

GOING FURTHER TOGETHER

FRENCH INDUSTRIAL EXPERTISE
TO SUPPORT THE MOST COMPLEX
PROJECTS

SOPIL
— TOOL MAKING
STAMPING

Certified hyper-expertise

Every complex part bears the hallmark of our rigorous know-how, meeting the most stringent international standards.



About us

Dual industrial expertise

Expert in the production of technical blanking tools

For over 60 years, SOPIL has been designing, manufacturing and providing lifetime guarantees for high-precision tools. Thanks to its integrated machining workshop and its engineering office, the company controls the entire value chain, from design, production and maintenance to continuous improvement.

Coordinator of blanking processes for technical components

SOPIL oversees complex blanking processes – both strip and bulk – for technical parts made of copper and ferrous alloys that are intended for signal or power connectors. **From co-design to mass production**, it provides tailor-made solutions for the electrification, electrical equipment, mobility, medical and aeronautics sectors.

Our promises

To support our customers across the entire spectrum of product development: from co-developing tailor-made solutions to **providing lifetime guarantees for tools** and producing complex cut parts.

To offer consistent quality and seamless continuity between design, manufacturing and production.

We're more than just a subcontractor – we're a committed, demanding and loyal **provider of solutions**. We're your 5-star industrial partner!

Our method

Innovating through industrial architecture. At SOPIL, we believe that innovation isn't based solely on technology, but also on intelligent industrialisation.

Rather than seeking technological breakthroughs at any cost, we reorganise existing components, processes and know-how to create **tailor-made solutions** that are more effective, robust and sustainable.

SOPIL designs streamlined, agile and high-performance industrial architectures, following in the footsteps of the great French industrialists – those who knew how to do more with what they mastered, rather than depending on what was beyond their control.

History & key dates

Late 1950s

René Lebaut creates SOPIL in Besançon, France

1961

The foundations of an industrial adventure

1968

From the family home in Pirey: taking flight

1984

A new generation to forge the path forward

2014

First international expansion

2020-2022

New leadership to prepare for the future

2025

New ambitions, new direction

Our values

INNOVATION

Courage to act. Power to transform.

TRUST

Listening. Pledging. Trusting.

RESPONSIBILITY

An industrial player aware of its impact.

SINCERITY

Speaking truthfully, to move forward together.

TECHNICAL KNOW-HOW

Expertise is the cornerstone of our business.

FAMILY

A long-term bond of trust.

LOYALTY

Strong, trusting relationships that stand the test of time.

FOR THREE GENERATIONS, SOPIL HAS BEEN SKILFULLY NAVIGATING BETWEEN FAMILY TRADITION AND BOLD INNOVATION TO ADAPT TO INDUSTRY DEMANDS WHILE REMAINING TRUE TO ITS ROOTS.



Co-developing means maximising the likelihood of success of our customers' projects

Our added value comes into play well before the design of blanking tools.

Project engineering is involved right from the design phase to guarantee industrial performance and robustness, optimise costs throughout the product's life cycle and ensure reliability at every stage.

More than just a subcontractor, we're a **provider of solutions** – a technical ally capable of tackling the most complex challenges with methodology, precision and commitment.

Our approach, inspired by IATF 16949, is based on **close collaboration with your R&D and industrialisation teams**.

Working in integrated project mode, we anticipate technical, economic and regulatory constraints in order to control quality, **cost and delivery** (QCD) and facilitate the transition from concept to mass production:

- **In-depth analysis and understanding of your challenges**
- **Technical iterations and testing, carried out hand in hand with your R&D and/or industrialisation teams**
- **Dedicated investments to meet the specific requirements of each project, guarantee flexibility and maximise responsiveness**
- **Controlled industrialisation**
- **Knowledge-building and continuous improvement**

WE'RE COMMITTED TO BEING YOUR TECHNICAL PARTNER, CAPABLE OF EXPLORING INNOVATIVE SOLUTIONS, EVEN IN UNCHARTED TERRITORY, AND TRANSFORMING THEM INTO MEASURABLE INDUSTRIAL SUCCESSES.

Your direct benefits

- **Fewer risks.**
- **Controlled costs.**
- **Guaranteed quality.**
- **Faster time to market.**
- **Long-term value.**

Observing, experimenting, learning and industrialising together – this is how we create value for your projects!

Two approaches, just one SOPIL


SOPIL operates according to two approaches:


Co-development (initiated by the customer)

 The customer identifies a need or constraint.

 They ask SOPIL for a technical solution.

 SOPIL explores, designs and prototypes based on its own knowledge and expertise.

 The solution is validated jointly with the customer.

 The industrial project is launched.

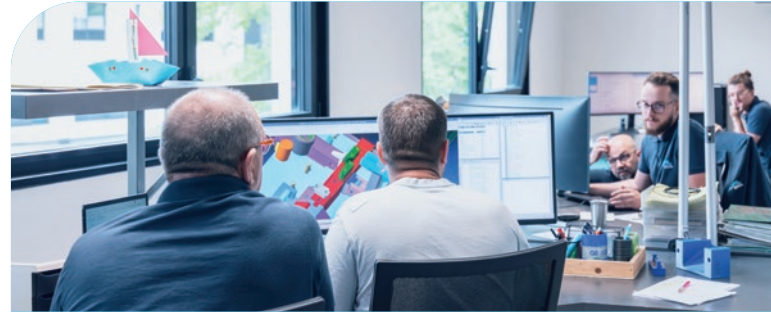


Innovating means creating value even before our customers ask for it

SOPIL fast-tracks innovation to deliver technological solutions to questions you haven't even thought of yet.

At SOPIL, innovation isn't a separate department: it permeates all our business lines, from tooling to mass production.

Because our customers' key issues are constantly evolving, our ability to innovate continuously, at all levels of the process, has become a fundamental requirement.



Our ambitions?

To go far beyond subcontracting to become a true partner in design and industrialisation.


To no longer limit ourselves to production, but rather to work with you to design innovative, high-performance and competitive solutions that optimise your parts and strengthen your market.


To move from subcontractor to provider of solutions, by injecting ever more technological value into the products we manufacture!


st one requirement


two complementary dynamics

Proactive innovation (initiated by SOPIL)


 SOPIL remains attentive to needs and developments in the technical parts blanking market.

 Identification of a technical limitation, source of friction or potential for optimisation.

 Mobilisation of material and process expertise to initiate internal solution-finding, testing and proof of concept (POC) phases.

 Proactive proposal of innovative and eco-designed solutions to the customer.

 Iteration based on customer feedback.

 Validation of the solution's relevance by the customer.

 Launch of the collaborative project.

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WE MAKE INNOVATION
A TANGIBLE DRIVER OF PROGRESS,
CAPABLE OF EXPLORING
NEW APPROACHES,
ANTICIPATING YOUR FUTURE NEEDS,
AND TRANSFORMING THEM
INTO SUSTAINABLE
AND HIGH-PERFORMANCE
INDUSTRIAL SOLUTIONS.

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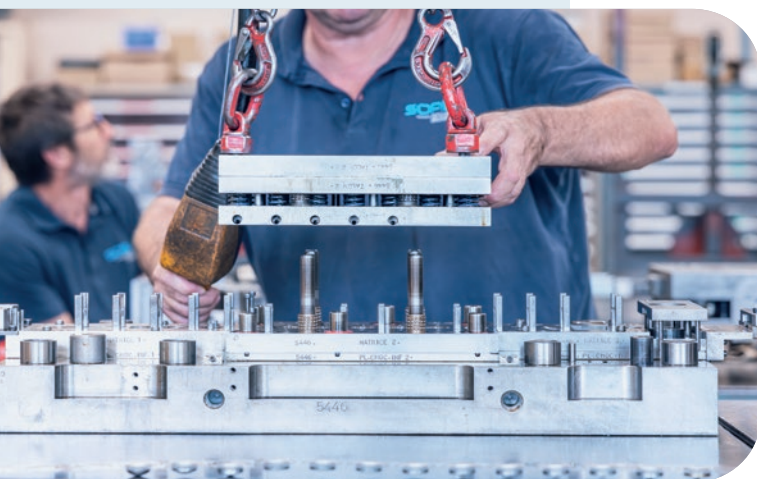
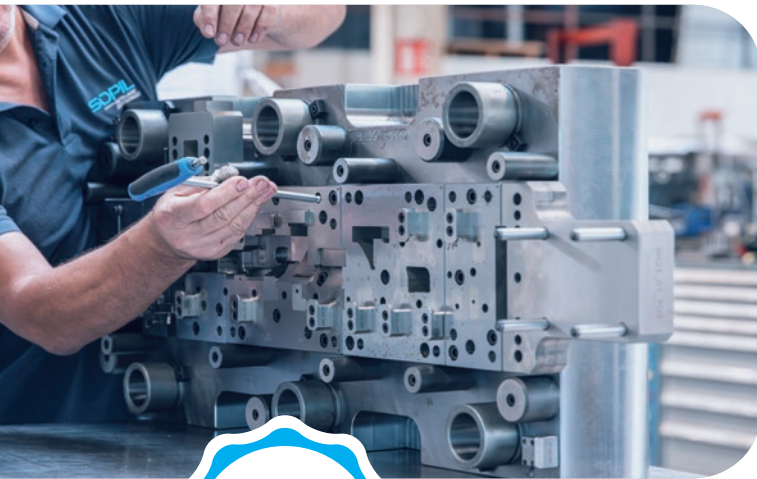
The resources we mobilise

The material characterisation expertise of our academic partners and laboratories to thoroughly analyse materials and treatments and ensure that each and every technical choice is reliable.

Rapid prototyping methods to speed up iterations.
Our engineering unit dedicated to project management.
Our technology watch teams (knowledge of the state of the art).

An intellectual property strategy to protect innovation.

Tooling: our mark of excellence



At SOPIL, tooling isn't just a product – it's our mark of excellence!

Designed, manufactured, maintained and optimised entirely in-house, our tools have a clear objective: to **never waste our customers' time**.

From the engineering phase to commissioning, everything is carefully studied to ensure that **every SOPIL tool goes the distance!**

Because a SOPIL tool is a tool that performs well and has a lifetime guarantee; designed to last, it's precise, reliable and productive, year after year, so the customer doesn't have to worry about it.

In practical terms, this means:

- Regular monitoring
- Preventive maintenance
- Rapid on-site intervention if necessary
- Continuous optimisation

Our commitment

To enable our customers to focus on their projects, not their tools.

Our promise

A tool that performs well, produces to meet needs and lasts a long time, thanks to complete integration, from design to development and by way of continuous improvement.

Why our blanking tools are recognised

- Tight tolerances and **consistent quality**, even after millions of cycles.
- **Optimised design** for high speeds and quick changes.
- **Possibility of integrating ancillary operations** directly into the tool (clinching, contacting, tapping, etc.).
- **Modular tools** to adapt to product or material upgrades.
- **Complete traceability** thanks to the life cycle sheet and digital tracking systems.
- **Increased longevity** as guaranteed through the most suitable steels and treatments.



Expertise in industrial blanking

Demanding technical parts, produced at high speeds

Industrial blanking, **SOPIL's historic business**, has been an integral part of our DNA since our inception.

Year after year, we've refined our methods, invested in the best technologies and developed **unique expertise in copper and ferrous materials**.

This experience now allows us to combine high speeds and precision and the implementation of ancillary operations directly in the blanking process, to deliver **technical parts that are ready to be integrated, without any reworking**.

Our objective

To optimise each stage in order to reduce costs and guarantee a continuous flow. When certain operations can't be carried out **directly online**, we offer **offline reworking** with the same level of expertise and quality, in order to meet deadlines and ensure a smooth production flow.

100% online operations, leaving nothing to chance

- Contacting (riveting or welding)
- Tapping
- Press assembly (interlocking, clinching, riveting, conventional or gyroscopic crimping)

High speeds, zero compromise

Producing quickly doesn't mean compromising on quality.

We deliver technical parts with tight tolerances, guaranteeing:

- **Consistent** quality throughout the production run
- **On-time** delivery
- **Controlled** costs

Our customers receive parts that are **ready to install** – the crimping, tapping or assembly stages have already been already performed. **Repeatability** and **reliability** are guaranteed, from the prototype to mass production.



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Quality, traceability, supply chain

Every part meets your QCD objectives

No part leaves SOPIL without meeting your quality, cost and delivery (QCD) criteria.

Your parts can't tolerate any approximation – whether in terms of quality, delivery times or costs. That's why, **straight from the project phase**, we integrate your QCD criteria into every technical decision, every material choice and every stage of production.

Rigorous material sourcing

We only work with **qualified suppliers** who have been audited and are capable of meeting your most stringent requirements.

Every material is selected for its mechanical performance and specific properties, which have been validated through a **certificate of origin** and are then checked on receipt before being integrated into our production lines.

Self-monitoring and traceability

All throughout the process, each and every part is rigorously checked: self-monitoring by operators is supplemented by recorded **dimensional and visual measurements**.

All data are recorded in real time, ensuring complete traceability, the automatic generation of monitoring reports and the immediate correction of any discrepancies.

ISO 8 particle cleanliness

In some environments, cleanliness isn't an added bonus: it's an absolute requirement.

To eliminate any risk in this regard, we've integrated an ISO 8 cleanroom into our site – a rare asset in the blanking industry – where we finalise and package your sensitive parts in a **contained environment**, ensuring rigorous control over the **particulate cleanliness of the most critical components**.

Surface treatments

To guarantee the functional performance or visual appearance of your parts, **we've mastered several processes** tailored to every application, whether it's detergent degreasing, the use of modified alcohol or the application of vanishing blanking oils.

These treatments provide the required surface tension, which is essential for the optimal adhesion of coatings, welds or glues during your assembly stages.

For parts requiring particle control, these operations are carried out immediately before they enter the ISO 8 cleanroom.

Supply chain and subcontracting in accordance with the VDA 6.3 standard

We know that a supplier delay equals a production line stoppage and wavering commitments. That's why our supply chain has been **designed as an extension of our production facilities**.

Our partners – providing surface treatments, finishes and heat treatments – are selected for their expertise. They're closely monitored and regularly audited according to VDA 6.3. This guarantees compliance with our quality standards and your QCD objectives.

Quality process and certification

IATF 16949 (automotive), ISO 9001 (quality management) and ISO 14001 (environmental management) attest to our ability to meet the most stringent standards in the automotive industry and other highly demanding sectors.

By controlling every link in the chain, from **material sourcing through to final delivery**, we secure your QCD objectives and eliminate any unforeseen events that could slow down your production lines.

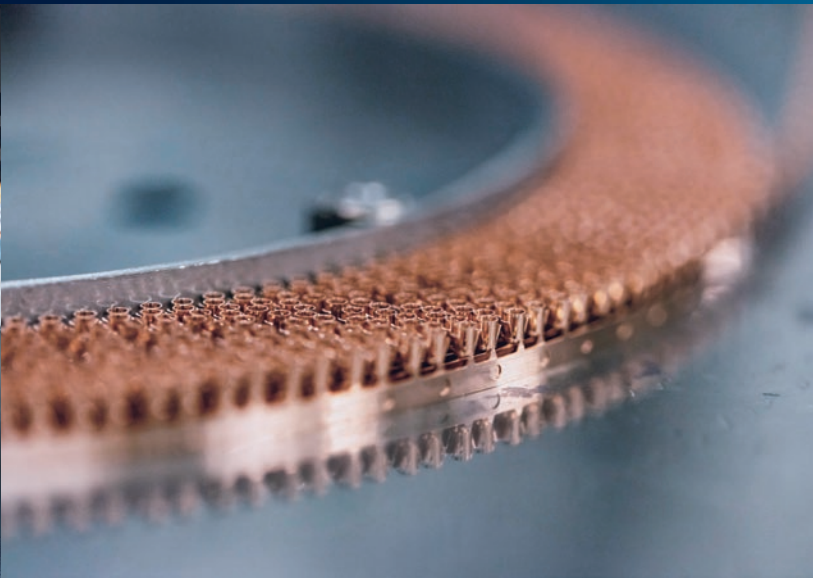
Our technical excellence, certified processes and partnership approach ensure that every delivery is a **guarantee of sustainable industrial performance**.



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GUARANTEEING THE CONTINUITY,
COMPLIANCE AND COMPETITIVENESS
OF YOUR PRODUCTION RUNS:
THAT'S HOW SOPIL MAKES
ALL THE DIFFERENCE!

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Demanding markets that stimulate our expertise

SOPIL: a hyper-specialist that turns your technical constraints into high-performance industrial solutions

Operating in the most demanding environments – from **automotive to aerospace, space, defence, new energies, medicine, telecommunications and home automation** – SOPIL designs and industrialises high-precision parts and sub-assemblies.

We handle the **design, manufacturing** and **in-house maintenance** of your tools, guaranteeing their lifelong durability and their use for the production of reliable, high-performance and sustainable components.

Thanks to our hyper-specialisation in **tooling, blanking, contacting** and **assembly**, we support industry leaders in the development of high added-value solutions, thus creating a competitive advantage in their markets.

Materials

- Copper alloys (copper, brass, bronze, etc.)
- Ferrous alloys (steel, stainless steel, etc.)
- Thicknesses from 0.08 mm to 6 mm

Our unique strengths

- + 100% in-house tooling with lifetime guarantees
- + Fine tolerances and dimensional consistency
- + ISO 8 particle cleanliness control
- + Wide range of materials & treatments
- + Flexible production
- + Partner for innovation

Going further together!

A metal part is more than just its shape. It's a concentration of know-how, precision and reliability, designed to perform in the most demanding environments.

From contact parts to complex assemblies, our production is developed to combine technical performance, durability and precision, in full compliance with standards and specifications.

We provide support for design through to mass production, co-developing solutions that will meet today's needs and pave the way for tomorrow's successes.



Our CSR commitment



For more than 60 years, **SOPIL has been building the industry of tomorrow** by combining technical excellence, innovation and human commitment. Every project falls under the umbrella of industrial performance, environmental responsibility and social involvement, **with a long-term vision**: to produce with precision, reduce our environmental footprint and create sustainable value for customers, people and regions.

Technical excellence and eco-design

SOPIL uses its **tooling** and **precision blanking expertise** to benefit the most demanding projects, integrating practices that limit the environmental impact and optimise the use of resources right from the design stage.

Controlling our environmental impact

Industrial performance is accompanied by practical actions to **reduce our carbon footprint** (Scope 1-2-3 emissions) and optimise energy efficiency.

Innovation and talent development

Technological innovation goes hand in hand with a **strong commitment** to the safety, well-being and training of our teams.

Local roots and civic engagement

SOPIL acts as a **responsible player in its region** by developing lasting relationships with local stakeholders and supporting collective initiatives.

Governance and certified commitment

Our CSR approach is based on **clear governance and measurable commitments**, backed by recognised certifications.

- ISO 14001, ISO 9001, IATF 16949.
- ECOVADIS Bronze Top 15%.
- In progress: “Engagé RSE” certification (Union of Metallurgies Industries, UIMM).
- Targets for 2030: -10% emissions for targeted items, -3% overall, increased energy autonomy.

SOPIL's commitment to CSR isn't a mere declaration of intent; rather, it's a measurable reality, embedded in every decision, every process and every relationship with our stakeholders.

BY COMBINING
TECHNICAL EXPERTISE, INNOVATION,
ENVIRONMENTAL PERFORMANCE
AND SOCIAL RESPONSIBILITY,
WE'RE CHOOSING TO BUILD
A HIGH-PERFORMANCE, SUSTAINABLE
INDUSTRY THAT'S FIRMLY ROOTED
IN ITS LOCAL COMMUNITY.
THIS APPROACH IS SUPPORTED
COLLECTIVELY BY OUR TEAMS AND
PARTNERS, GUIDING OUR ACTIONS
TODAY AND PAVING THE WAY
FOR FUTURE GENERATIONS.



Precision driven by people

A group of people who make all the difference

SOPILIANS are much more just than a team: they're the **driving force behind every project** – the human touch that drives the precision we offer our customers. Behind every tool designed, every part manufactured and every innovation devised, there are actions, ideas and a **collective desire** to achieve excellence.

Know-how handed down from person to person

Here, know-how is passed on as a **precious legacy**. The most experienced team members share their skills, their attention to detail and their rigour with new employees. Learning doesn't just take place in training rooms: it's a **hands-on process**, in workshops, in direct contact with machines, drawings and technical challenges.

This transmission is a **virtuous circle**: new generations bring a fresh perspective, creative ideas and proficiency in digital tools that enriches our collective expertise. It's this **alchemy between experience and innovation** that allows us to constantly progress.

Trust as a driving force

Technical precision arises first and foremost from interpersonal precision, which is all about **understanding, respecting and trusting one another**.

Every employee has the freedom to act and make suggestions, safe in the knowledge that their ideas will be heard. Decisions are made **as close to the field as possible**, where key issues are understood in detail. This autonomy enhances responsiveness, allows methods to be adapted quickly and ensures maximum efficiency in projects.

An environment that values talent

We invest in everyone's development through regular training, the integration of apprentices and interns and career support. SOPILIANS are encouraged to broaden their skills, discover new roles within the company and take part in cross-functional projects.

This openness promotes versatility, mutual understanding of different professions and the ability to collaborate effectively across departments.



Specific commitments to well-being

In addition to upholding high technical standards, we ensure that working conditions are healthy, safe and stimulating. Actions are taken to strengthen prevention, improve workplace ergonomics, support physical and mental health, and offer opportunities for team building, in the form of sporting events, solidarity projects and the development of relaxation areas.

Every initiative aims to maintain a balance between performance and fulfilment, because we know that motivation and pride in belonging to the team are as essential as technical expertise.

A culture focused on the collective effort

SOPIL's success can't be attributed solely to the precision of its machines or the quality of its processes. It's based on a frame of mind – that of moving forward together, sharing responsibilities and successes, and taking on challenges as a team.

SOPILIANS embody this culture on a daily basis, whether it's to solve a technical problem, come up with a new process or find the best solution for a customer. This collective energy can be felt in every interaction and translates into lasting results.

More than just a workforce – a committed professional community

Joining **SOPIL means becoming part of a team where everyone counts** – where the diversity of backgrounds is an asset, where precision is a shared effort, and where success is built hand in hand.

It's this patiently built and maintained human strength that allows us to turn ambitious projects into concrete successes and look to the future with confidence.



WRITE TO US, VISIT US,
OR REQUEST A TECHNICAL STUDY.
DISCOVER HOW A HYPER-SPECIALISED TOOLMAKER-BLANKING COMPANY
CAN REALLY CHANGE YOUR INDUSTRIAL PERFORMANCE.



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