

FORGING WHAT MOVES THE WORLD

Engineering | Forging | Heat treatment | Machining

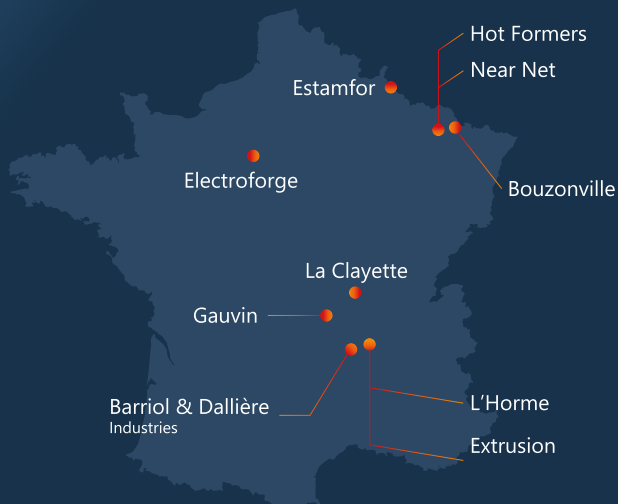


Setforge

www.setforge.net



THE RIGHT PARTNER AT EVERY STEP



100

Years of existence
Proudly attached to the
dynamism of our territory

750

Collaborators
Experienced and
multi-skilled teams

10

Production companies
3 support companies for
engineering, purchasing and IT

20

Markets
Serving customers all over the
world with 68% of export

Setforge is a leading European multi-sector group with over a century of expertise, bringing together 10 production companies united by a shared commitment to industrial excellence. **Our mission is to produce innovative components for forward-thinking customers, while respecting the environment and ensuring the satisfaction of our employees and partners.** Guided by our core values, we foster creativity, trust and an entrepreneurial mindset across all our teams.

We continuously push our processes forward through smart factory investment, digital integration and responsible production. **From forging and machining to heat treatment, engineering and advanced materials, our experts support customers at every stage of their projects, with the agility of a close partner and the strength of an international group.**

Multi-Sector Expertise

Trusted long-term partner of major OEMs and Tier 1 suppliers across the most demanding industries.

Parts from 0.1 kg to 1500 kg

Across all closed-die forging technologies and materials from prototype to high series of production.

Tier 1 Collaborative Approach

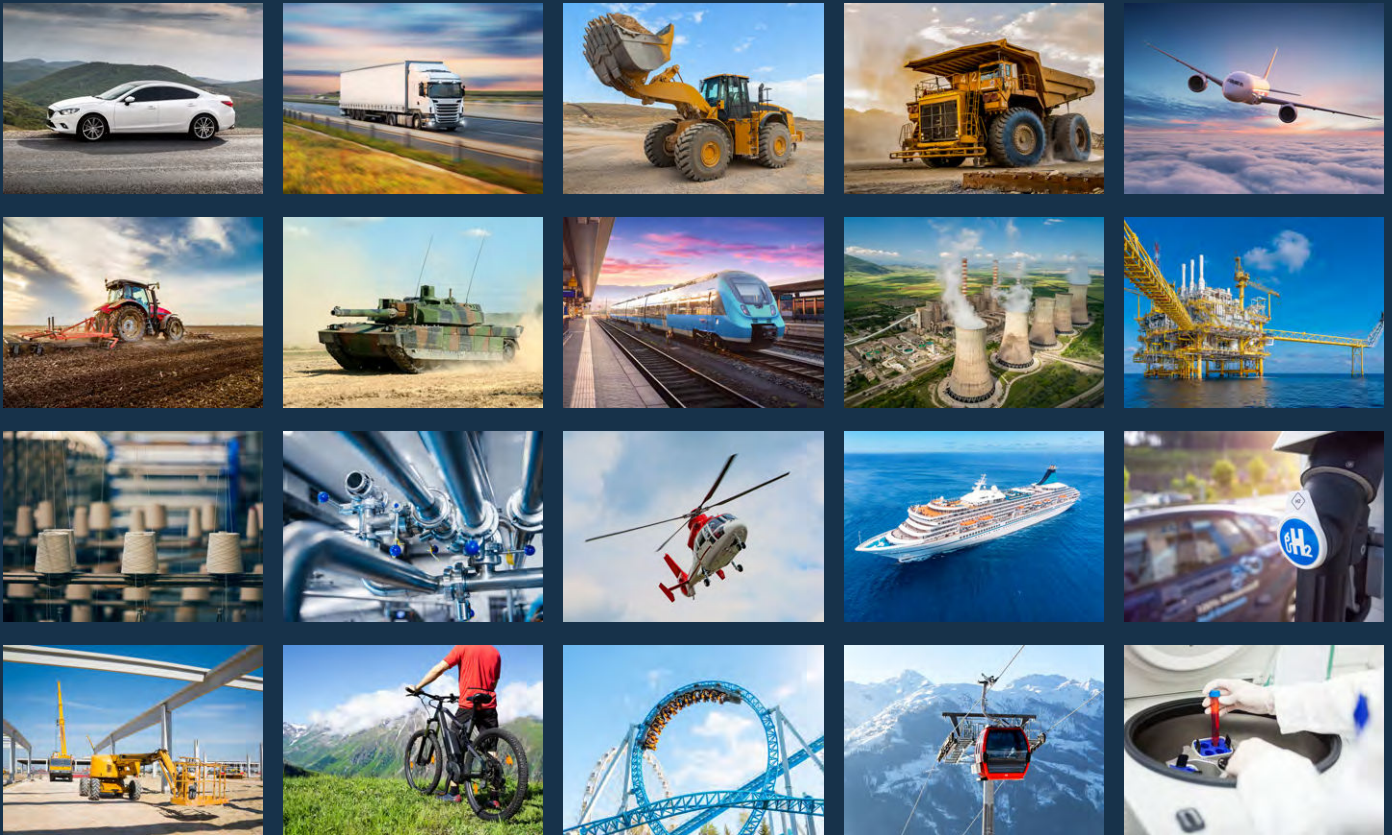
From responsible sourcing to finished machined parts, with in house production or external supplier of excellence.

Industrial Strength

Solid and diversified industrial group offering long-term financial reliability.

PARTNER TO THE WORLD'S LEADING EQUIPMENT MANUFACTURERS

From cars and trucks to trains, airplanes, tractors, excavators, bulldozers and power plants, we are proud to support our partners in the innovative solutions of tomorrow while respecting our environment.

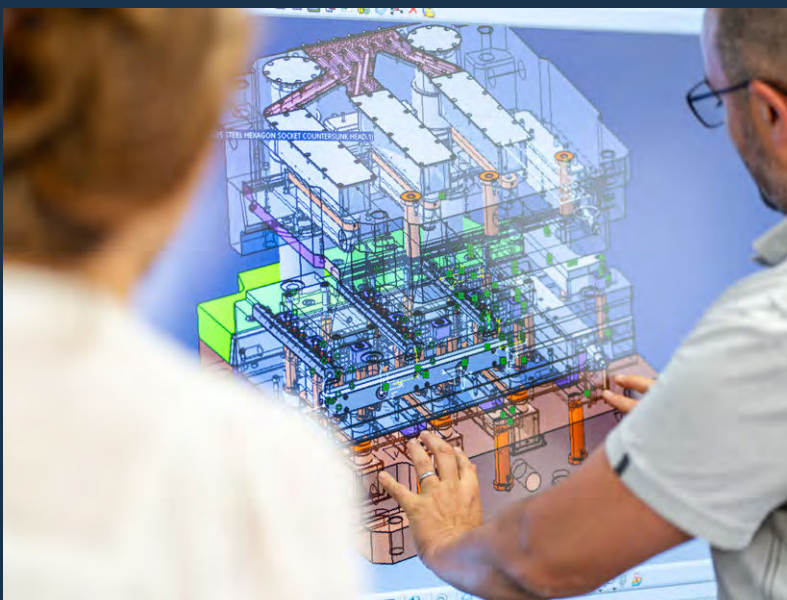


CERTIFIED FOR EXCELLENCE

ISO 9001 | ISO 14001 | ISO 50001 | IATF 16949 | EN 9100 | AD 2000 - PED 2014/68
NADCAP Non Destructive Testing | NADCAP Heat Treating | DNV

VALUE ENGINEERING AT YOUR SERVICE

Setforge Engineering is our dedicated expert team, serving both group companies and external clients across the entire production cycle, from material selection to industrialization.



Co-Development

From concept to production

- Material selection and structural analysis
- Geometry and forgeability optimization
- Process definition and industrialization support

Re-design

Solving issues at the source

- Weight optimization and cost reduction
- Metallurgical issue resolution
- Numerical simulation (Forge Transvalor©)

Consulting

On-site with your team

- Forging and machining techniques
- Process audits and recommendations
- CAD / CAM / Structural analysis

A UNIQUE DIVERSITY OF KNOW-HOW

Setforge forges parts across the full range of closed-die forging processes. From prototype to high-volume automotive production, our approach goes well beyond the forge itself. Deep dive into the geometries we forge !



HOT FORGING

From 0.2 kg to 1500 kg

Suitable for a wide range of complex shapes. Max weight: Steel 1500 kg, Stainless Steel 1400 kg, Titanium and Ni-based 200 kg



ELECTRICAL UPSETTING

From 0.3 kg to 200 kg

Long parts with flange up to 1200 mm length, flanged diameter up to 450 mm and initial bar diameter up to 130 mm



UPSET FORGING

From 2 kg to 600 kg

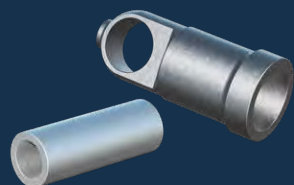
Long parts with complex head geometry up to 5000 mm length, head diameter up to 400 mm and initial bar diameter up to 170 mm



COLD FORGING

From 0.3 kg to 25 kg

Various shafts or long parts with max diameter up to 120 mm and 800 mm length



HOT EXTRUSION

Up to 1500 kg

Tubular and shaft profile, straight or shaped, with or without hot piercing with O/D max 500 mm and length max 1700 mm



ALUMINUM FORGING

From 0.1 kg to 200 kg

Suitable for a wide range of complex shapes in serie 1XXX to serie 7XXX depending on shape geometry



WARM FORGING

Up to 4 kg

Various parts with diameter up to 130 mm and length up to 450 mm



RING ROLLING

Up to 12 kg

Rings and crowns with various cross section geometries up to 250 mm diameter

Let's build together your decarbonization trajectory!

With every commercial offer, we can provide the **CARBON FOOTPRINT** of your part giving you full visibility over your environmental impact from the very first quote.

A 360° APPROACH

Built through years of real industrial experience, our expertise spans every discipline a forged component requires, from engineering and tooling to heat treatment and machining with in-house capabilities or external partners. **The result is a partner who understands the full value chain and stays involved from first discussion to final delivery.**



TOOLING



**HEAT
TREATMENT**



MACHINING



**QUALITY
CONTROL**

INNOVATION IS IN OUR DNA

At Setforge, innovation is not a department, it is how we work. Across our ten facilities, **we are actively deploying the technologies and processes that will define the forging industry of tomorrow.**



SMART FACTORY

Deployment of **robotic lines and digitally monitored, sensor-equipped machines** to reduce operational risks, improve productivity and ensure consistent quality.



ARTIFICIAL INTELLIGENCE

Deployment of AI for **production management, advanced industrial data analysis** and optimization of administrative processes.



OPERATIONAL EXCELLENCE

A structured **continuous improvement program** for our **processes**, based on training, standardization and a data-driven culture.



MATERIAL INNOVATION

Development of **innovative fiber composite solutions** for high-performance structural applications with our patented **EPITHER** process.

OUR VISION 2050

BECOMING THE **LOW CARBON** FORGING LEADER

Reducing our environmental footprint is at the heart of our industrial strategy and the cornerstone of our sustainability.

Electrification of processes, energy management, on-site green energy production, sustainable supply chain, waste management, awareness campaigns of our teams... Because facing the environmental challenge requires concrete actions, we take a stand for the future with our special group project **E-CAR**.



Since 2015/2016

Related to the value produced

- 38 % T CO₂ eq
of energy consumption

- 60 %
of water consumption

Proud of our territory!
Gorges de la Loire - France



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Member of the «French Fab» & «Coq Vert» communities