechter, Alberschwende
- Stefan Greußing, Bezau
- Maximilian Schertler, Wolfurt
- Michael Sagmeister, Egg/Großdorf
- Adrian Sutterlüty, Bezau

Metal working:

- Julian Kohler, Sulzberg
- Steve Hammerer, Dornbirn
- Marco Mihajlovic, Altenstadt
- Elias Reichl, Dornbirn

Mechanical engineering:

- Gabriel Mathis, Hohenems
- Raphael Gmeiner, Dornbirn
- Martin Pickart, Bezau
- Pascal Vaczi, Bregenz
- Valentin Gunz, Dornbirn

Electrical engineering:

- Thomas Wirth, Andelsbuch
- Johannes Metzler, Andelsbuch
- Markus Gasser, Bizau



APPRENTICESHIP BLOG FOR TOP INFORMATION VISITORS GAIN AN INSIGHT INTO MEUSBURGER'S TRAINING WORKSHOP

Since September 2012 the Meusburger apprentice blog has been online at www.lehre-bei-meusburger.com and has enjoyed continually increasing visitor numbers ever since. The average number of visitors to the blog per month is about 1,300. In addition to the weekly news from the training workshop, visitors will also find all important information about training and the different training opportunities available at Meusburger.

Every week there will be new contributions which are read, evaluated and commented on by visitors to the blog. To this end, a team of eleven apprentices and two trainers meets every three months for a dedicated editorial meeting. In a relaxed atmosphere, the team collects and chooses the subjects to be published on the blog over the following weeks. The main objective is to have contributions that are authentic and fun to read. For this reason, most of the reports are written by the apprentices themselves.

“ As far as the reports are concerned, the point is not to create perfect texts and pretty content, but to convey a realistic insight into daily life in our training workshop. The fact that this idea has been popular is confirmed by the regular readers and the increasing number of visitors. ”

Peter Nußbaumer, Head of Apprentice Training at Meusburger

“GEUZE” ON TOUR

MY LANGUAGE TRIP TO ENGLAND



As a reward for my excellent result in the final apprenticeship examination, Meusburger made it possible for me to go on a three-week language trip to England. With suitcases packed and full of anticipation, I took the plane to Brighton, on the south coast of Great Britain. Since I had never been on a plane before, it was quite a special experience for me.

During my stay I lived with a guest family and attended a language school in order to improve my English. The class was very mixed and I got to know many nice people and also of other nationalities. It was very interesting to be able to talk to each other and at the same time a big help for learning the language, since communication was only possible in English.

We undertook several sight-seeing tours in order to explore the country. We were shown the most famous sights in a number of different cities. In London we also had the opportunity to attend the “We Will Rock You” musical. But my favourite city was certainly Brighton.

My language trip was very well organised in all aspects. For me it was a unique experience, and a wonderful time. The three weeks went by far too quickly.

Michael Geuze, former apprentice and now a skilled worker in high demand at Meusburger



LONG LIVE SPORT

IN SUMMER AS IN WINTER – COMBINING PHYSICAL EXERCISE WITH FUN



CROSS-COUNTRY SKIING EVENT

At the beginning of 2013, 29 Meusburger employees had a go at cross-country skiing and shooting under expert guidance at the Nordic Sport Park in Sulzberg in beautiful sunny winter weather. A great day was concluded with dinner at the Club House.



SKIING DAY IN WARTH

On 9 March 2013, the Meusburger buses brought a total of 65 members of staff to Warth. The changeable weather did not dampen the fun, and after numerous descents the winter sports enthusiasts got together for a well-deserved après-ski at Jägeralpe.



RACE FOR GOLD 2013

On 1 March, the Vorarlberg Skiing Association (VSV) invited local companies to participate in the first "Race for Gold", at which the company teams competed in a giant slalom race in Schwarzenberg for the benefit of young Vorarlberg skiers. Participants were taken care of by former Olympic winners. A total of 19 company teams from the region took part, amongst them two Meusburger teams of four skiers each. For the women, Sabine Ritter achieved eighth place and Erhard Korunka came fifth for the men. In the team ranking, Meusburger managed a very good fourth place.



APPRENTICE SLEDGING PARTY

Also in the winter of 2013, the apprentices did not want to forego their traditional sledge ride in Sibratsgfall. To start off, they were treated to a tasty supper at the Hirschen Hotel before they made their way to the illuminated 1 km-long natural sledging piste. After a speedy descent on the racing sledges, they were spoilt with hot drinks and brought the evening to an end to the sound of party music.



3. BREGENZERWALD RUN "VO MELLO BIS GE SCHOPPORNOU"

On 22 June 2013, during perfect running weather, about 1,800 runners started – eleven of which were Meusburger staff. On the 13 km-long run from the centre of Mellau to the lower station of the Diedamskopf cable car in Schoppornau, participants competed in the three categories of fun runner, hobby runner and professional. Six Meusburger apprentices took part in the apprentice challenge – they achieved second place in the team competition and thereby beat the trainers, who came fifth. The first Meusburger employee to cross the finishing line was Martin Stenzel with a time of 57 minutes and 23 seconds.



2013 MOUNTAIN-BIKE WEEKEND

This year, Meusburger's mountain-bike fans chose the Vinschgau as their destination. Despite the bad weather forecast, 27 valiant mountain-bikers started their trip to South Tyrol on 30 May and were rewarded with surprisingly good weather. During three tours in the area around Latsch (IT) they each climbed 4,000 metres in altitude and covered 120 kilometres, on one occasion even reaching the snow line. In the evening, the mountain-bikers enjoyed a sensational five-course menu at the hotel and were able to recover from the day's exertion in the whirlpool and Finnish sauna.



DRAGON BOAT RACE – VICTORY FOR MEUSBURGER!

On 29 June 2013, Meusburger took part for the first time in the BTV 3-country dragon boat race on Lake Constance. A team of 18, including 6 women, paddled away for honour and a trophy under the command of Captain Philipp Vögel and, despite the pouring rain and temperatures below 10 degrees, achieved a well deserved victory. Of course, it was the fun that mattered most, but the competitive spirit and zeal of the crew has now been aroused and they will enter the next competition not as newcomers, but as title defenders.



TENNIS OPEN

Every year, Meusburger organises a tennis event for its members of staff. Fourteen participants competed in singles and doubles matches on 14 September 2012. In the end, everyone was a winner – the fun of the game was clearly what mattered most.



2013 FOOTBALL SEASON

In 2013 the "Vorschub Meusburger" football team again took part in the Vorarlberg Company Cup, competing with 19 other teams, and got as far as the last sixteen. Unfortunately, it was not possible to repeat last year's good result (at that time the Meusburger team achieved second place); in spite of that, the Meusburger players were not discouraged and were rewarded with a deserved 6:4 win in the match against Hypo Landesbank.



A LOT IS GOING ON AT MEUSBURGER

IMPRESSIONS, HIGHLIGHTS AND NEWS FROM THE LAST TWELVE MONTHS

CARD GAME EVENT, 2012

"Jassen", probably the most popular Vorarlberg card game, has a long tradition at Meusburger. In November 2012, a record number of 140 players took part in the "Preisjassen" event. The winners, Bernadette Kaufmann, Daniel Fuchs and Hubert Weber were rewarded with a hamper for their skills.



CHRISTMAS PARTY, 2012

On 21 December, Guntram Meusburger, Managing Director, opened the Christmas party with a look back over the past year. Following that, the Human Resources Department paid tribute to long-serving employees, retirees, those that had completed their apprenticeship and master candidates. Thereafter members of staff spent a convivial and enjoyable evening with buffet, music and dancing.

APPRENTICES COOK UP A FEAST

At the beginning of February 2013, Meusburger apprentices and trainers met up in the kitchen of the Bezau Commercial College and, under the professional guidance of the resident chefs, whipped up a three-course menu which they were allowed to enjoy – with due regard to table manners – together with their partners, once the work had been done.



BARBECUES

In May and September 2013, Meusburger organised a total of four courses in barbecue grilling for employees. The idea was very popular – 80 participants learned from barbecue vice-champion Tom Heinzle how to properly handle smokers, charcoal and gas grills, and enjoyed the grilled delicacies during the following shared meal.



MOTORBIKE TOUR, 2013

This year's tour of the Meusburger bikers led them to the Black Forest (Germany), to the beautiful town of Todtnau. Unfortunately the weather was not on their side, so the originally planned tour to the French Alsace had to be cancelled. The day after, the 15 Meusburger employees made use of the time for a longer tour through the southern part of the Black Forest, and back home through Switzerland. Each of them covered a total of 550 km on their machines.

FISHING DAY, 2013

On 31 August, 27 Meusburger employees started out trying their angling luck at the Gasserweiher at ORTSPARK am Kumma in Götzis. The Meusburger anglers concluded the successful day with a convivial evening at the guest house of the same name.



BIRTHS

Max, born on 5 September 2012, son of Tobias and Marion Fuchs

Ella, born on 11 September 2012, daughter of Martina and Michael Steiger-Ravnik

Kilian, born on 8 October 2012, son of Gerlinde and Markus Jenny

Fin, born on 4 November 2012, son of Michaela Pusch and Falko Noack

Matilda Aurelia, born on 14 November 2012, daughter of Simon and Jennifer Haban

Kian, born on 28 November 2012, son of Murat and Julia Inan

Luca, born on 21 December 2012, son of Cosmina Chirchner and Slagean Radin

Leo, born on 22 January 2013, son of Andreas Muxel and Barbara Staudacher

Felizia, born on 9 February 2013, daughter of Mario und Sabine Amann

Julia, born on 14 March 2013, daughter to Sylwester and Natalia Witaszek

Macy Ann, born on 8 April 2013, daughter of Jean-Marc and Katie Mayer

Maximilian, born on 10 April 2013, son of Nicola and Harald Pibal

Vincent Noah, born on 12 April 2013, son of Lukas Eiler and Carmen Stranig

Darian Emanuel, born on 7 April 2013, son of Guido and Bettina Mott

Arthur Leopold, born on 24 April 2013, son of Susann and Christoph Lorenz

Niklas, born on 11 April 2013, son of Jürgen and Sandra Metzler

Fabio Leon, born on 30 April 2013, son of Thomas and Miriam Barfus

Beatrice, born on 4 May 2013, daughter of Davide and Barbara De Letteriis

Bence Daniel, born on 14 June 2013, son of Laszlo Szabo and Viktoria Recsetar

Vinzent, born on 1 July 2013, son of Daniel Türk and Katharina Möller

Jan, born on 20 July 2013, son of Siyka and Anton Sönkens

Julie, born on 17 July 2013, daughter of Ludek Tichy and Libuse Ticha

WEDDINGS

Jean-Marc Mayer and Katie Virr, February 2013

Katharina Fischer and Christian Moosbrugger, May 2013

Ramona Aelzenberger and Niko Biebel, May 2013

Christoph Fink and Kathrin Zehentner, May 2013

Helmut Natter and Nadja Übelher, June 2013

Tero Ruskovuo and Essi Jalonen, June 2013

Marcin Kupidura and Anna Jasinska, June 2013

Andreas Muxel and Barbara Staudacher, August 2013

Michaela Pusch and Falko Noack, August 2013

Maurizio Pieroni and Marica Girotti, August 2013

LENGTH OF SERVICE CELEBRATIONS

Hubert Weber, Head of Production, 25 years

Armin Chiesola, Head of Sales, 25 years

Roman Giesinger, Head of Human Resources, 10 years

Daniel Fink, Head of Purchasing, 10 years

Otmar Meusburger, In-house Sales, Special Machining, 10 years

Bojan Rojs, Area Sales Manager, 10 years

Gerlinde Jenny, Human Resources, 10 years

Franz Feuerstein, Production A51/A81, 10 years

Klaus Nußbaumer, Product Communication, 10 years

Miroslav Horna, Area Sales Manager, 10 years

Helmut Felder, Control, 10 years

Stefan Brombeis, Production MCB800, 10 years

Andreas Jakob, Sawing, 10 years

Alexander Gmeiner, Round parts, 10 years

Kerstin Hämmerle, Area Sales Manager, 10 years

Martin Stenzel, Head of IT, 10 years

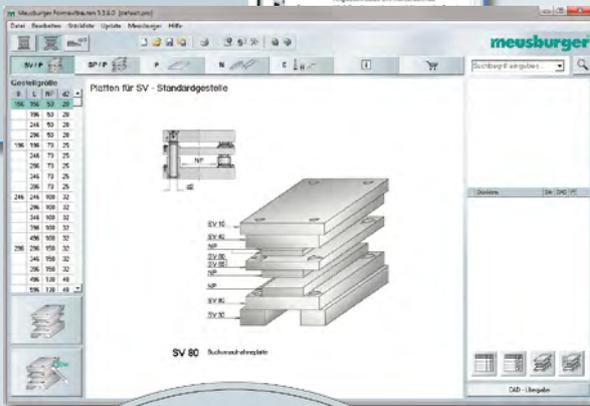
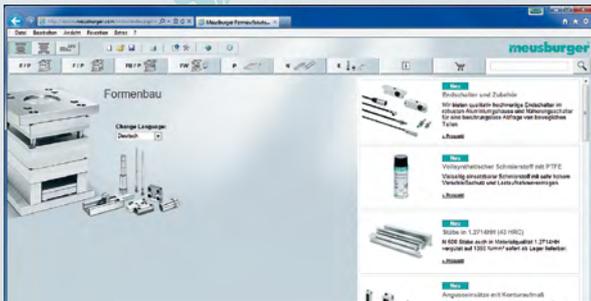
RETIREMENTS

August Hagspiel, Cutting Workshop

Othmar Wolf, Sawing

Hermann Muxel, Cutting Workshop

Your reliable partner for tool and mould making



The Meusburger CD
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