



▲ Retractor housing for seat belts, manufactured using a 23-stage progression tool.

Keep it simple

Let our 70 years of experience of producing metal components for the automotive industry solve your problems.

WE ARE SPECIALISED in engineering and manufacturing of metal components for automotive and industrial applications. Our working approach is characterised by smooth integration with the customer's processes, coupled with the expertise to act as problem-solver and implementer. Our strength lies in bringing simplicity and clarity to complex products.

With more than 70 years in the industry, we can guide you quickly and efficiently from initial concept to finished product. For us, simple means cost-efficient solutions combined with exceptional service and premium quality.

KEEP IT SIMPLE! – let Gnotec take care of your hard work.

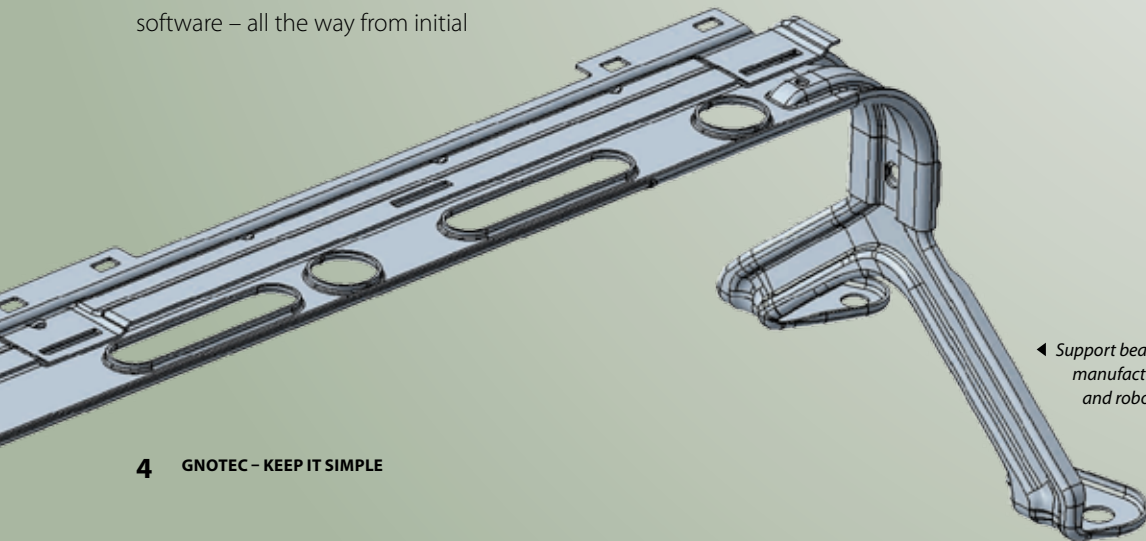
Make it work

This is what we love to do. Evolve, develop and solve, through experience and smart, creative thinking.

OUR APPROACH is always to regard each problem and product as unique and this calls for task-specific expertise combined with professional assessment and handling. We work with the latest CAD/CAM and MRP software – all the way from initial

3D models, via AQP engineering and tooling to the finished product. Our operations in Sweden and Slovakia offer state of the art technology and more than 400 employees ready to

MAKE IT WORK!



◀ Support beam for a water cooler, manufactured using automatic pressing and robotised resistance welding.





What about you?

HAVING WORKED CLOSELY with leading companies in the automotive industry, we have amassed solutions for most problems in the sector. Our customer relations therefore tend to be strong and long-term – in fact when we reach the end of a project we are often already involved in the next one.

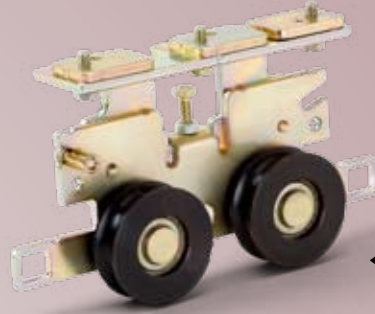
We regard ourselves as a business partner, working alongside the customer with the optimum solution as our common goal.

Our versatile manufacturing processes makes us an ideal product development and production partner for advanced mechanisms.

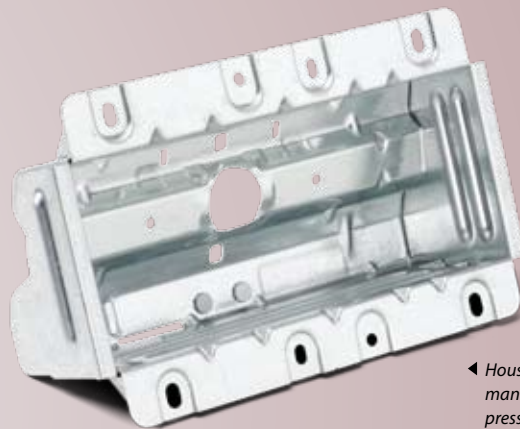
Our knowledge of material properties and forming, combined with innovations in process development, enables us to offer cost-effective solutions.

This is how we like to work and collaborate. **WHAT ABOUT YOU?**

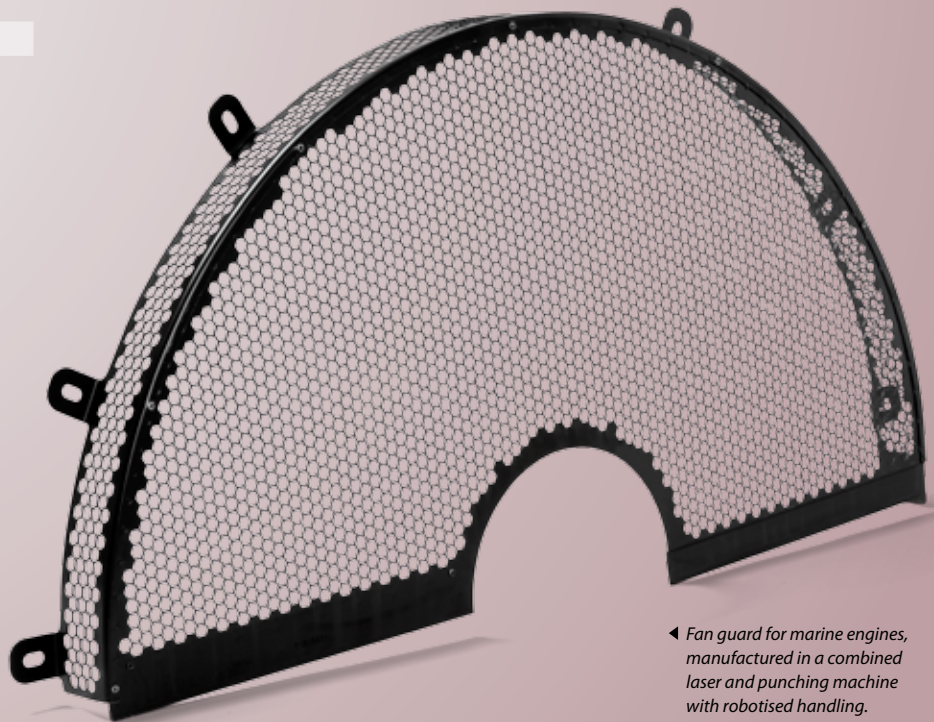
Automotive Industry



◀ Carrier for sliding doors, manufactured, assembled and shipped to a world-leading European customer.



◀ Housing for an airbag, manufactured in a 630-tonne press line and assembled in a special-purpose machine.



◀ Fan guard for marine engines, manufactured in a combined laser and punching machine with robotised handling.

At your service

We offer state of the art processes and solutions for different volumes, materials, thicknesses, complexities and applications.

STAMPING

We have automatic stamping, using both progressive and transfer tools, in modern press lines up to 8,000 kN. We handle tools up to 5.6 m in length and weighing up to 20 tonnes. We offer pressing of complex 3D geometries with tight tolerances in volumes ranging from a few prototypes to several million.

RESISTANCE WELDING

We have extensive capacity for resistance welding. Our welding machines have a unique level of automation. Our unique standard for welding tools gives us considerable flexibility with short set-up times and efficient, disruption-free production.

ARC WELDING

We offer high capacity and excellent quality in cost-effective robot welding cells using welding fixtures up to 2.5 m in length. Manual welding is offered as a complement when serial sizes do not permit robotised welding.



LASER CUTTING

We carry out laser cutting, punching and press bending on modern, highly effective machines. Materials used are mild steel, galvanised steel, stainless steel and aluminium in thicknesses up to 12 mm. No tool investment is needed, enabling us to keep costs down.

ASSEMBLY

We offer quality-assured assembly of products in both high and low volumes, packed and delivered all over the world. Special-purpose assembly machines are developed and built when required to assure quality and keep costs to a minimum.

TOOLING

Our tool shop is used for production, repair and maintenance of all existing types of tools. Our personnel are experienced and well-trained and use the latest technologies. We work closely with several of the most knowledgeable toolmakers in the world.



ENGINEERING

We assume responsibility throughout the whole project phase, from idea to concept proposal, including design, engineering, prototyping, validation and testing. We have in-house engineering resources with CAD tools such as Catia® and SolidWorks.

PROTOTYPING

We have built up our own prototype workshop to focus exclusively on this crucial area. We work with all kinds of basic materials and using everything from hand-drawn sketches to advanced CAD models. We also co-operate with external prototype manufacturers.

LOGISTICS

We communicate with our customers electronically and constantly update our business systems in line with new requirements, rules and regulations. We deliver worldwide and have a well-organised and computerised logistics function.

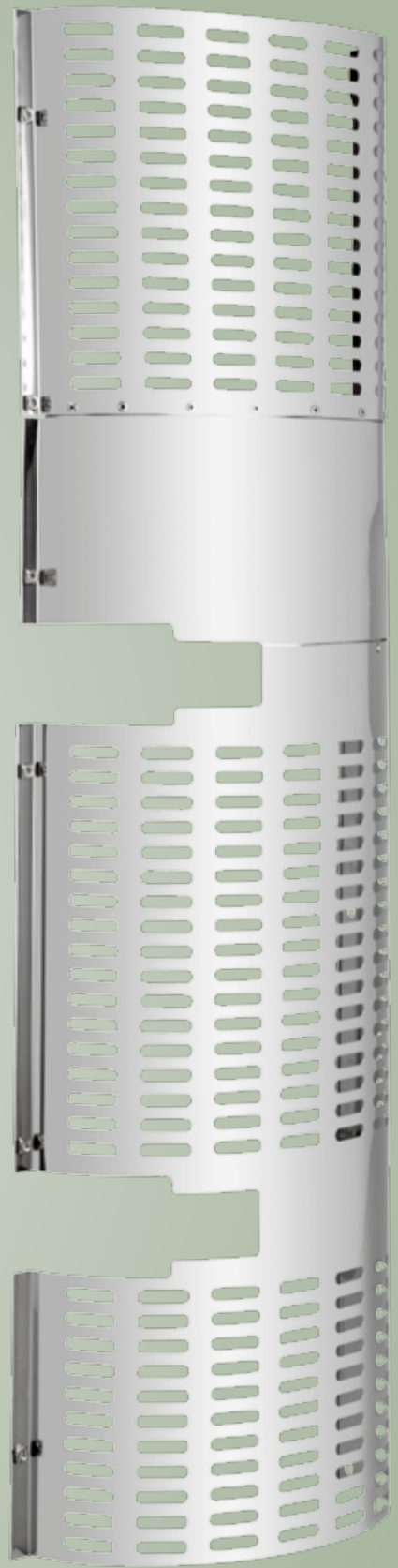




▲ Gearbox component with extremely high tolerances, produced in an 800-tonne press line with an 8-stage progression tool.



◀ Straps for fixation of fuel tank. Produced using automatic pressing and special purpose machinery.



▲ Heat shield in stainless steel for a leading European truck manufacturer. Produced on a robotised laser and punching machine.



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