



LTP

La Tôlerie Plastique



Custom Plastic Enclosures

No moulds, no tooling, low to medium production runs



LTP designs and produces custom plastic enclosures for electronic devices manufactured in small to medium production runs.

An integrated PROCESS without any tooling costs

In order to guarantee the expected service by the customer, with the flexibility and the reactivity indispensable for the markets of small and medium production runs, LTP has integrated the necessary resources here on site in Octeville sur Mer, Normandy, France:

- Engineering / design office – Solidworks
- Dedicated prototype assembly team
- Manufacturing plant for serial production runs
- Computerised Numerical Control (CNC) milling tables
- Angle-bending and round-bending machines
- Mounting and gluing teams
- Finishing workshops: painting and marking
- Final in-house quality control and logistics



One TEAM, One ORGANISATION

Resolutely focused towards our customers' satisfaction, the LTP team and organisation works within the scope of ISO-9001.

One team...

- > With an open ear for difficulties and needs
- > Technical and experienced
- > Multi-disciplinary
- > Available for our customers

One organisation...

- > Flexible and reactive towards customers' urgencies
- > Secure to achieve the expected results
- > Incorporating the tractability of corrective actions
- > Organised within the principles of Lean manufacturing

With 40 years of experience in serving customers, the LTP team advises you and brings technical and aesthetic solutions towards all your difficulties and needs.



The technology of plastics sheet bending, proven for 40 years, is the most efficient technology for small and medium size production runs.

ADVANTAGES of the technology

Invented in 1985 by the company LTP, the technology of plastics sheet bending allows to design and manufacture customised plastic enclosures without any mould or tooling:

- No initial investment
- Product evolution possible between each production batch
- Quick production & design lead-times for prototypes
- Short production lead-times for serial production runs
- No minimum quantities for serial productions
- An entirely customised and unique product with mounting features and finishing



THE APPLICATION SECTORS

- Design and manufacture rapidly
- Integrate the production evolutions without additional delay or cost
- Adapt the product to each market segment: functionally and aesthetically

↘ Many challenges to take up in those branches, requesting short time to market. LTP allows its customers to win market shares, implant themselves and stand their ground within a fierce competitive environment.

LTP is the preferential partner of companies within the following **Electronic Application Sectors who demand this reactivity:**

Health & Beauty



medical, laboratory, paramedical, cosmetic

General Electronics



smart building, IoT, detection and security, office, professional IT

Industry



continued and discontinued processes, control and measurement

Established all over the European territory, LTP serves over 500 customers each year.

Our two development options



DESIGNCASE

LTP 100% custom designed

- Custom Designed
- Quote within 48 hours
- Prototype within 5 weeks



100% CUSTOM DESIGNED

ELECTRONICASE

LTP pre-designed to configure

- Pre-designed 3D model to choose and to configure
- Customisation of the model based on your needs
- Immediate online quote
- Prototype within 5 to 10 days



PRE-DESIGNED TO CONFIGURE

DESIGN & AESTHETICS:

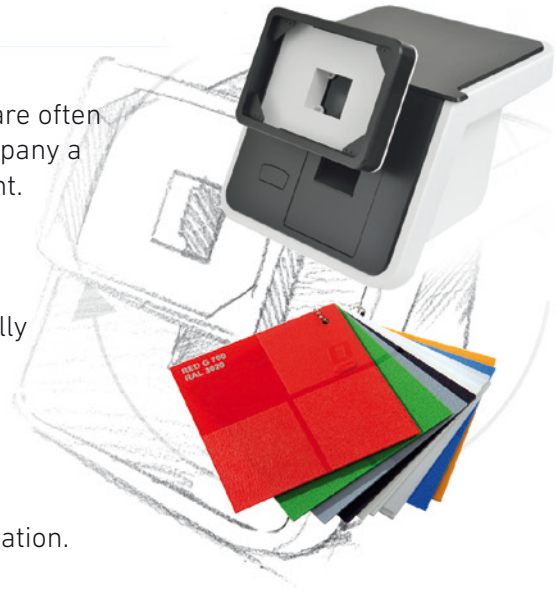
Shape, material, colours...

In a highly competitive environment, those elements are often essential to make the difference and to give your company a dynamic image and to reinforce the sales development. LTP accompanies you in the development of the most suitable design for your enclosure or cover.

The finishing production steps are all realised internally in our on-site workshops:

- Marking: digital print
- EMI paint: Selective application of EMI copper paint
- Paint and clear varnish: All colours are available

Those operations are included in our ISO 9001 certification.



MULTI-TECHNOLOGY OFFER:

One contact for all your projects:

- LTP assists you in the search and deployment of the technical solutions for your project.
- We select the most adapted sub-contractors within our approved partner network.
- We coordinate the entire project that has been assigned to us.

Our partners guarantee the best offer for the services below:

- Integration of equipment and cabling
- Metal works (chassis, structures)
- Additive manufacturing (3D printing)
- Injection moulding and thermoforming
- CNC milling
- Membrane keyboards
- Bespoke packaging

ECO-RESPONSIBILITY:

Eager to respect the environment, the company La Tôlerie Plastique uses raw materials adapted towards the following objectives:

- Products designed and manufactured to last
- Minimisation of production milling waste
- 100% recycling of production milling waste
- R & D activities around eco-design
- Social and environmental due diligence approach with certification
- Offer based on 100% recycled plastic
- Conformity to RoHS and REACH directives





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From the first contact,

an experienced technical sales person is assigned to each customer, in order to accompany the customer within the first steps of the project:

- **Verifies the correct understanding** of the electronic device's application and its environment
- **Advises and brings** technical solutions
- **Sets a provisional budget** for the prototype realisation and the manufacturing of a serial production

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After wards,

the technical and production teams of LTP take over to:

- **Design and manufacture a prototype:**
An indispensable step to verify the correct understanding of the given information and to allow the customers test the functional capability of the product towards their needs
- **Manufacturing of the serial production run:**
From quantity 5 to 2000, our work shop assures the manufacturing equivalent to the validated prototype

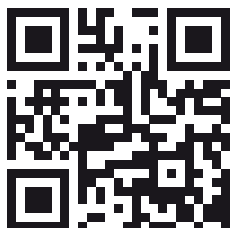
France + Export

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