



**metak**

Plastic in its best form



## Our claim. Your certainty.

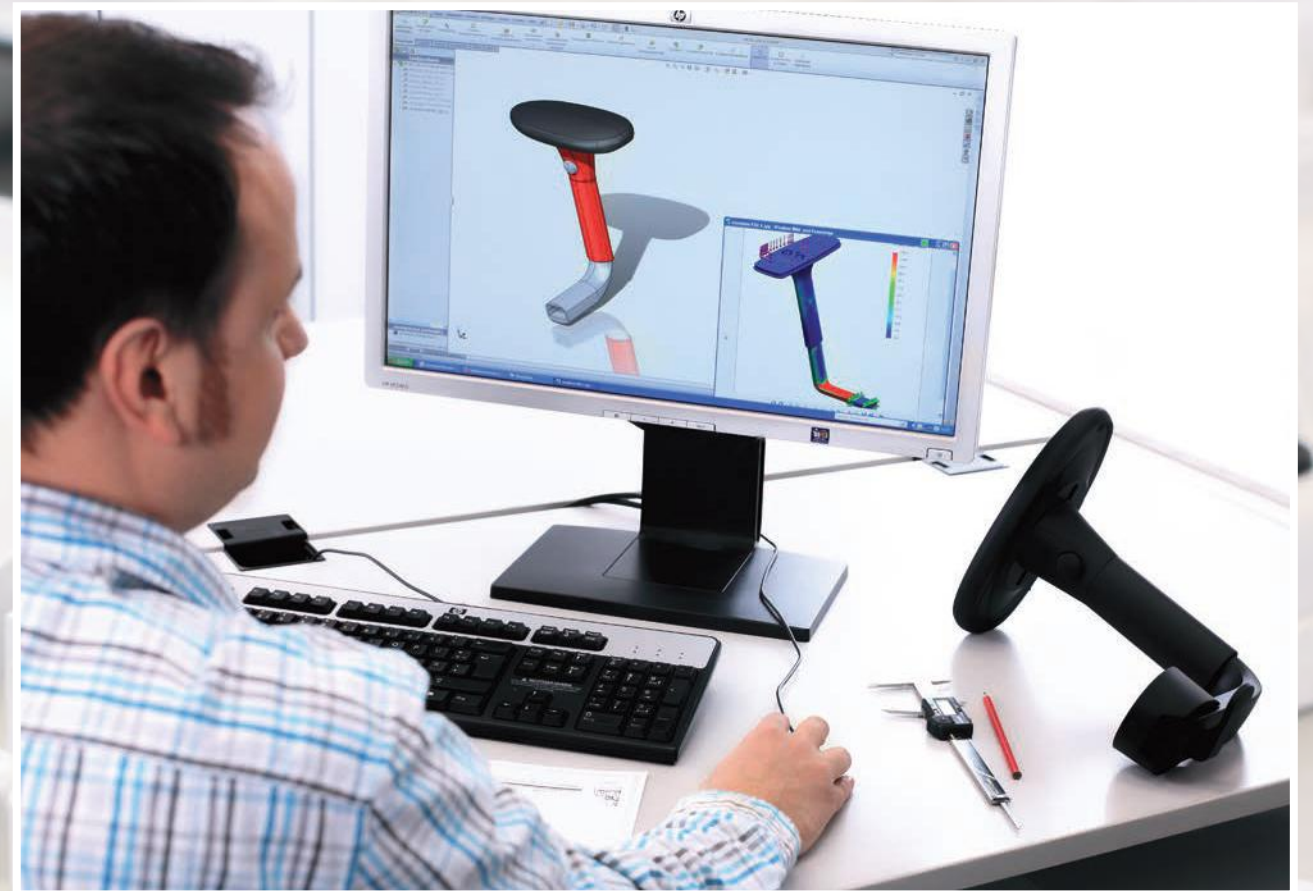
Our company has grown continually since 1933, thanks to skill, quality, and reliability. Today, metak represents plastic in its best form. Certified to DIN ISO 9001, we provide tailored solutions to international customers in various branches of industry, e.g. furniture, heating, solar power, tool-making, and electrical engineering.

Benefit from our passion for plastic. Technically and financially.



# WE SUPPLY SOLUTIONS





## From the initial ideas to series manufacture

For injection moulding, knowledge of plastic-specific and forming technology requirements is the Alpha and the Omega. True to our motto „We sell services, and not just products“, with heart and mind we apply our experience, gathered over many years, to each of your projects.

Working closely together with you, we develop all types of items and

assemblies in plastic. In harmony with your wishes, we are happy to put shape to your ideas as early as the design stage, and to supplement your operational effectiveness. In this phase, we therefore take over all or individual tasks on your behalf, as you require: from project management, feasibility analysis, FEM calculation, filling simulation, prototype construction, to the

optimum matching of the material in terms of flow behaviour and surface characteristics.

Have you already drawn, calculated, and defined everything? Then we can very simply import your data into our CAD systems and implement it in series production.

# KNOW-HOW





# MANUFACTURING EXPERTISE

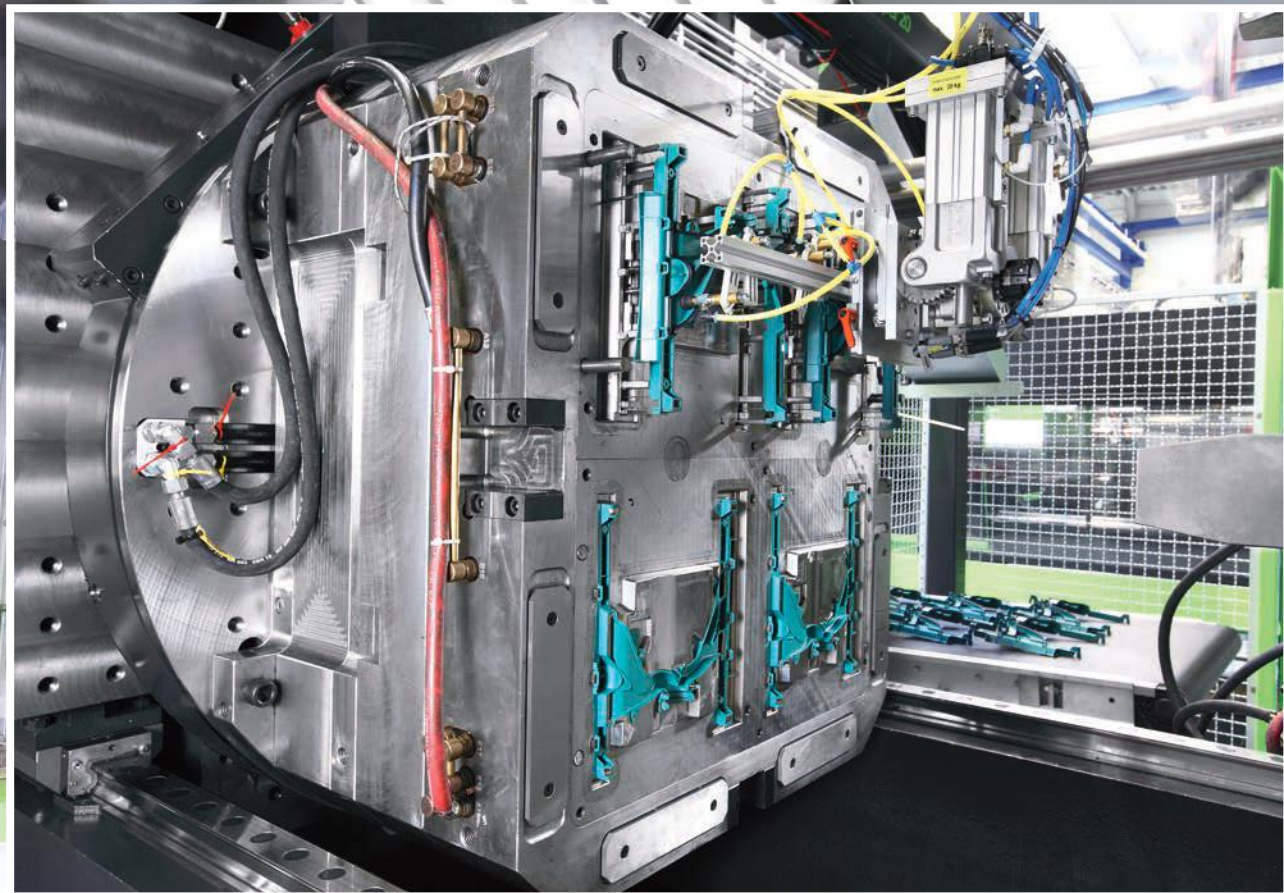
## Perfection - from filigree to thick-walled

No matter whether the injection-moulded part which you need weighs a featherlight 0.5 g or a hefty 6,500 g - we produce it completely formed.

Because for us precision and visual appearance are not a contradiction, they are a matter of course. Both for extra-fine and very thick-walled products. You will see and feel this.

Guaranteed. Rely on the experience of our engineers and technicians. And on the efficiency of our machine park: In more than 50 injection machines with a closing force of 25 t to 1,300 t, we process around 100 different types of thermoplastic materials into plastic articles of the highest quality. You will see: metak is your partner. Across the board.





# MANUFACTURING PROCESSES

Technology which convinces.  
And environmentally, too.

We are happy to invite you to visit our production facilities. On one hand, to show you what is technically possible today in injection moulding. And on the other hand, so that you can share our enthusiasm for innovation and our daily commitment to the environment.

Look forward to an informative tour, during which we can also show you our current injection moulding processes, if you wish:

- Compact injection moulding
- Mono-sandwich injection moulding
- Multicolour injection moulding
- Transfer process
- Rotary disc process
- Injection moulding machines with automatic insertion for surround-moulding of metal insertion components (screws, studs, etc.)

We will also be pleased to show you on site how we reduce our energy consumption through the use of very modern servo-hydraulic and fully electric machines, use waste heat effectively, and regain heat from the cooling water cycle and granulate melting.

Good to know: if you want your plastic components to be enhanced, we can be trusted to galvanise, print, lacquer, or vacuum-emboss them as per your requirements.



# FORM BUILDING

Being high-tech makes us independent  
and compliant with deadlines.

In addition to the high quality of our products, security of supply is an important reason for our customers' confidence. We know this and so we accept, with no 'ifs' or 'buts' the responsibility for the rapid and reliable maintenance, adaptation, and repair of all forms on site - and in time-critical situations too.

Rely on our team of very experienced and highly trained toolmakers and designers, and on our machine park, which allows for all current processing technologies, such as spark erosion, jig grinding, CNC milling, or high speed cutting.

We will also be happy to take on the construction of the necessary work-tools: here at our site, or in collaboration with trusted partners in other European countries or in Asia. Together with these partners, we are in an excellent position to fulfil your requirements and the challenges of your market very flexibly.







# INSTALLATION OF ASSEMBLIES

Assembly. In the  
best hands with us.

Pressing, screwing, fastening, inserting, printing, and packaging - many of our customers have their components assembled by us directly. Because this service gives you valued reliability, in financial and technological terms. So we carry out this service for you at fixed terms, and furthermore we guarantee the correct functioning of your assemblies.

This means that we do not only apply our extensive technical knowledge in this area for you, but the individual parts are matched to one another so that all assembly-specific tolerances are taken into account and balanced.

Interested in finding out more? Then speak to us about your requirements. We will be pleased to give you an individualised proposal which will add up for many reasons.





# LOGISTICS

A great deal:  
You outsource, we insource.

Beyond the obvious, such as just-in-time delivery, carriage paid, or ex-works, and barcode tracking, what benefits can we offer you? We mean business benefits; we are happy to agree annual call-off amounts which you can request at any time at short notice, in quantities which suit you

best. Which in turn means that your tied-up capital is minimised, and often leads to pricing benefits due to quantity-related discounts when buying materials.

Also possible: The use of your company or product specific packaging

or transport containers, both one-way and multiple-use. That continually saves you repacking time in your own facilities, and shows you once again that your need is always the focus for us. Large or small. That's a promise!



# metak

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