

## EASY - FAVOURABLE - PREMIUM





### GENERAL CHARACTERISTICS

- >> Highest precision  
Due to modern CNC-technology  
bevels, bore holes and surfaces have  
a high-precision (no simple and not  
milled laser product)
- >> Milled and drilled on 5 sides
- >> Table height 850 mm
- >> Product is not plasmanitrided.  
Anti spatter protection is only assured  
through the use of anti-stick liquids

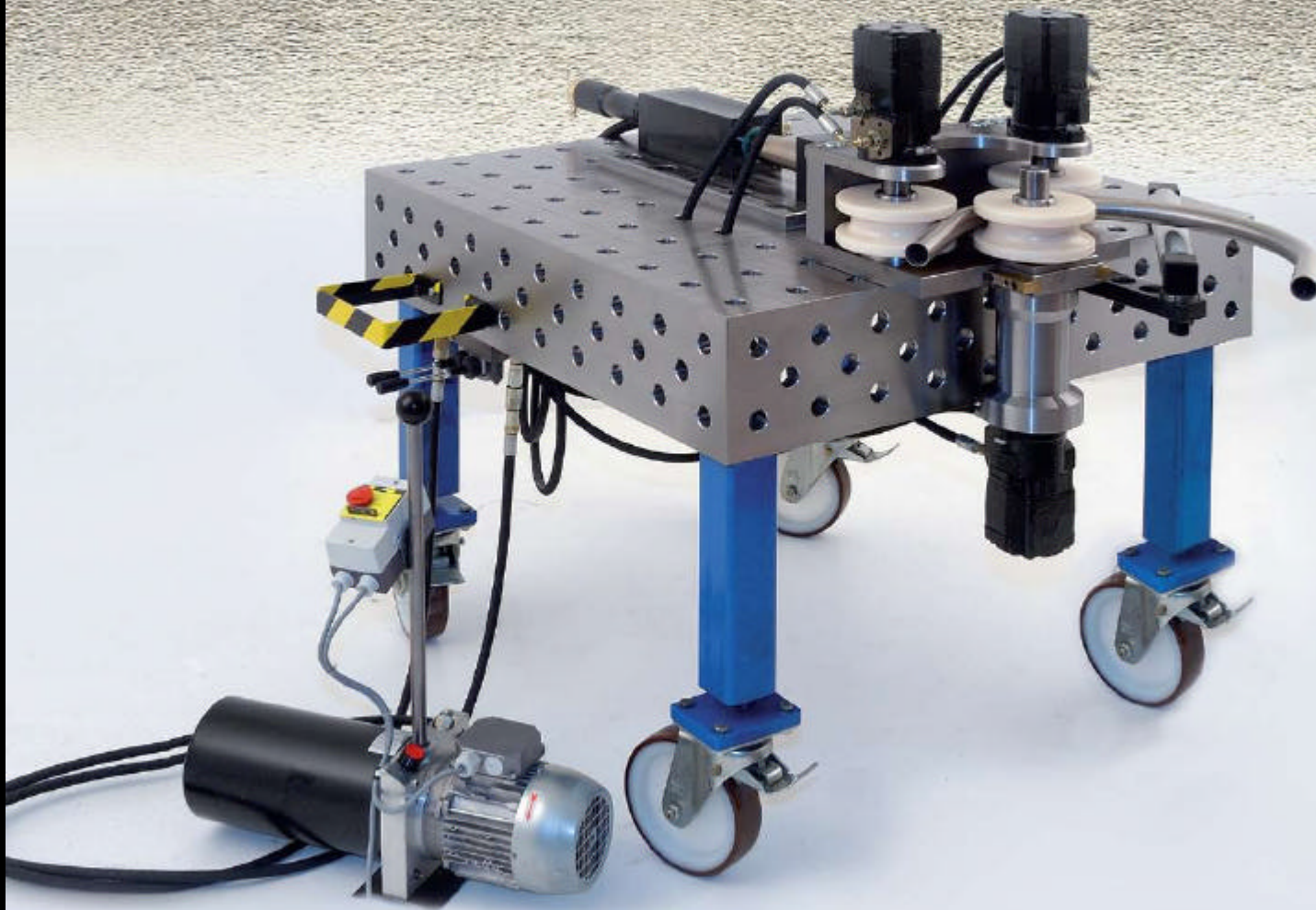
### BASIC SYSTEM 16

- Bore holes Ø 16 mm
- Hole separation 50 mm
- Grid space 50 mm
- Thickness 12 mm
- Point load: max. 100 kg
- Total load: max. 500 kg with leg basic
- Table side 50 mm height
- Installation of stops on side surfaces  
due to 50 mm table side face and table  
extension, also the application of squares  
and further tables is possible
- Construction strengthened by ripping

### BASIC SYSTEM 28

- Bore holes Ø 28 mm
- Hole separation 100 mm
- Grid space 100 mm
- Thickness 25 mm
- Point load: max. 500 kg
- Total load: max. 1.000 kg with leg basic
- no table side  
all four table sides arranged with  
threaded holes for usage of stops
- no extra intensification by ripping,  
high stability due to 25 mm thick  
table plate

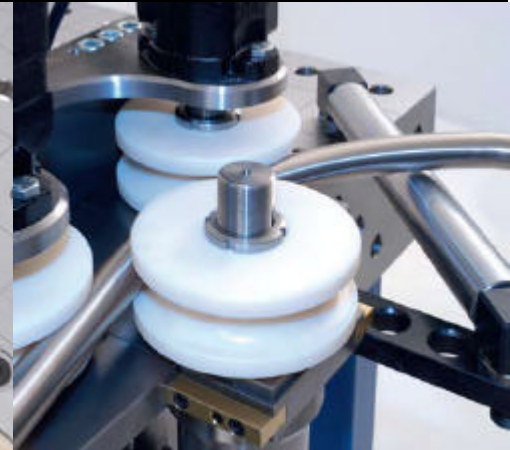
## Bending machines on the basis of Siegmund tables







The firm construction of the welding table professional system 28 allows for use as a machine table for bending machines. Thus the welding and clamping table can be used more multifariously. The bending machines in this catalogue are one of the best world-wide.



>>  
The boardbender is available in different designs. If you have any questions we would be happy to advise you. The boardbender allows a bending of flat steel from a height of 100 mm up to a thickness of 15 mm. Force is 10 t and the deviation is 150 mm.

>>  
The boardbender is powered by a little separate hydraulic aggregate, which can also be used for other applications.

>>  
The boardbender is connected to the table with system bolts.

# BRIDGE CONSTRUCTION

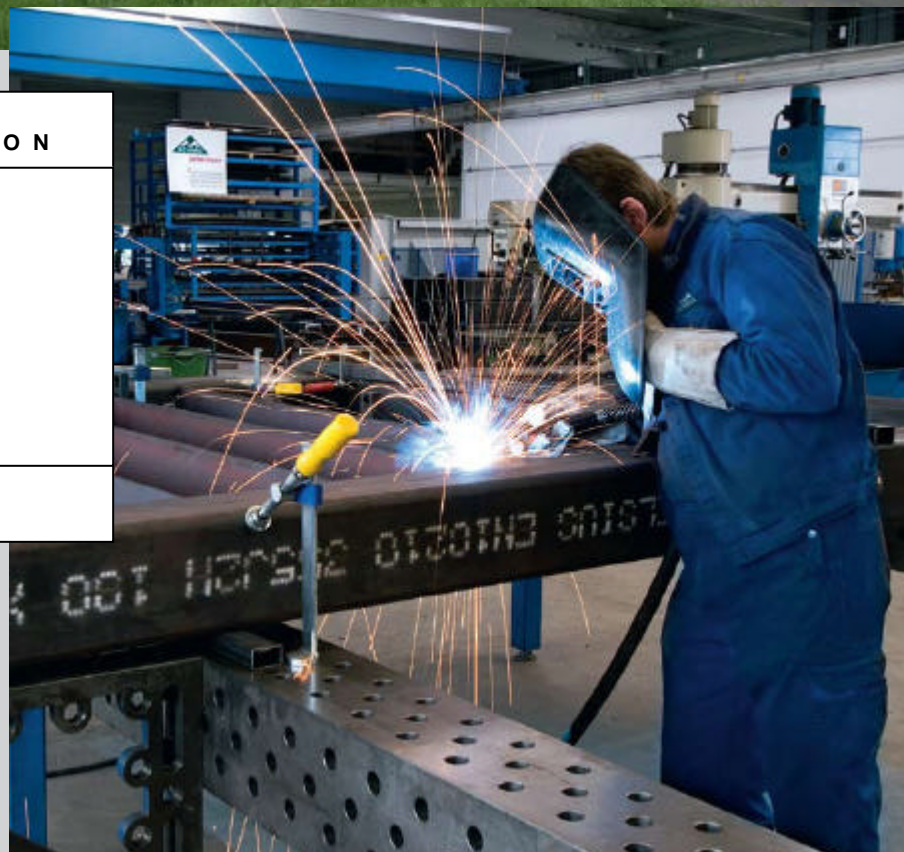
IN PRACTICE



## The clamping system for something big



01	BRIDGE CONSTRUCTION
SOURCE:  CONSTRUCTION COMPANY MATTHÄUS SCHMID BALTRINGEN  Overall length 53 m WEIGHT 70 TONS	
2008	





# BRIDGE CONSTRUCTION

IN PRACTICE



Innovation and perfection - these are the ambitions of the Matthäus Schmid Bauunternehmen GmbH & Co. KG. Proof can be seen in several objects which are well known beyond Southern Germany.

From classic building construction to groundbreaking steelwork - Matthäus Schmid Bauunternehmen GmbH & CO KG offers perfection and requires the same from their distributors.

Siegmund welding tables are an important component in this quality concept.

# SHEET METAL FORMING

IN PRACTICE



## So you bring sheet metal in shape

Whether prototypes, small series or mass production - short set-up times, precision even after hundreds of uses, and easy handling of the clamping system are the basic requirements for modern sheet metal forming.



## Quick and precise

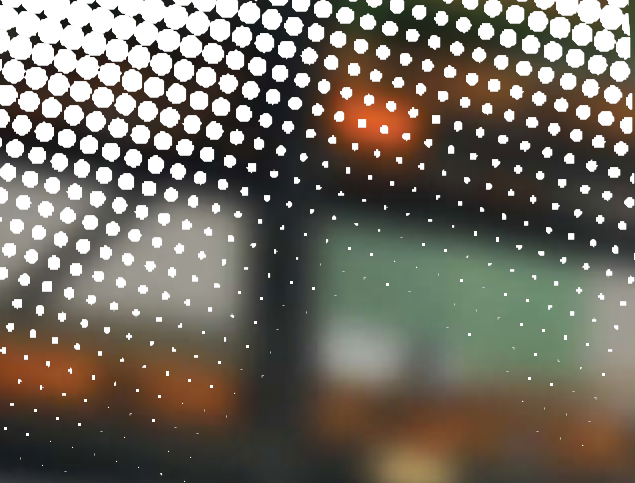
"We live in a high-wage country. Therefore we must use superior technics for getting wage costs under control. The Siegmond welding tables help us with this mission."

We weld and mount formed parts on the tables. Only if every hand movement is correct the assembly costs are kept within competitive limits. The needed precision can be reached by a few hand movements due to the elaborate clamping appliance for series production.

Ergonomic elaborated tool solutions and reliable single-hand control fit together to create one perfect system.







0 2

## SHEET METAL FORMING

SOURCE:

W. NUSSER GMBH  
METAL WORKING AND  
SHEET METAL WORKING  
NEUSÄSS

2010







For over 100 years the Nobiskrug shipyard has shown their expertise and quality with building ships for the marine and building civil ships. Also the Nobiskrug emerges as one of the inherent parts of the mega yacht market over the last years. With German craftsmanship the shipyard builds mega yachts on customer request with a length of 60 – 200 m.



## German handcraft-quality for the seven seas

At sea, reliable technique is indispensable for life. A hundred percent of safety and highest manufacture quality are the minimal requests for shipbuilding. This applies especially in the luxury segment. The best is nearly good enough for the demanding customers. The premium yachts are internationally awarded Design-objects not only because of their breath-taking line management and luxury equipment, but also because of their high-tech installations for powering and supplying under deck are built by the highest standards. If you want to meet these requirements in this hard-fought market with success consistently, you need tools that enable you to deliver top-quality. Clamping and welding tables made by Siegmund contribute to transform bold design-ideas into reality and to help handcraft-specialists do their very best.

Around 5600 m of pipelines are brought into shape for one single luxury yacht on up to 6 Siegmund-tables in the shipyards hall. After all, conditioned air and freshwater need to be available everywhere the owner wants it to be. To guarantee an installation without fitting problems, the most precise manufacturing tolerance is needed. Nobiskrug is continuing their course of success with Siegmund tables.



### 03 SHIPBUILDING

SOURCE:

NOBISKRUG GMBH  
RENDSBURG

SHIPBUILDING

2011



# PLANT ENGINEERING

IN PRACTICE



0 4 | P L A N T   E N G I N E E R I N G

SOURCE:

GROB-WERKE GMBH & CO. KG  
MINDELHEIM

MACHINE TOOLS AND  
PLANT CONSTRUCTIONS

2011



### GROB - machine tools and plant constructions



The globally acting producer and developer of machine tools and constructions for the automobile industry is a respected market leader. The family-run company has at all times been the pacemaker for technology with the best swabian engineering-tradition. Innovation, reliability, quality awareness and respect for environment and human beings are the cornerstones, on which the company's success is based upon. Values, the corporate management also demands from their partners and suppliers.

**A MOVING SPIRIT NEEDS A FLEXIBLE CLAMPING-SYSTEM TO CARRY OUT ITS IDEAS**



Complex machines require complex production conditions. No matter if it's a machine tool, a machining centre or transfer systems; all products of the company GROB demand the highest flexibility from the clamping and welding systems. GROB fulfills individual customer requests. This means small series and custom-made products, which lead into frequent conversion of the clamping system. And these are exactly the conditions that enable Siegmund tables to show how elaborate the system is. Precise fixable tools with time saving one-hand operation offer solutions for every imaginable task; there is not a single problem that Siegmund has not foreseen and solved.







## Siegmund welding tables at automation

The EuRob Engineering GmbH develops and produces robot based welding fixtures and robot applications for automotive engineering, the aviation industry and chemicals industry, textile industry and the environmental industry inland and overseas. EuRob Engineering is part of the En-ko Staudinger Group.

An important and flexible element of robot based welding fixtures is the proven clamping system by Siegmund.

The benefits that mean the EuRob-Engineering are using Siegmund welding tables are:

>> Flexibility

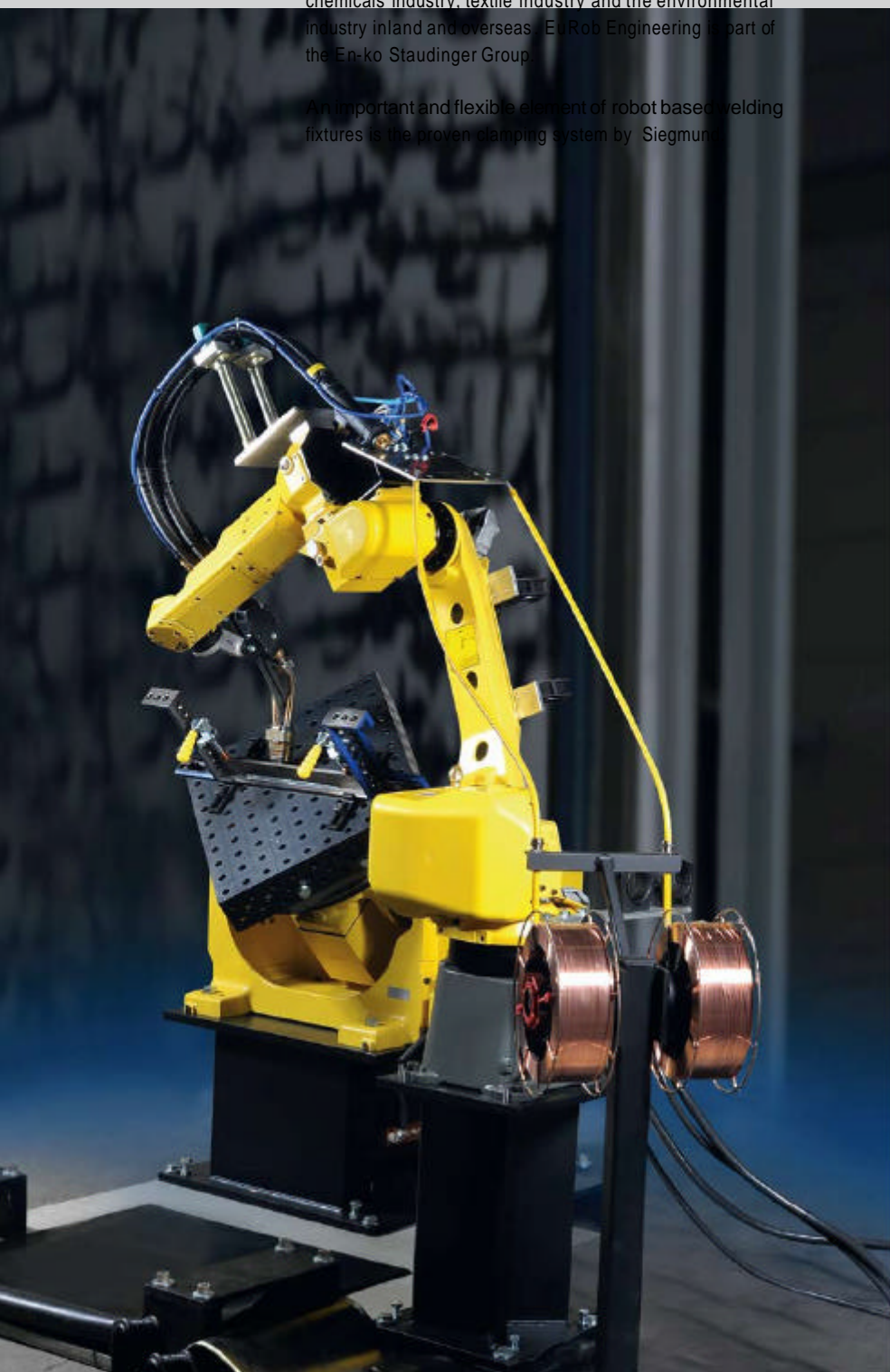
The application can be readjusted without big effort by the end user (e.g. for tolerance or part modification).

>> Time saving

As a result of the modular system together with the huge part availability at Siegmund, even extensive welding fixtures are realized over a short period of time.

>> Cost savings

Costs can be saved due to the insert of mainly standard products. Changes are possible with low effort. The standard Siegmund components can be used for new part production again and again.



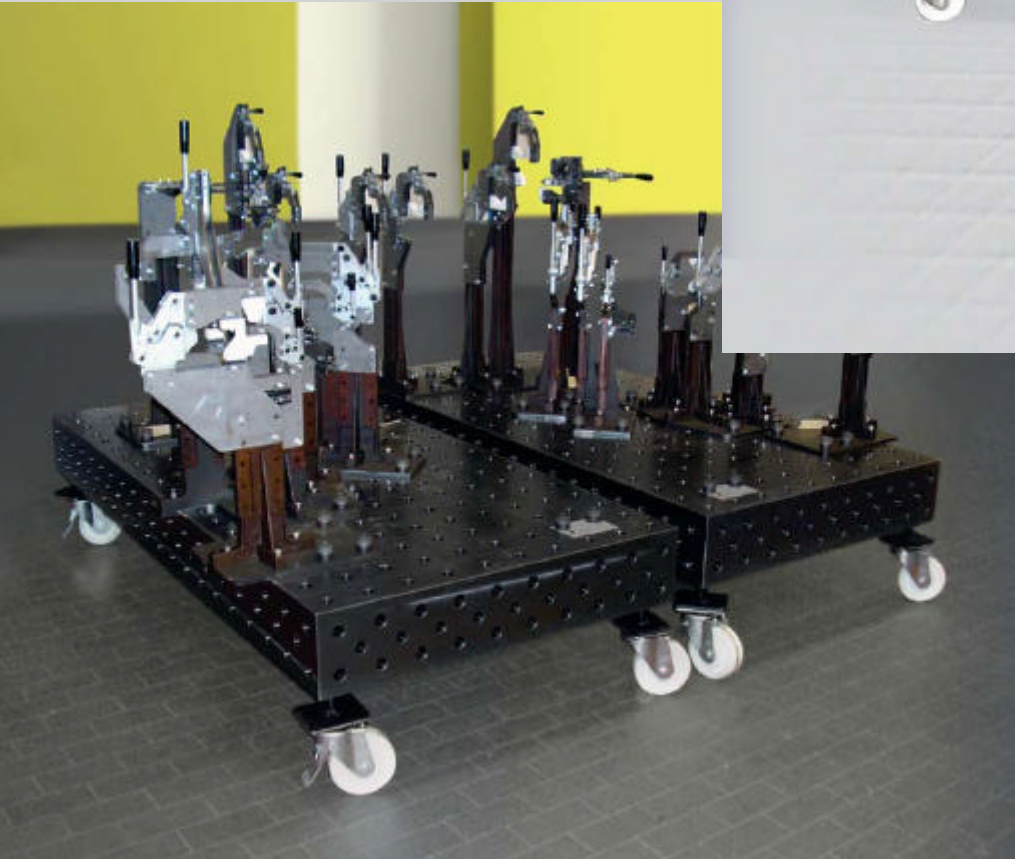
05	ROBOT WELDING
SOURCE:	
EUROB ENGINEERING GMBH FRIEDBERG	
ROBOT WELDING WELDING FIXTURES	
2010	

# Clamping systems for innovative ideas

Our customers in the automobile industry base their values on accuracy. Therefore precision at fixture construction is an important constitution for us. Anyhow it is a must to reduce setup time. That is why we back on clamping systems by Siegmund, which combine minimal tolerances and maximum efficiency.

Another trump is the flexibility of the Siegmund system tables. Due to the comprehensive accessories the variations and combination possibilities are nearly limitless. Even at model and prototype construction, our developers praise this flexibility especially.

Anyone who wants to sell his customers design and functionality should not be disclaim this referring tools.



0 6	PROTOTYPE CONSTRUCTION
SOURCE:	
EDAG GMBH & CO. KGAA FULDA	
FIXTURE CONSTRUCTION MODEL AND PROTOTYPE CONSTRUCTION	
2010	





## 3rd dimension metal construction



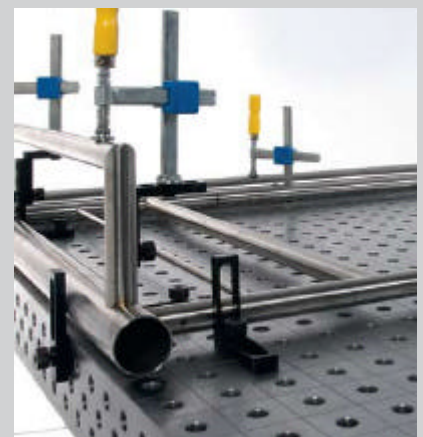
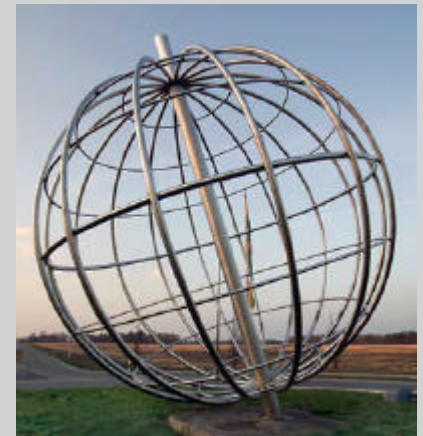
07	BALUSTRADE BUILDING
SOURCE:  METALLBAU GÖPPEL GROSSAITINGEN  BALUSTRADE BUILDING WELDED CONSTRUCTION	
2011	

Flexible solutions which combine design and function.

The experienced staff of the metal construction company Göppel realize demanding solutions that cause quite a stir.

Metal constructions, that not only give facades and entrances a distinctive look but also give interior spaces a unique touch, are planned, produced and installed. Through a combination of the most varied materials every order gets its own individual accent, exactly what the customer wants.

By using state-of-the-art material und producing methods the design-solutions can always be characterized by their innovation and quality-standard.







Fixing, flexing, grinding, welding, measuring - it is unthinkable to do ambitious balustrade building without modern clamping systems.

With welding tables by Siegmund balustrade designers are able to realize their ideas, even with difficult balustrade buildings. Together with the capable bender appliances there is no limit to the creativity.

The Siegmund clamping tables open up the 3rd dimension, precise and efficient.



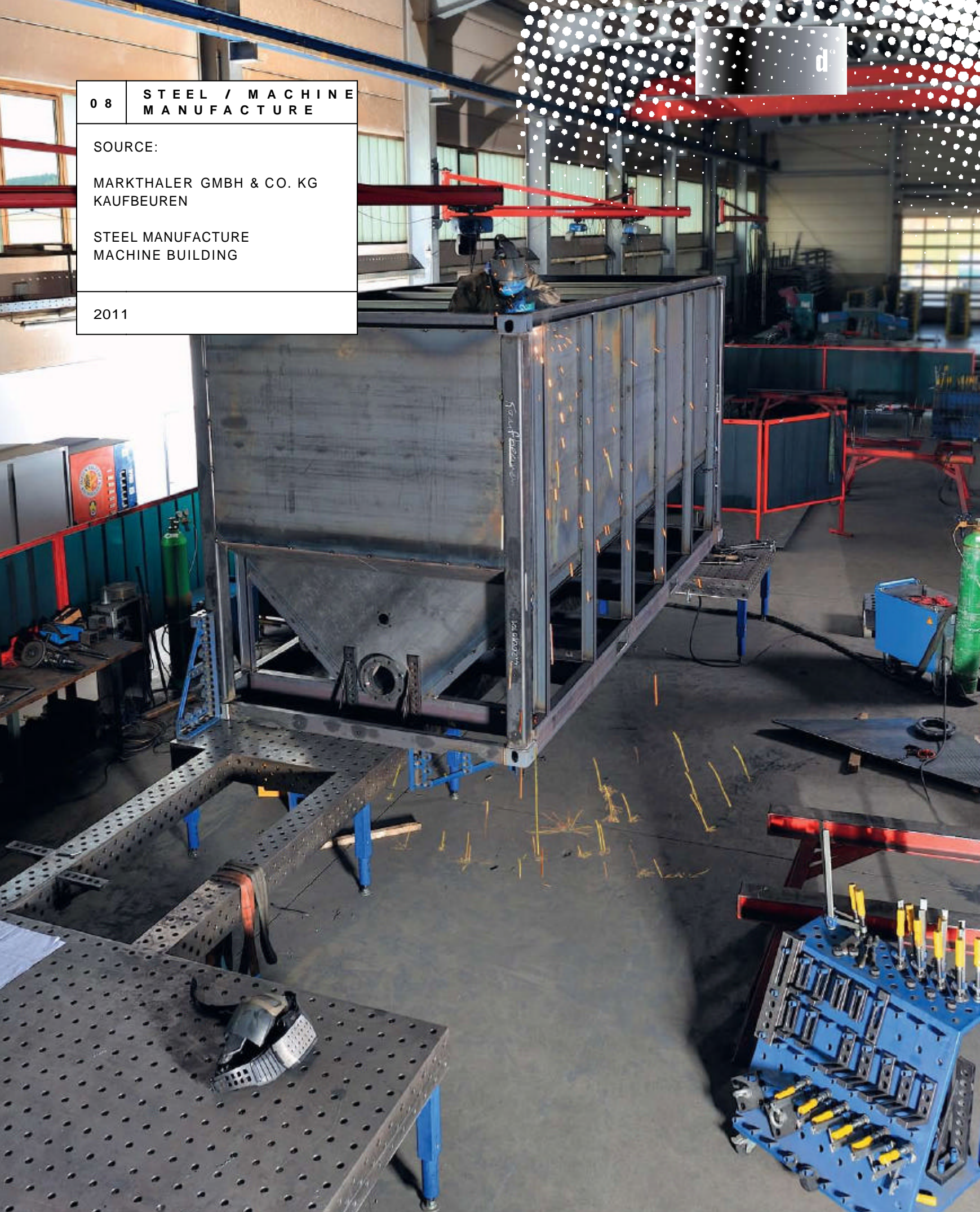
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**STEEL / MACHINE  
MANUFACTURE**

SOURCE:

MARKTHALER GMBH & CO. KG  
KAUFBEURENSTEEL MANUFACTURE  
MACHINE BUILDING

2011





### maximum loads - minimal tolerances



The bavarian steel construction company can look back at a business-tradition of 90 years. Markthaler GmbH & Co. KG delivers halls, steel-stages, crane assemblies, bridges, conveyor techniques as well as custom made installations, and all that already in the 4th generation.

The engineers offer competent solutions from the construction over to the production and the installation. By offering the whole chain of economic value added, the steel specialists out of Kaufbeuren are able to design customized concepts and to uphold the highest quality standards.

A company that provides individual answers needs working place equipment that has the necessary flexibility to realize them. Today a multi-level fire ladder, the next day a conveying system and the day after tomorrow a steel bridge – these projects are impossible to handle without a clamping and welding table with extremely changeable and universally useable support surfaces. Even if the steel constructions get bigger, the dimension tolerance is essential; it is always about millimeters and safety.

