



With the modular system









# **PROFILE SYSTEM & LINEAR SYSTEM**

# THE PERFECT BASIS FOR A VARIETY OF APPLICATIONS

# The intelligent modular system for mechanical engineering

Aluminium profiles and profile systems have become indispensable in industry, mechanical engineering and automation. The modular MiniTec profile system has already proven its reliability in many different industrial areas. In combination with our linear technology, the modular system is the basis for a wide range of demanding applications in trade and industry. This diversity is what MiniTec customers around the world value and makes MiniTec a leading partner in the industry.



Profile system



Linear technology

# Profile series 45 & profile series 30

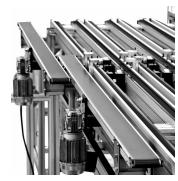
There is a wide selection of profiles and components available for each application. All components are of high quality, perfectly matched and easy to use. Our aluminium profile series in the 30mm pitch convinces in the lower price segment and is ideally suited for vehicle development or the construction of showcases.

## Classic fields of application

From an ergonomic workstation to the prestigious showcase, from stable safety fences to the basic structure of a complex conveyor system or an automated assembly line - flexible and robust, only the designer's imagination limits the possible applications based on the MiniTec modular system.



Workplace systems



Conveyor technology



Protection systems



# SIMPLE SOLUTIONS FOR COMPLEX SYSTEMS INTEGRATED ASSEMBLY SOLUTIONS FROM ONE SOURCE

# Tailor-made factory und assembly automation

Our solutions are just as individual as our customers' requirements. As a full-service manufacturer, we use our design system to implement intelligent systems and special machines for a wide variety of tasks in all important industrial sectors: from automotive, chemicals and electrical engineering to energy supply, aerospace, mechanical engineering, the metal and pharmaceutical industries.



#### **Contact**

Are you planning a new assembly line or would you like to optimize and automate existing production and manufacturing processes?

Our experts for integrated assembly solutions will be pleased to help!

- Nina Huber, Reiner Krück, Peter Müller
- E-Mail: solutions@minitec.de
- Phone: +49 (0) 6373 8127-247



Handling system for flanges incl. workpiece testings



End of line assembly for truck exhaust systems



One-Piece-Flow assembly line for office furniture



Backend-assembly line for photovoltaic-modules



# WE GLADLY ACCEPT YOUR CHALLENGE

# FROM DESIGNING TO IMPLEMENTATION

Whether simple workstation or complex assembly line: *MiniTec* offers you full service. From consulting and project planning with our own software development to on-site installation.

Our service teams provide fast remote maintenance and regular software updates for troublefree operation. And if a repair, training or extension is necessary, our experts are also on site in the shortest time.

# **CUSTOMER SERVICE ON-SITE**

14 consulting offices in Germany alone support our customers in problem analysis and develop initial solutions. Our partners worldwide have access to more than 60 bases.

## **DESIGNING AND ASSEMBLY**

More than 30 experienced engineers are constantly developing and testing new components for the MiniTec-profile system at the company's headquarters. On the basis of this system, we develop tailor-made solutions for a wide variety of applications after intensive consultation with our customers. The Ergonomics team develops, for example, comprehensive production solutions with workstations, Kanban production control, pick-to-light picking and electronic operator guidance. All necessary competences from mechanical design to electrical planning, switch cabinet construction, programming, data processing, assembly and installation on site including remote maintenance are available in-house. Our customers benefit from our comprehensive expertise and experience through numerous developments for a wide variety of industries and challenges.

# **USER TRAINING**

We offer our customers free training courses on individually arranged dates in our company. You will receive valuable tips and tricks to benefit even faster from the advantages of our modular profile system. Among the topics of our free training courses are:

- Selection of profiles and components
- Connection technology without drilling and thread tapping
- The MiniTec linear system: application and combination options
- Workplace design and conveyor technology
- Practical advice on problems of the participants



#### **SOFTWARE**

Our CAD tool iCAD Assembler is the logical addition to the hardware of our construction kit. Only the combination of hardware and software opens up the full potential for efficient mechanical engineering.

- System independent 3D design tool
- Electronic catalogue
- Direct interfaces to all common CAD systems
- Automatic parts list
- Integrated plausibility check
- Automatic machining drawings
- Configurators for workstations, linear axes, conveyor belts, roller conveyors, protective devices





# THE ART OF SIMPLICITY

**MiniTec** has continuously developed from a specialist for miniature guides to a leading technology company and special equipment manufacturer

Today 420 experts at 11 locations in Germany, France, USA, United Kingdom, Spain, Slovenia and China develop tailormade solutions for our customers. At the same time, more than 60 partners worldwide ensure reliable service and competent technical support.

Our solutions are just as individual as our customers' requirements. As a full-service manufacturer, we use our design system to implement intelligent systems and special machines for a wide variety of tasks in all important industrial sectors: from automotive, chemicals and electrical engineering to energy supply, aerospace, mechanical engineering, the metal and pharmaceutical industries.



1986
Founded



**420 Employees**280 in Germany



60
Sales and
service partners
around the world



Business award
"Innovativer Mittelstand"
Award
"Attraktiver Arbeitgeber
Rheinland-Pfalz"
Honorary award
of the region Westpfalz
Hidden Champion



**Locations**Germany, France, Slovenia,
United Kingdom, Spain, USA,
China



# **LOCATIONS WORLDWIDE**

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# MiniTec partners worldwide

Australia | Austria | Belgium | Bosnia and Herzegovina | Brazil | Bulgaria | Canada | China | Croatia

Czech Republic | Estonia | Finland | France | Greece | Hungary | India | Italy | Latvia | Liechtenstein

Lithuania | Luxembourg | Malaysia | Mexico | Montenegro | Netherlands | New Zealand | Northmacedonia

Poland | Portugal | Romania | Russia | Serbia | Singapore | Slovakia | Slovenia | South Africa | Spain

Sweden | Switzerland | Turkey | Ukraine | United Kingdom | USA | Vietnam