



AUTOMOTIVE

DIVISION

CASTING MACHINING ASSEMBLY

A RANGE OF SKILLS WORKING
TOGETHER TO SERVE THE
AUTOMOTIVE INDUSTRY





Design &
Studies
Casting
Machining
Assembly



Because your
requirements
are our priority

a story...

Founded in 1975 by Jean Grosselin,

Groupe SAB still remains a family business while incorporating from 1990, several **companies** providing its customers a comprehensive range of expertise.

The core business of our group is **aluminium casting, machining and assembling**.

Groupe SAB is made of **people passionate** about their job and always prepared to listen.

It is also a highly efficient manufacturing tool, constantly evolving, and a structure designed to meet new economic challenges.

Local, flexible and responsive are the key words of our business strategy, caring for the professionals whom you are.

...structure

Groupe SAB has developed areas of expertise for the supply of mechanical parts to serve a wide range of industries including automotive.

Strengthened by its success in the development of parts for the car industry and to meet customers requirements,

Groupe SAB has split its activities into two divisions.

Groupe SAB

Engineering



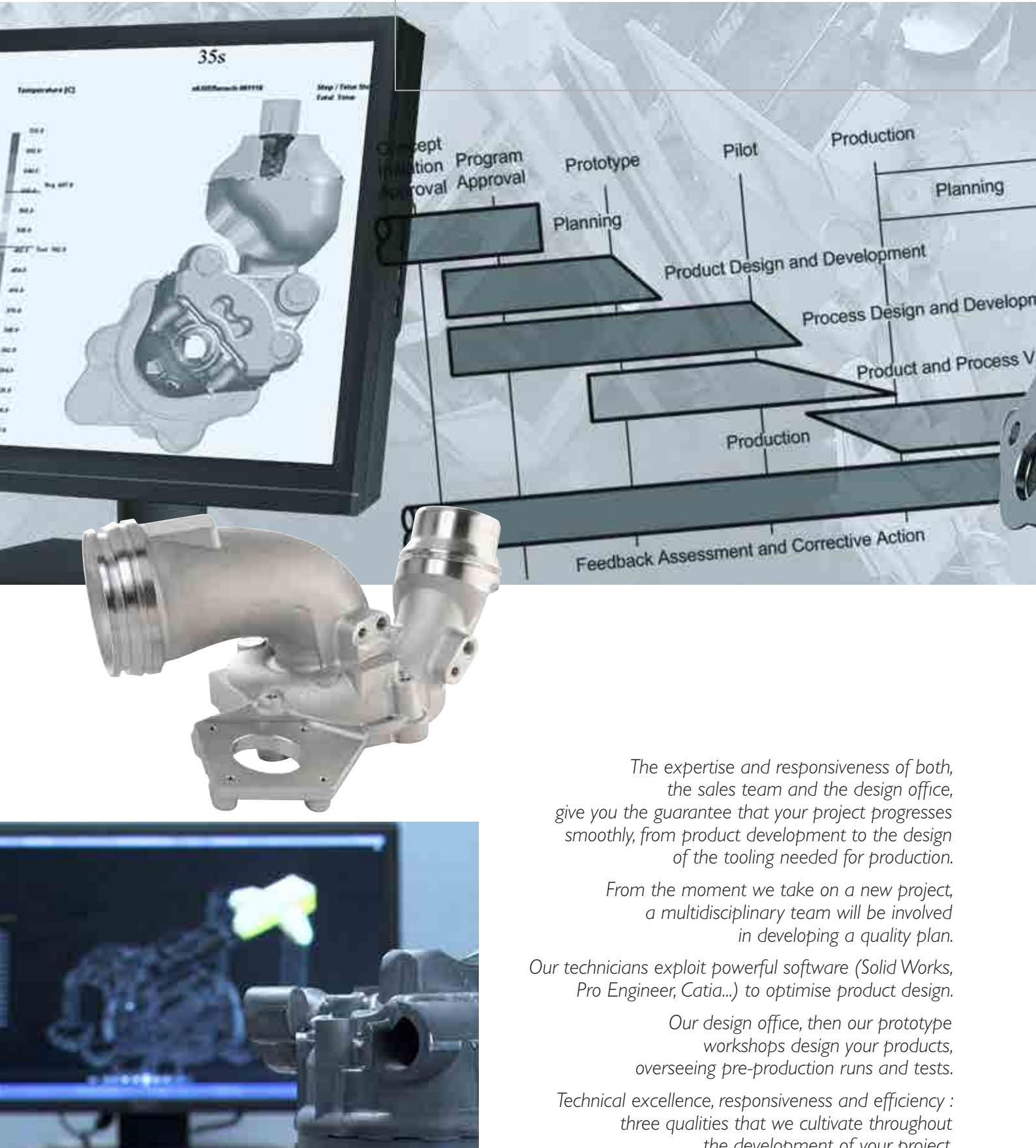
Industrial Division

SAB Belmont
SAB Rhodanienne

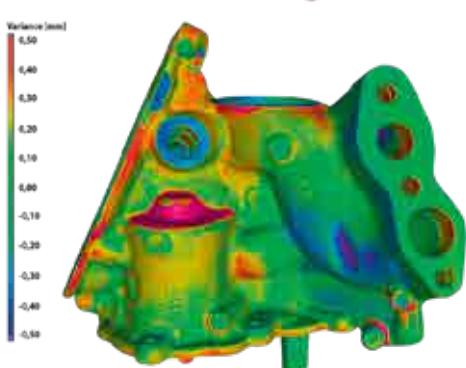
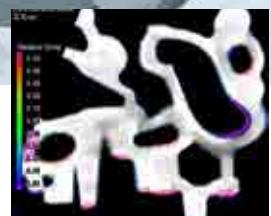
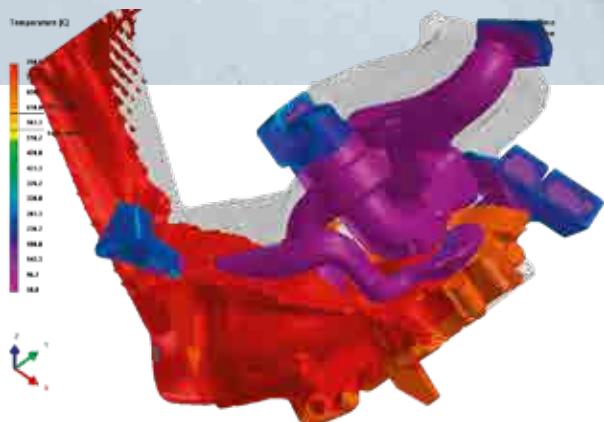
Automotive Division

SAB Matour
SAB Thévenin
SAB Montmerle
SAB Nafta

project devel



opment



Committed to meeting customer requirements and care for the environment, Groupe SAB based its quality and environmental system on the latest applicable standards : ISO 9001, ISO TS 16949, ISO 14001 and VDA 6.3, OHSAS 18001.

The certification requirements of these standards, the process approach, the use of high quality tools such as AMDEC, 5S, Lean Manufacturing and continuous improvements help to keep quality defect costs down and to anticipate the needs of our customers.

Because you should be listened to... and heard

the expertise of



Our laboratories are able to carry out all the necessary expert investigations in the production of car parts:

spectrometric analysis, thermal analysis to validate the effectiveness of metallurgical treatments, micrographic observation of structures for full understanding and control of the material.

These checks may be complemented by radioscopy, mechanical tests on finished parts on cores or specimen and hardness tests.

Our laboratories are also equipped with facilities for comparing the actual dimensions of a part with its cad design, means of measuring the cleanliness of a part (Tomography, CT Scan), white room and analysis laboratory of cleanless and even thermographic measurement facilities.

Lastly, dimensional checks and statistical monitoring of critical characteristics can be done on our several three-dimensional measuring machines.

We also have many other control equipments: Formtracer, Roundtest, Surftest, Automatic cleanless Analysis System...

our laboratories



Because in a car,
nothing is left to
chance





Gravity Die Casting



our products

Specificity of Groupe SAB products

*Our products are present in motorization,
electrical control systems, steering and air-conditioning,
systems...*



Iron Casting

High Pressure die Casting





Gravity Die Casting



High Pressure die Casting



Because our skills
are the key to your performance

production



gravity die casting

Our capacity for investment and self-financing allow us to be a top-performer and make ourselves more competitive.

Carrousel production lines, robotised production lines, automated casting, Groupe SAB is an expert not only in mass production gravity casting techniques, but also in Isocet and Croning core moulding, heat treatment and robotised finishing.

facilities

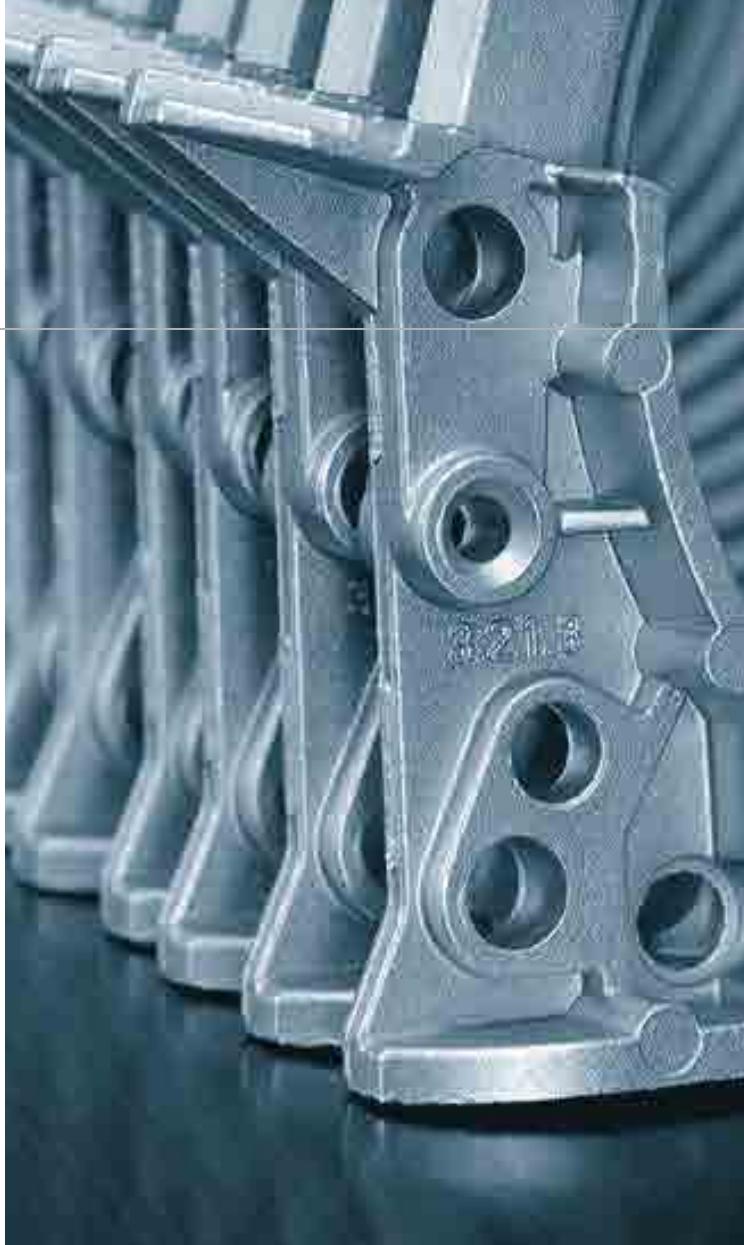


aluminium pressure die casting

Groupe SAB also possesses the know how in high pressure die casting.

Half a century of die casting developments filled by latest technologies and ambitious research programs focused on part design improvements, permanent mold concepts, process gain and upgrades.

Equipped with technologies : flow-thermic-freeze time-retraction factor simulations, alloy refining, shot control, squeeze casting, jet cooling, squeeze pins, massive air flow runners, insert molding

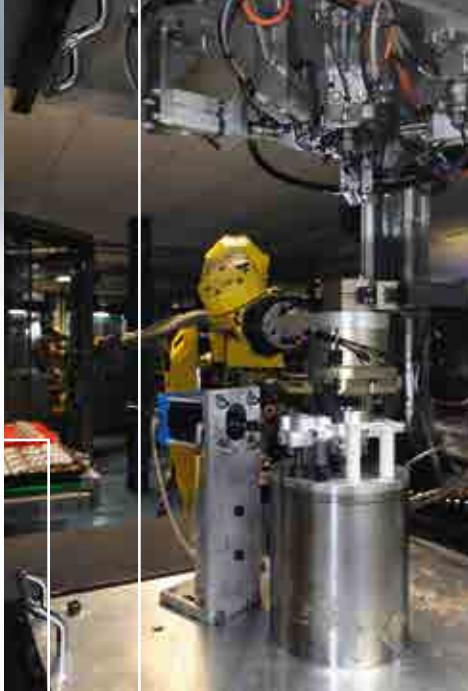


Pressure
to succeed Casting
your future...



For each project Groupe SAB studies and invests in appropriate adaptable and automated processes.

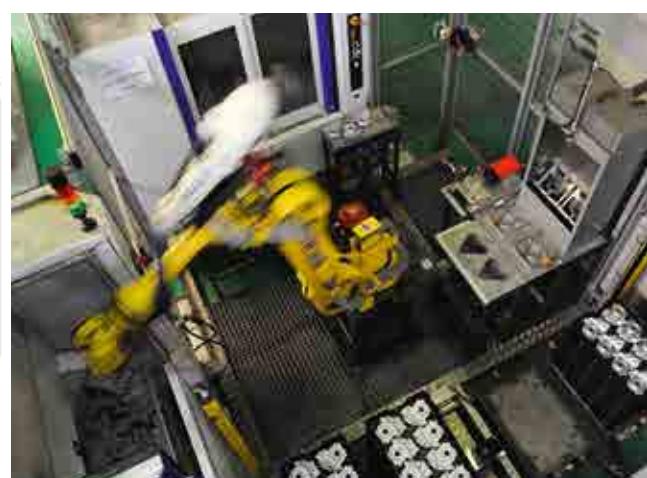
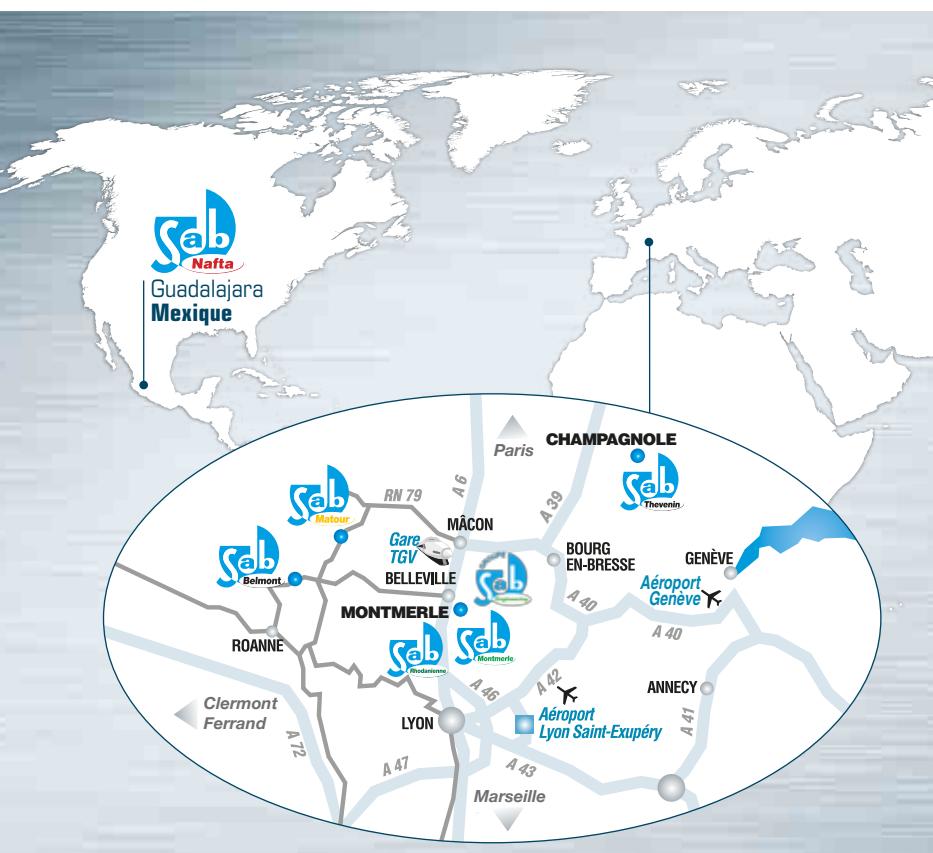
Machining, deburring ECM and tribo-finishing, washing to provide clean parts which today is an essential criteria of quality, assembly, dimensional control, leak test, endoscopy to guarantee you maximum productivity hand in hand with total quality.



facilities

Because our investment policy enables us to remain competitive in a global market

Location



45 mm de Lyon St Exupéry • 2 h de Genève • 30 mn du TGV Macon Loché

Automotive Division

Aluminium Casting and Machining

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