



***From design through the
prototype to production***

CREOPP-TEC
***Integrator of global solutions in
the area of plastics manufacture***



Du design à la série en passant par le prototype From design to prototype and production line



Cabinet de design
Bureau d'étude
Prototypage rapide
Conception et réalisation d'outillages
Rhéologie

2 Recherche et développement Research and development

3 Prototypage rapide Rapid prototyping

4 Rhéologie et calcul de structures Rheology and structural calculations



Design consultancy
Design office
Rapid prototyping
Moulds and tools design and production
Rheology

5 Conception et fabrication d'outillages Moulds and tools production

6 Injection plastique Plastic injection

7 Industrialisation (montage, peinture...) Industrialisation (assembly, painting, etc.)

Une force de proposition

- Prise en charge du projet dès sa naissance
- Rigueur dans la recherche du concept et de l'innovation garantissant une qualité de travail
- Optimisation des coûts, des délais et d'énergie entre la recherche et le développement technique
- Réunion de toutes ces compétences dans un même lieu

Des moyens de production performants

- Ingénieurs qualifiés spécialisés dans la plasturgie
- Forte expérience dans le moule (technique, bi-matériau, dévissage, injection gaz, etc...)
- Stéréolithographie haute résolution

Des domaines d'activité variés

- Automobile
- Bricolage
- Electronique
- Cosmétique
- Puériculture
- Emballage
- Industrie du jouet
- Industrie de l'armement et de la défense
- Sport et loisirs

We offer expert recommendations

- We take over the project from its infancy
- We take a rigorous approach to our research into the concept and innovation in order to provide a high quality of work
- We can optimise costs, timings and energy between the research and technical development phases
- We offer a full selection of skills under the same roof

Efficient production facilities

- Qualified engineers specialising in plastics technology
- Strong experience in the mould (technique, bi-material, moulds with floors, unscrewing, blowing, asq, etc...)
- High resolution stereolithography

Varied fields of activity

- Car industry
- DIY
- Electronics
- Cosmetics
- Child care
- Packaging
- Toy industry
- Arms and defence industry
- Sport and leisure

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Créateur de formes
shapes'creator

LE DESIGN
THE DESIGN

Research & Development :

CREOPP-TEC.COM

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DESIGN

CREOPP-TEC, your sole contact from the idea through design to industrialisation.

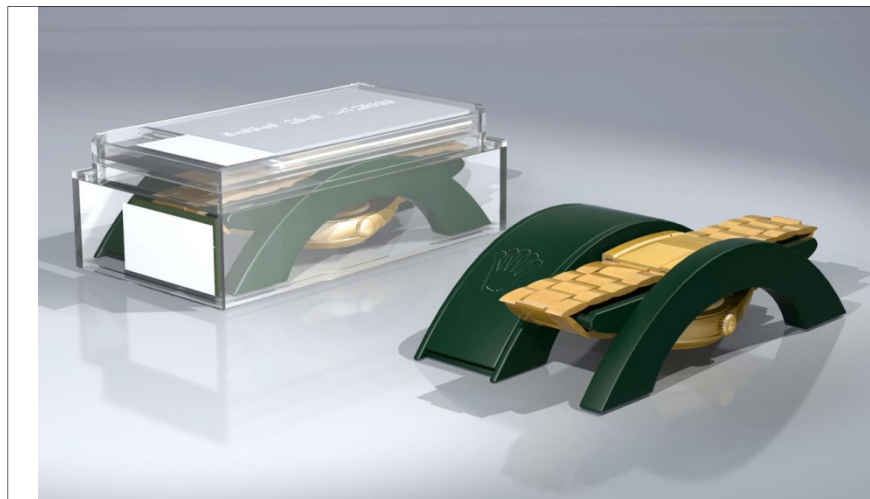




- No loss of time, **money** and energy between technical research and development: **CREOPP-TEC** has all the capabilities in a single location. **Our experience** in plastics manufacturing (injection, moulding, thermoforming, extrusion, etc.), **our responsiveness** and our industrial partners make it possible for us to provide the **creativity** to benefit **your new products**.



- **CREOPP-TEC**, incorporates **ecological design** from the ideas stage.
- Promoting the use of new materials and energy-saving manufacturing processes that minimise use of resources.





RESEARCH & DEVELOPMENT OF PRODUCTS

CREOPP-TEC designs products while ensuring to follow the production principles for **cost reduction** in tooling and production.





CONCEPTION DE PRODUITS INDUSTRIELS
SCANNER 3D, PALPAGE
INDUSTRIAL PRODUCT CONCEPTION
3D SCANNER, SCATting

Research & Development :

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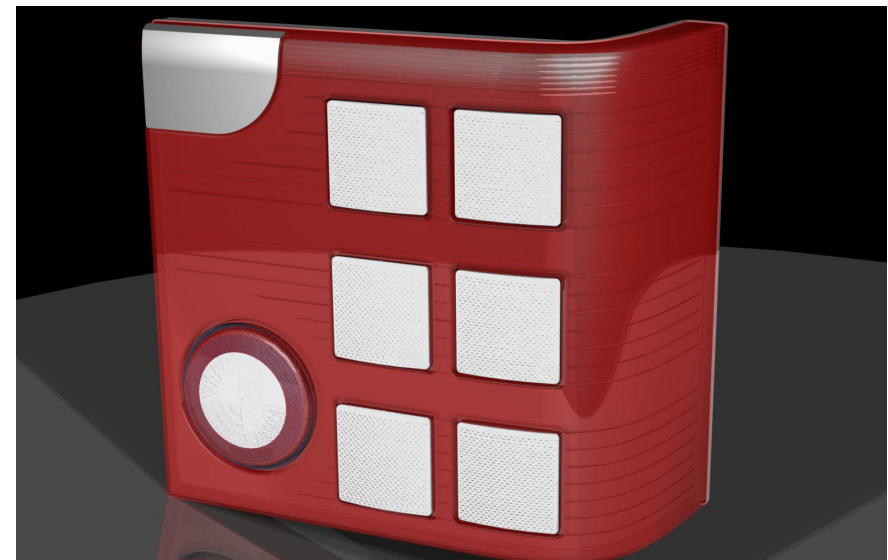
Automotive Accessories - Armrests



RENAULT



Automotive Accessories – Indicator Lights





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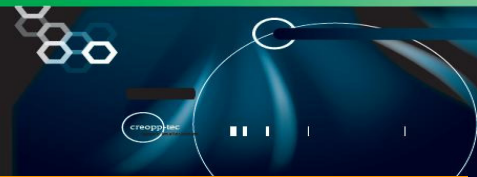
Research & Development :

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Toys and Child Care





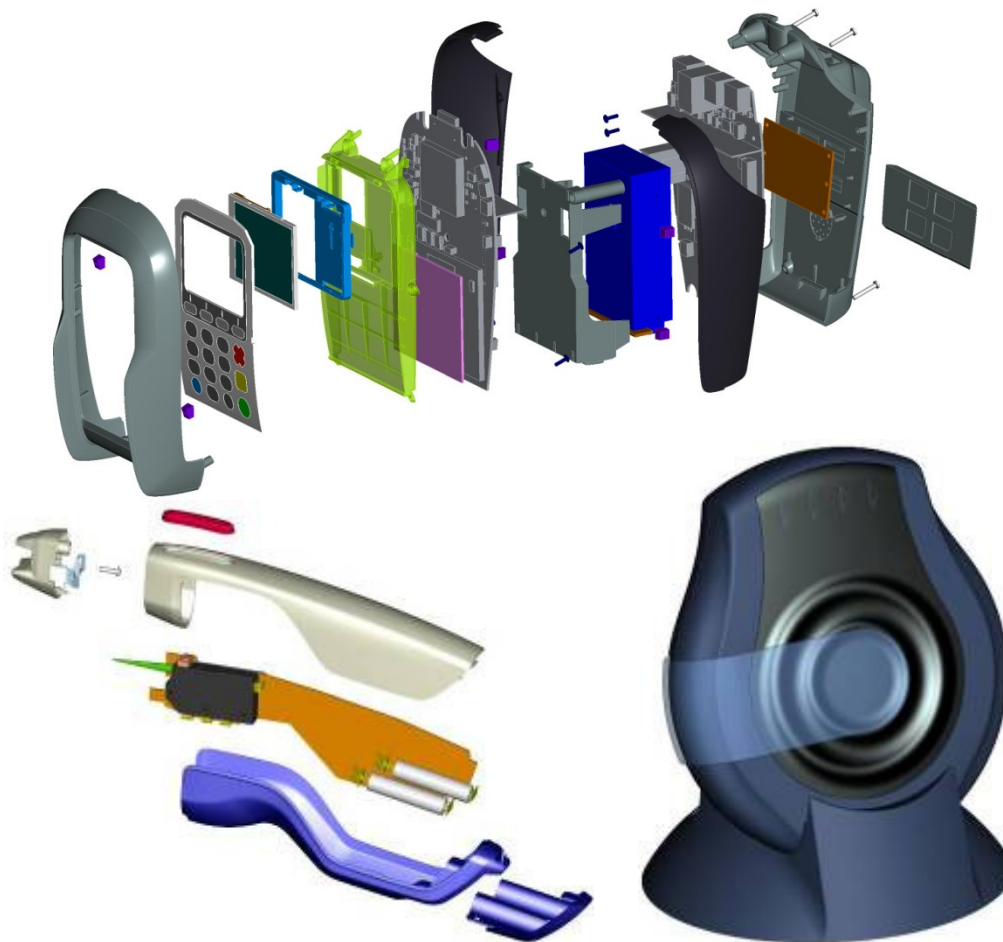
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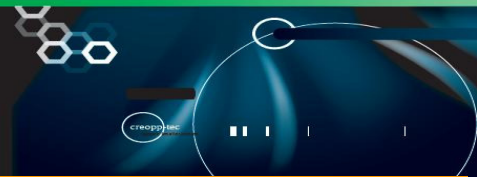
Research & Development :

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Electronics and Communication





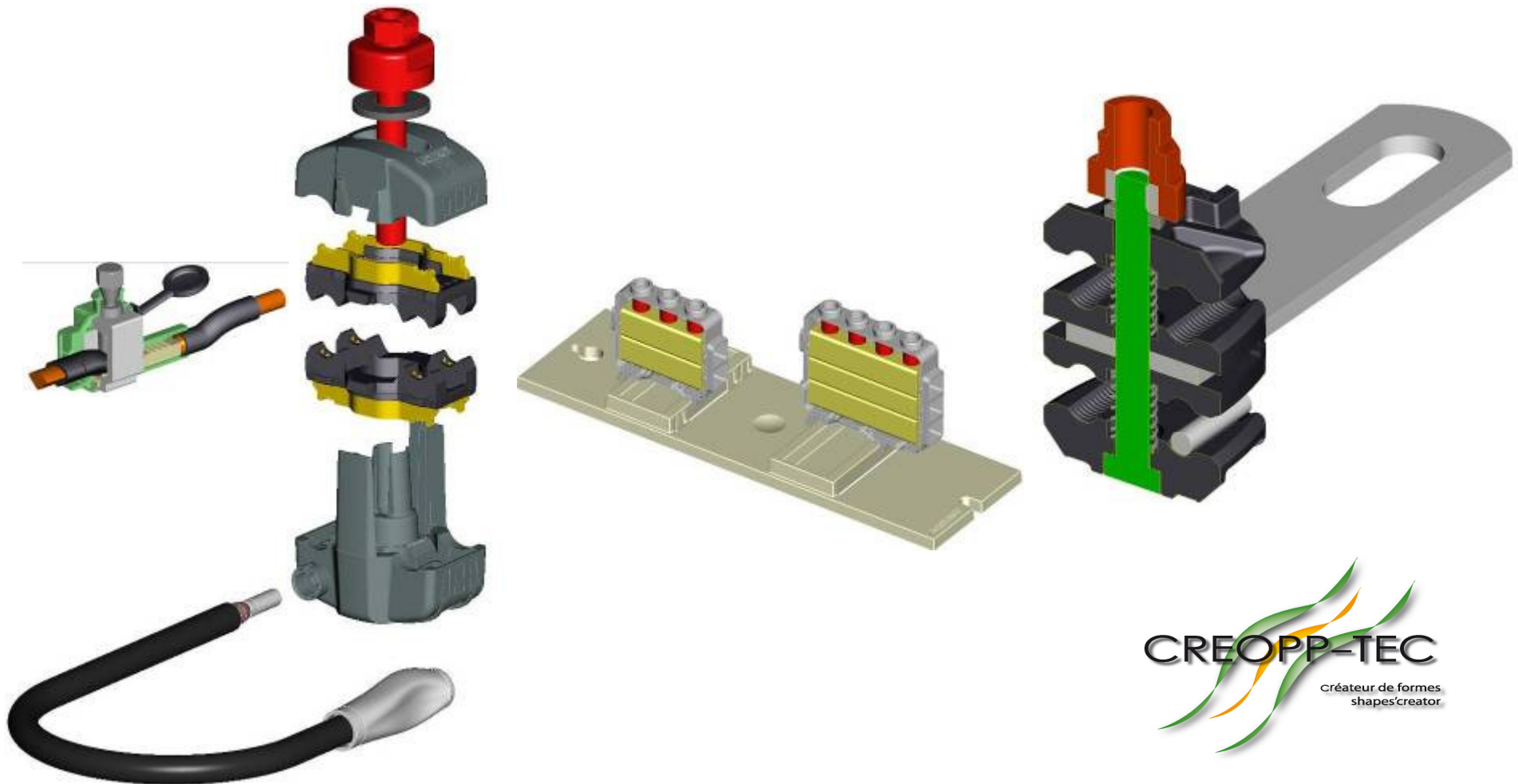
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Electrical Components



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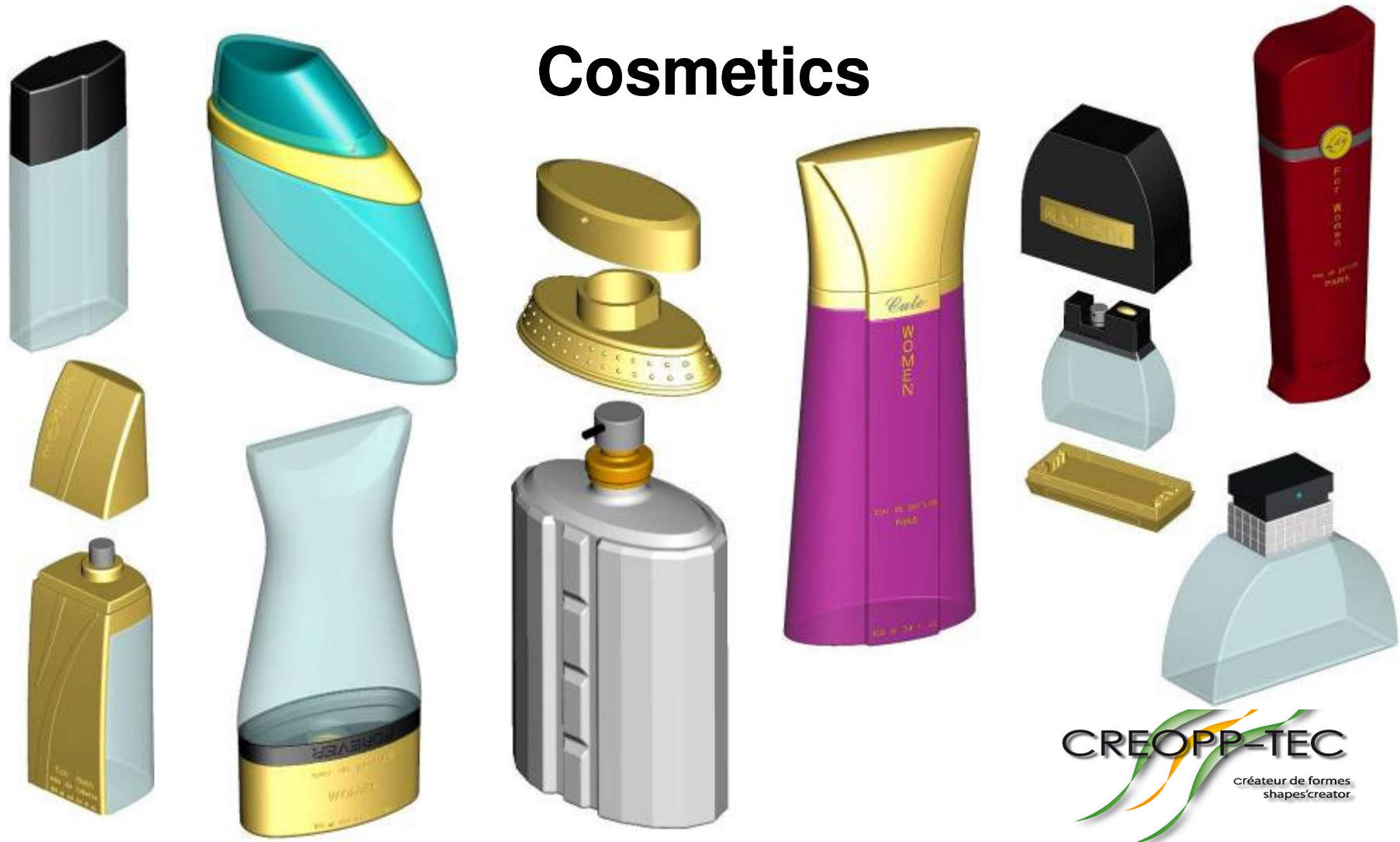
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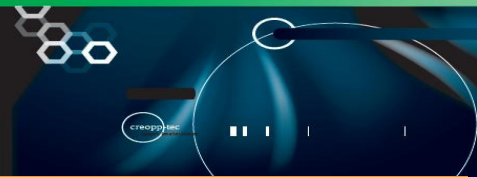
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Cosmetics



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shapes'creator



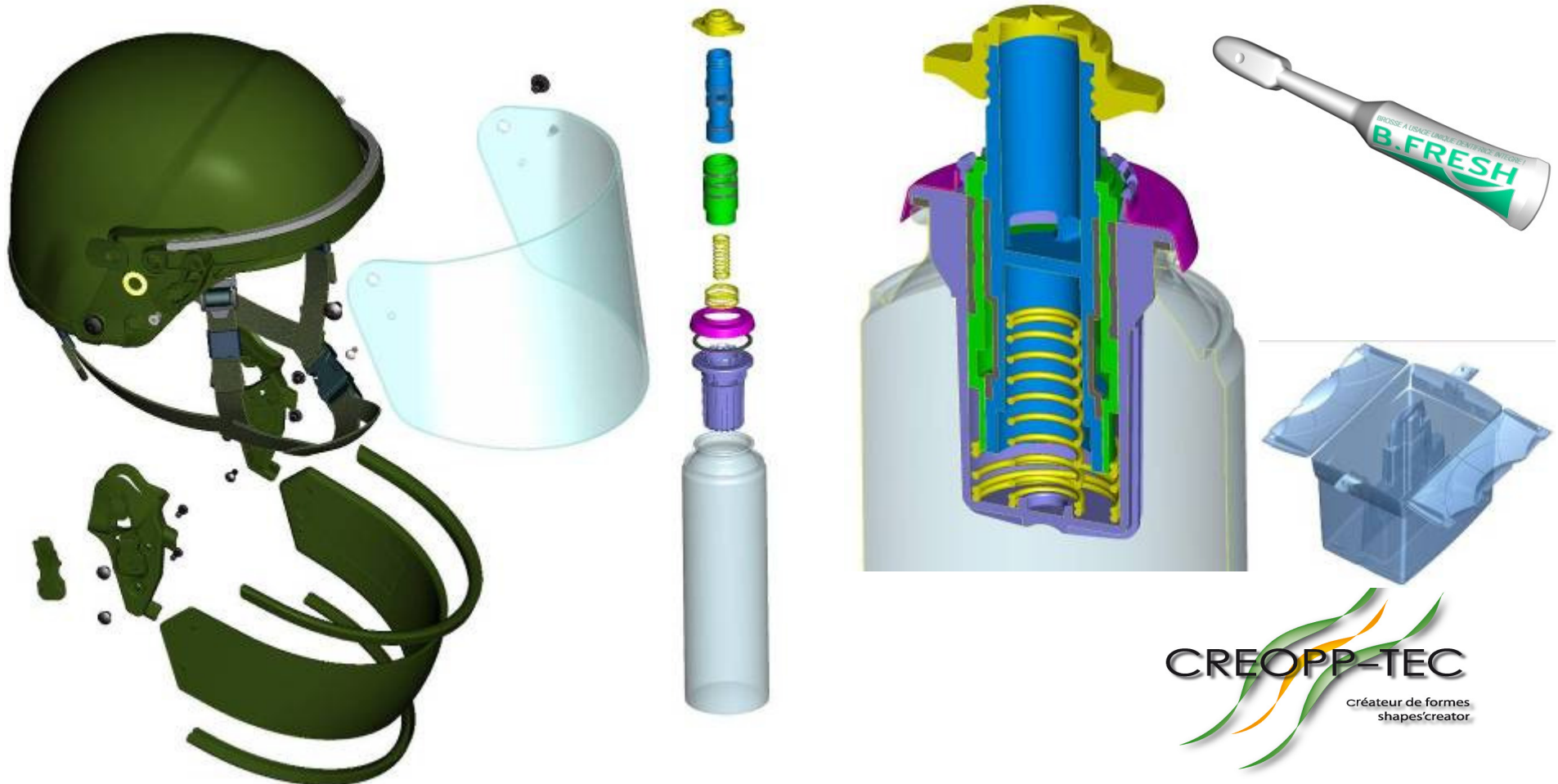
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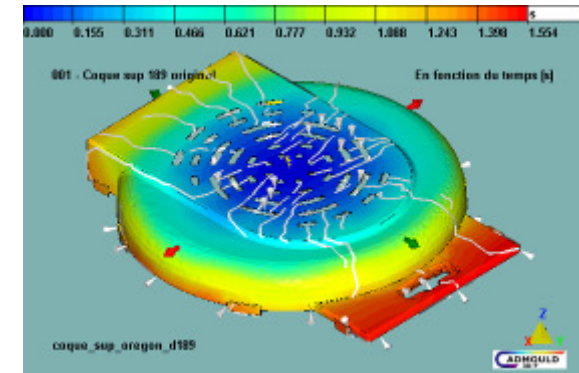
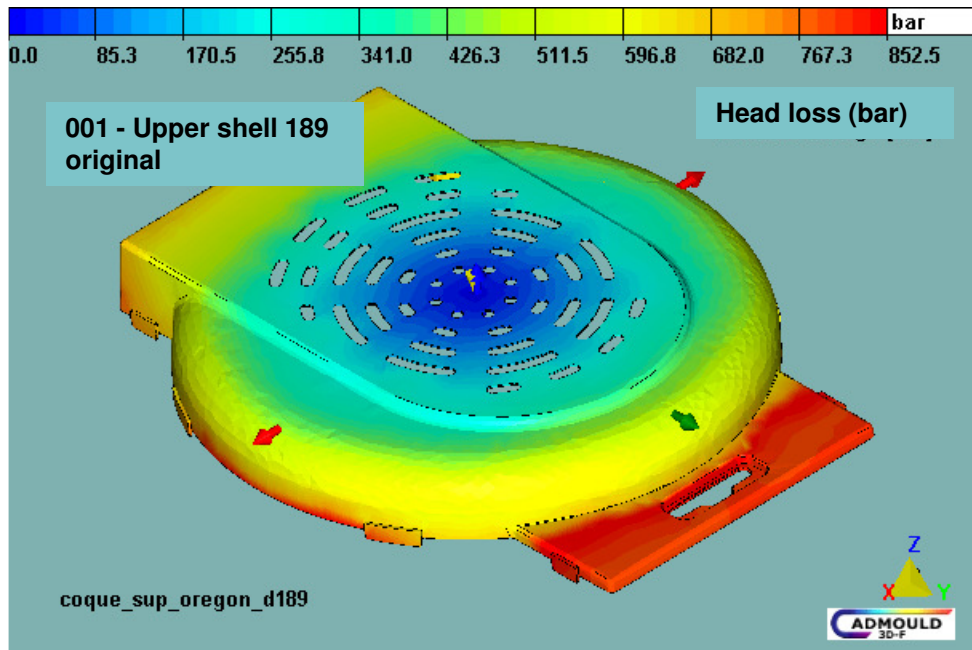
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Defence – Medical – Various



RHEOLOGY

CREOPP-TEC is equipped with **CADMOULD Rapid**, an injection simulation tool based on 3D geometry, allowing injection to be optimised and deformations to be controlled.



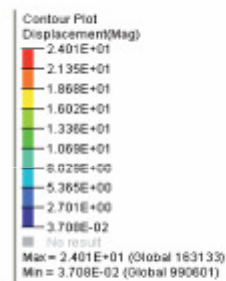


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Recherche & développement : CREOPP-TEC.COM

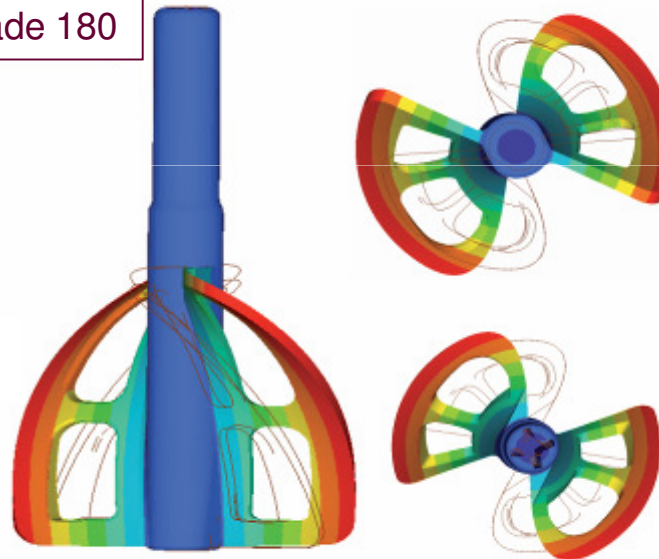
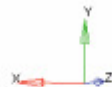
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CALCULATIONS OF MATERIALS AND STRUCTURES



Blade 180

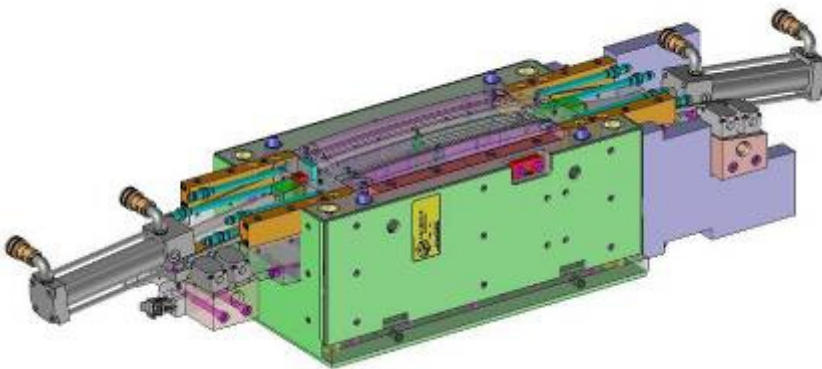
25 mm displacement for a
torsion force of 3.2 Nm



TOOLING

CREOPP-TEC was established in 1996 and has obtained a lot of experience in the design and manufacture of tooling.

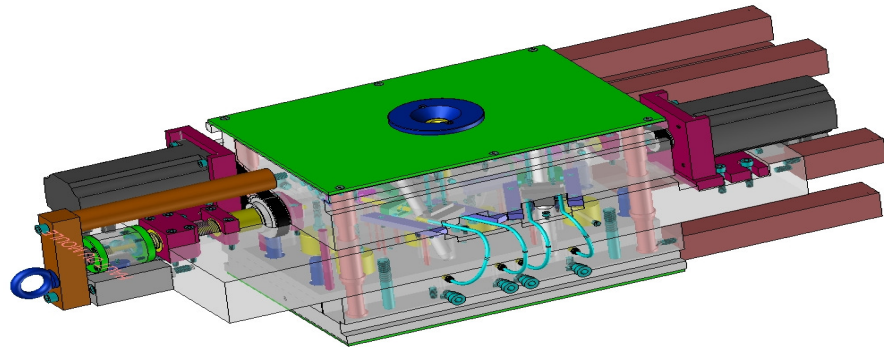
CREOPP-TEC can take responsibility for creating and supervising your tooling thanks to our network of French mould-makers and its **low cost die**.



TOOLING

CREOPP-TEC offers you several possibilities:

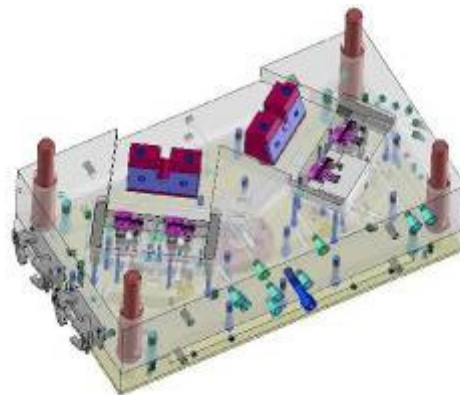
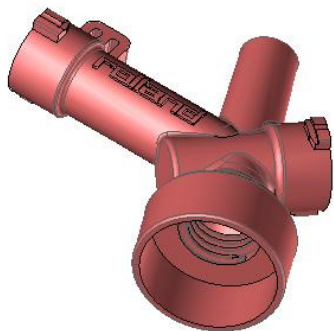
- Tooling manufacture in **France**.
- Tooling manufacture at **low cost**
- Tooling design **France** and manufacturing at **low cost**

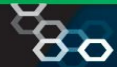


PROTOTYPE INJECTION MOULDS

CREOPP-TEC gives you the opportunity to have prototypes and small & medium-sized part production batches in "good material"

The completion deadline can vary from **a few days to a few weeks.**





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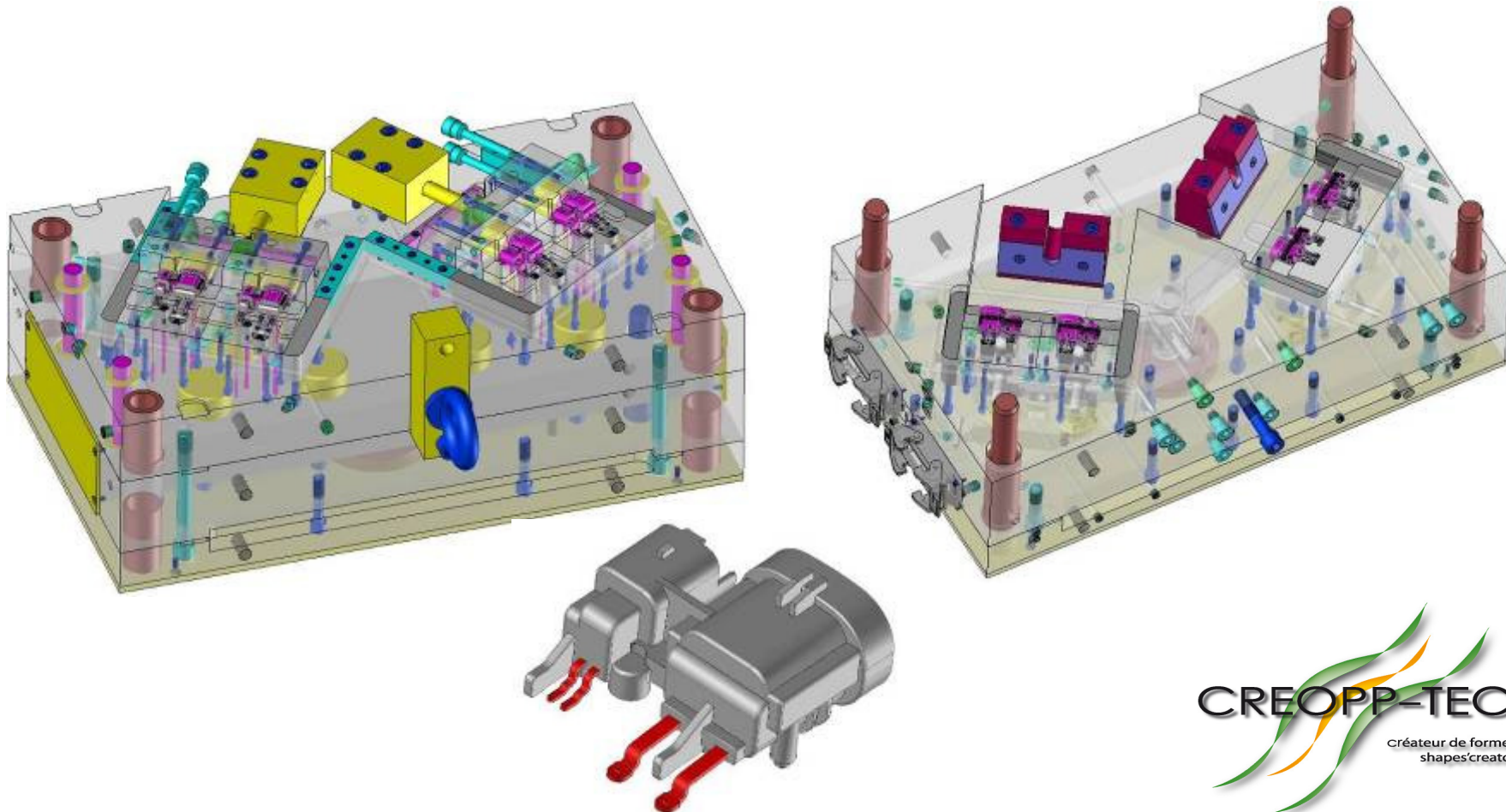
CONCEPTION ET RÉALISATION D'OUTILLAGES
CONCEPTION AND REALIZATION OF MOULDS AND TOOLS

Research & Development :

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TOOLING – INJECTION - OVERMOULDING



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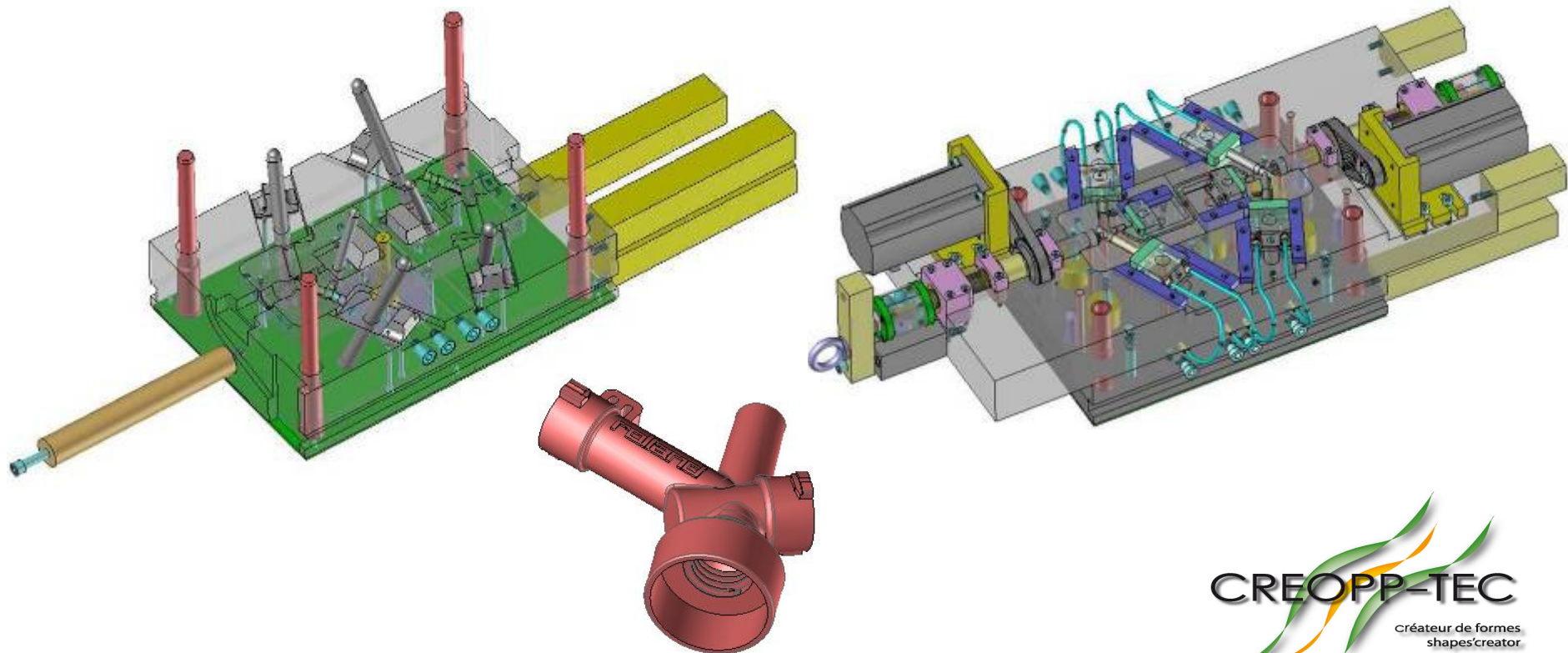
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CONCEPTION AND REALIZATION OF MOULDS AND TOOLS

Research & Development :

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TOOLING – INJECTION - RELEASING



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créateur de formes
shapes'creator



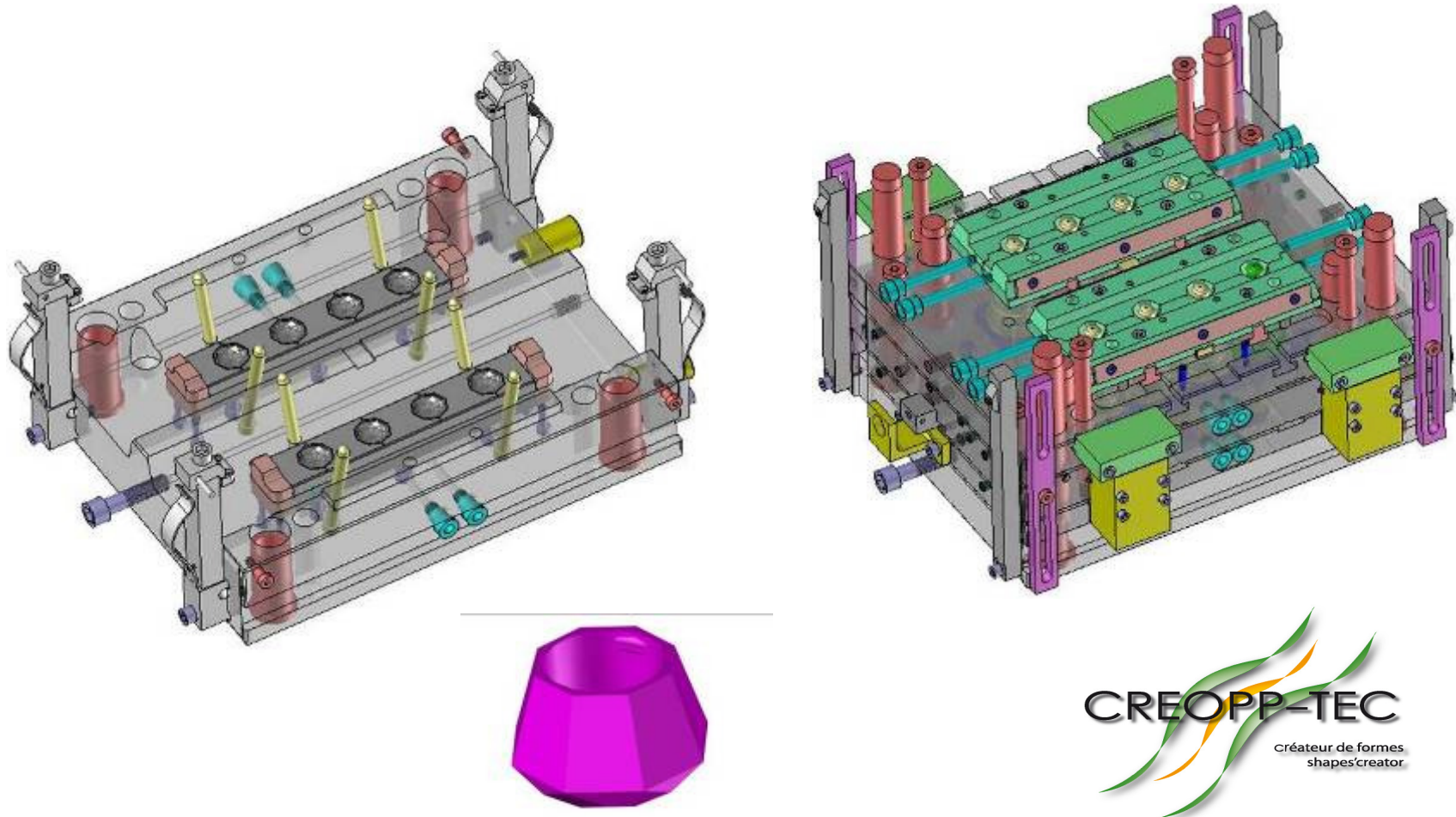
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CONCEPTION AND REALIZATION OF MOULDS AND TOOLS

Research & Development :

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TOOLING – INJECTION - COSMETICS



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shapes'creator



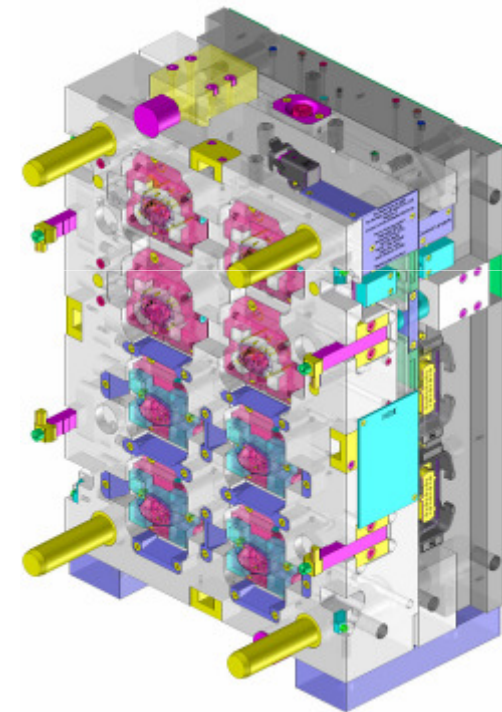
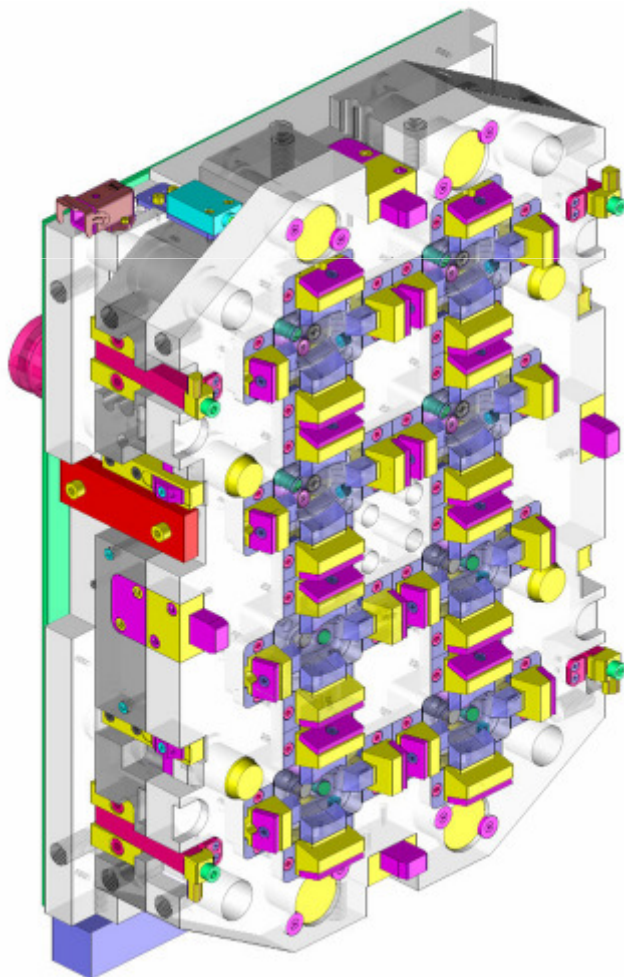
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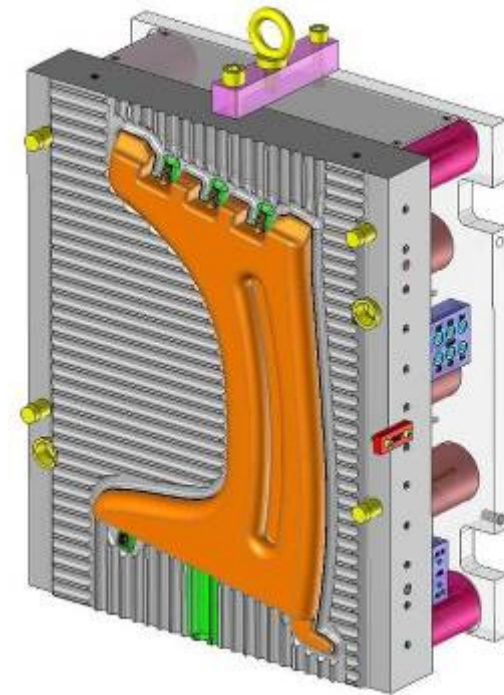
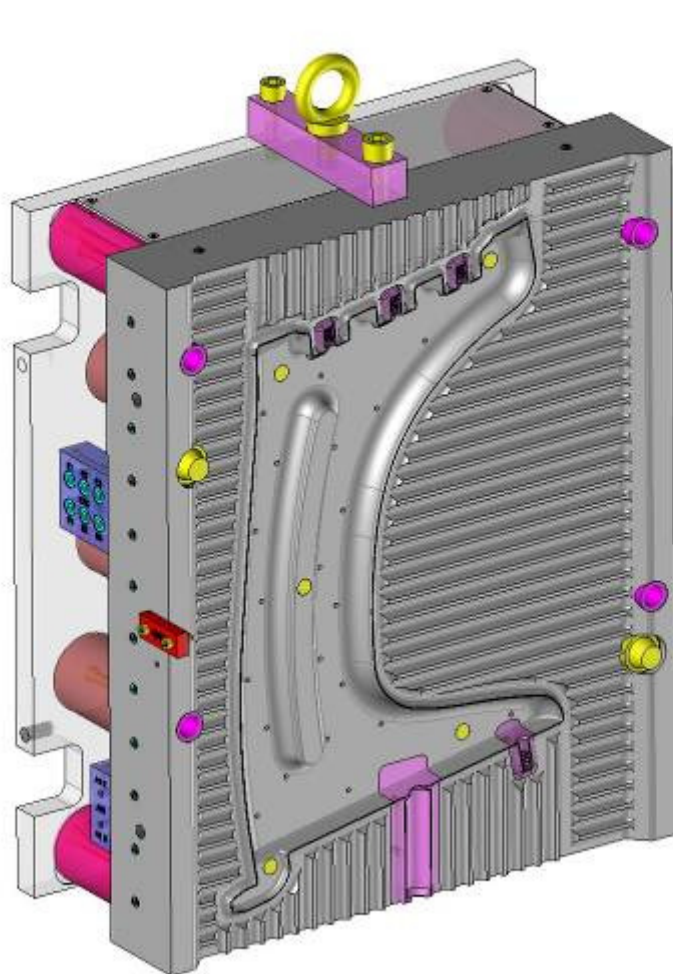
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TOOLING - BI-MATERIAL - ROTATING



TOOLING - BLOW FORMING



RAPID PROTOTYPING

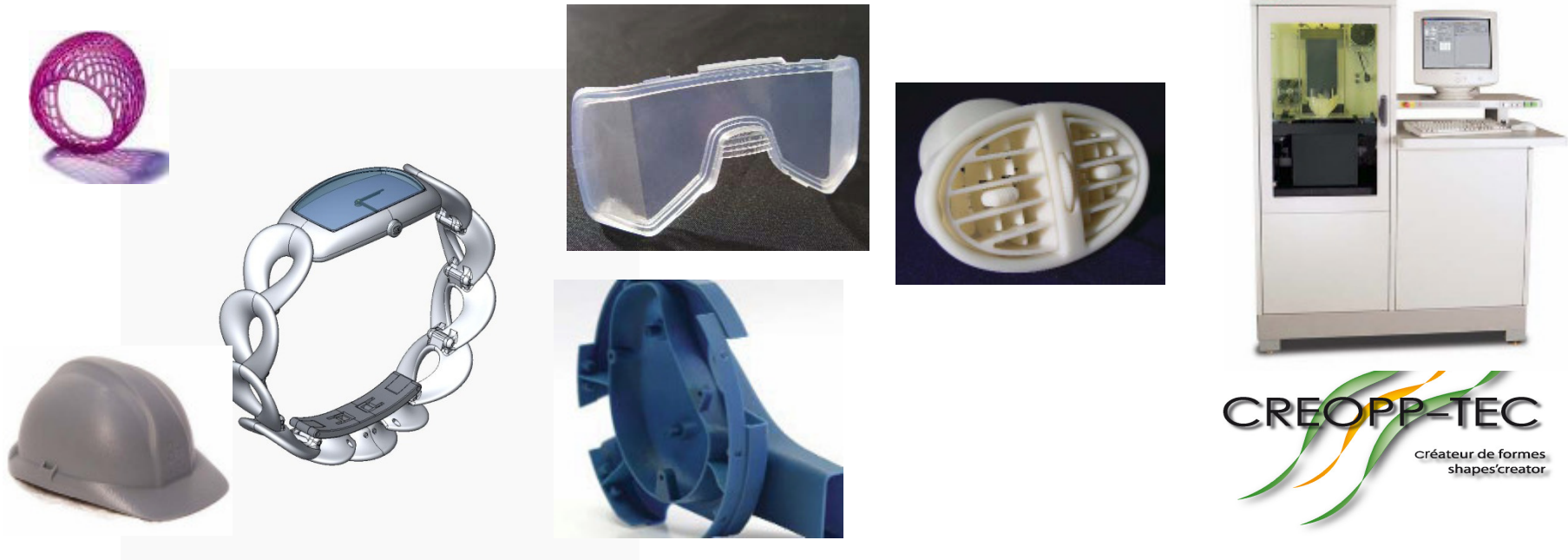
Save time in the design of your products. **CREOPP-TEC** suggest creating your patterns with the latest technology.

- **High Resolution** Stereolithography.
- Powder Sintering.
- Machining
- Duplication.
- RIM



1) High Resolution Stereolithography

New generation of **High Resolution** machines. High grade finish (ideal for watch making and electrical connectors) speed of completion. Quality of surface conditions. Resin with properties **suited to your limitations** (see technical files)



2) Powder Sintering

- Polyamide (nylon) Duraform PA
- Reinforced composite of Duraform HST mineral fibre.
- Thermoplastic elastomer Duraform Flex.
- Steel A6 LaserForm
- Aluminium DuraForm AF.



3) Machining

Plastic machining or lab.



4) Duplication

Creation of parts with properties **close to thermoplastics** (ABS, high temperature, PC, PP PMMA, rubber, transparent, etc.).

Low costs of production, very short completion deadlines for moulds and parts.



5) RIM

Moulding of parts in **RIM** is ideal for all coverings of **large scale** and which are very thick. This technology is **advantageous** for large parts because it allows **avoidance** of major investment in conventional tooling



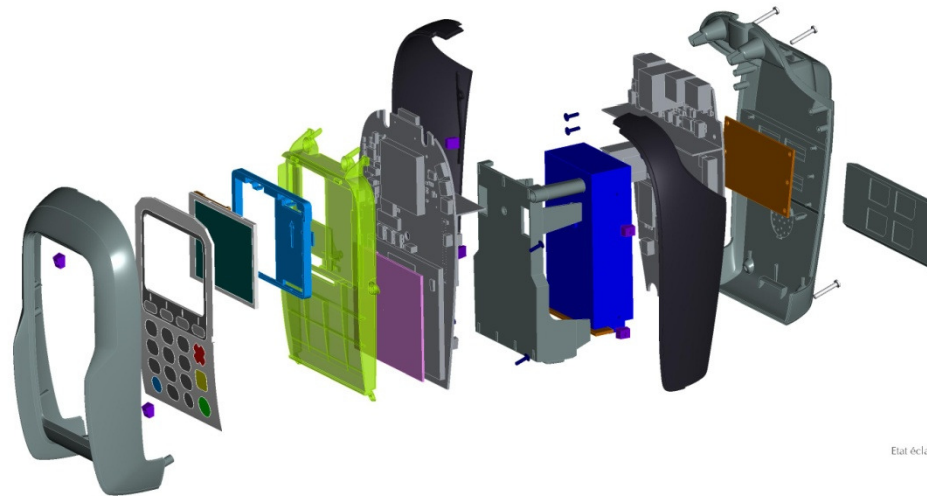
PLASTIC INJECTION

Plastic injection press of 50 tonnes to 1000 tonnes.



INDUSTRIALISATION (ISO 9001)

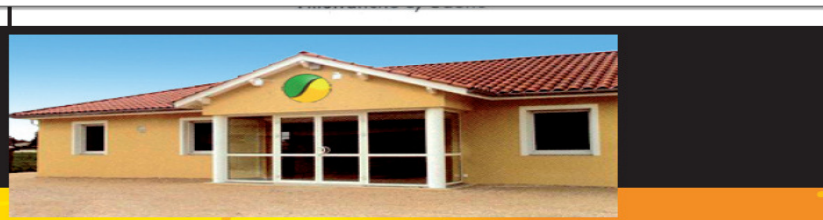
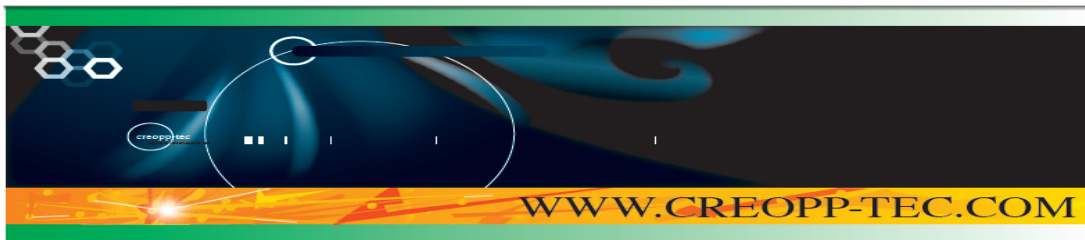
Assembly, painting, packaging, inspection etc.



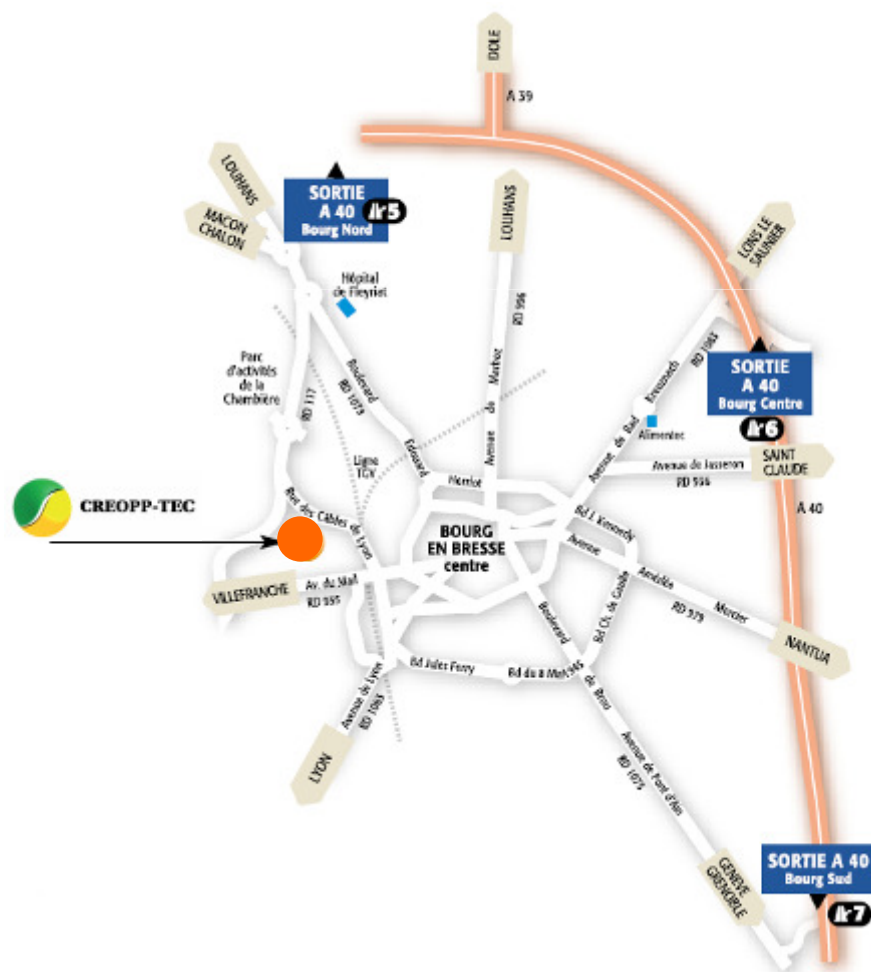
VARIOUS

Inspection template and template for sealing tests.





Direction





Contacts

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Recherche & Développement

Cabinet de design	Office of design
Bureau d'étude	Office of ingeneer
Prototypage rapide	Fast prototypage

