

"A winning partner
for your development projects"

ampia

Since 1986, *ampia* has specialized in supplying parts and assemblies manufactured using rapid prototyping. It has extended its field of expertise to tooling manufacturing and thermoplastic injection, offering customers small and medium-sized production runs

**The best compromise between
technology and value for money**

Prototypes and small industrial volumes





The Mould

1 > co-design

Our methodology:

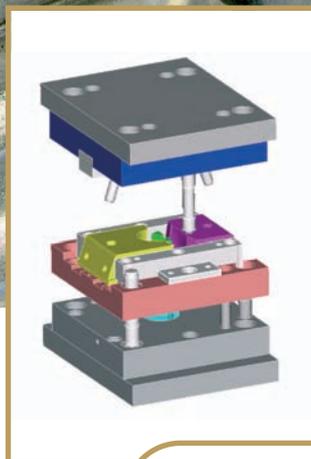
- Involvement early on in the process.
- Plastic and mechanics / parts and tooling expertise.
- Clear communication at all stages of the project.

Our tools:

- 6 CAD/CAM workstations.
- MOLDFLOW simulation software.
- PRO-ENGINEER design software.
- Programming software: WORK NC, MISSLER, STRATEGIST
- Modelling workshop

During the development of your new products, *ampia* works alongside you in the fields of plastics, modelling and design, with a team of attentive experts.

Our goal is to ensure your project is a success by providing technical support and offering innovative and economical technical solutions.



2 > Tooling

Our goals :

- To meet your needs within your deadlines.
- To anticipate and correct problems prior to the start of manufacturing.
- To best assist project managers in approving their initial samples.

Our resources :

- Milling and grinding machining centres.
- 4 high-speed machining centres.
- Spark and wire erosion machines.
- 5-axis high-speed milling machine.

From technical advice during the design phase to the manufacture of the prototype and pre-series tooling, *ampia* can provide you with the parts required to validate your concepts within a few days. Our goal is to enable you to validate your concepts and material choices prior to starting mass production of tooling. *ampia* is fully committed to the success of your project and its industrialisation.





Injection test centre

Our test centre guarantees fine-tuning of tools and injection of your production runs. The use of 65 to 400-tonne presses enables us to react rapidly to tooling adjustments and modifications.



Injection

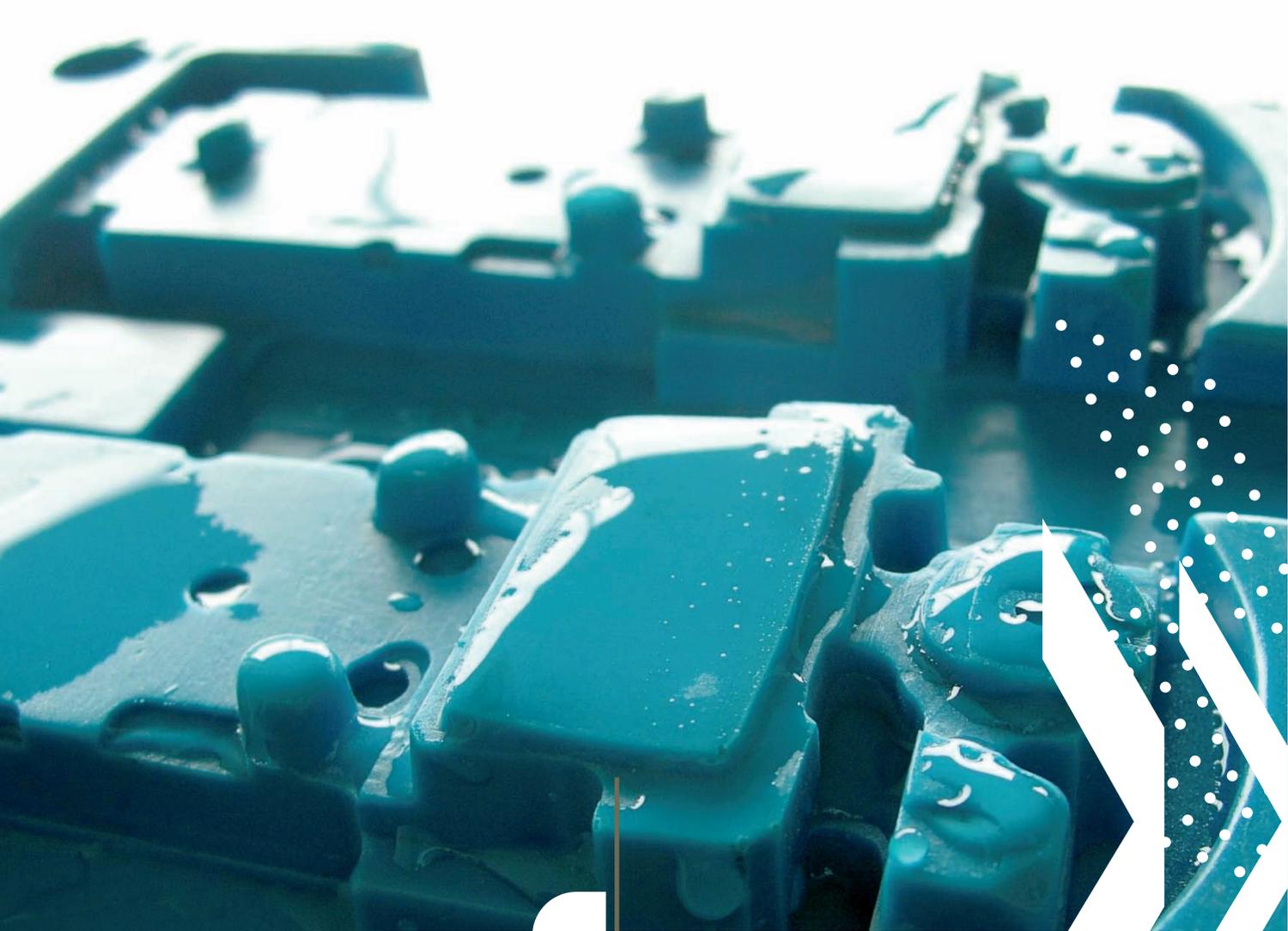
ampia is an expert in thermoplastic injection (ABS, polycarbonate, polyamide, polypropylene, elastomer, etc.), enabling you to bring your projects to life.

Our know-how has led us to partner numerous developments of both technical and aesthetic parts in a wide variety of sectors.

Our presses are fitted with modern control systems and the peripheral devices required to ensure a reliable process.

We can also provide the following services:

- post-press assembly
- supply of sub-assemblies
- ultrasound welding



Resin & silicone overmoulding

Resin overmoulding of canons, bearings, locking pliers or robots.

Thanks to its expertise in silicone, *ampia* offers:

- potting of electronic control units.
- complete or partial silicone treatment of electronic components.

»Applications : Sealing, explosion-proofing, heat and sound insulation, protection of components in harsh environments, component encapsulation, parts and process.

Loading

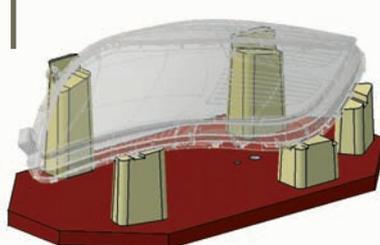
Loading and plates

Using your CAD files or model parts, *ampia* studies and implements your assembly loading, conveyor plates and control templates.

Singly or in small and medium production runs, according to a wide range of hardnesses and colours, resin loading offers steady positioning of your parts, while at the same time conserving their original aspect, whatever operations are to be carried out.

Suction cups & seals

Made of silicone or PU resin, from 15 Shores A to 65 Shores D, *ampia* can study and design your sealing and part gripping tools.





Quality commitment

ampia 's guarantee of quality lies in the combination of its expertise and 20 years of experience in sectors as varied as:

- » automotive
- » medical
- » robotics
- » connections
- » cosmetics
- » telephony
- » leisure...



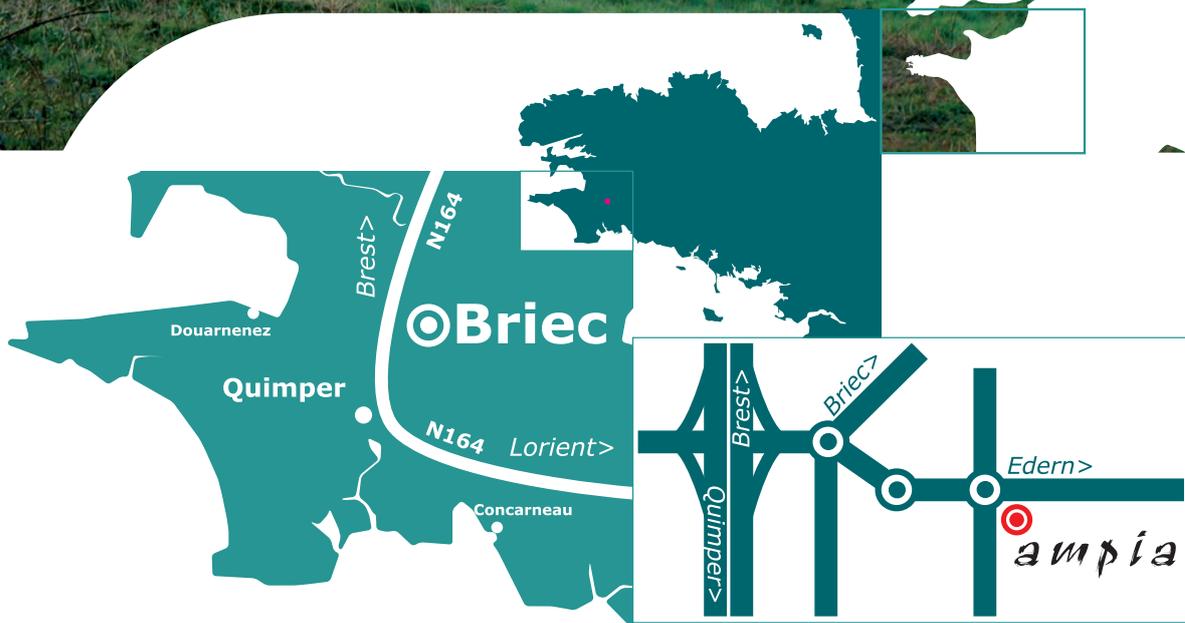
Since its origins, *ampia* has been committed to Quality, implementing an approach aiming at constantly improving the quality of service provided to its customers.

Customers are the focus of all our activities and we do our best to offer services to meet their expectations: this is our definition of Quality.

Our Quality approach must constantly enable us to improve and to measure the progress made.

In order to meet the Quality challenge, we must:

- » fully commit at each individual level of responsibility,
- » regard the Customer as the most important person in our business,
- » encourage a permanent desire for progress.



Contact

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