

**AUTO
MOTIVE
INDUSTRY
DIRECTORY
NORD - PAS DE CALAIS**



AUTO MOTIVE INDUSTRY DIRECTORY NORD - PAS DE CALAIS



The regional automotive industry is essential to the economy of the Nord-Pas-de-Calais, which is the second most important region in terms of automotive production in France, and third in Europe, with approximately 35,000 employees directly involved in this activity. As such, it is worthy of the full attention of the authorities and industry stakeholders, and several of its projects are supported financially by the State and Regional authorities. In particular, this is the case with the Pôle Automobile (Automotive Cluster), which brings together and consolidates all stakeholders in the regional automotive community. The Pôle Automobile supports the development of the sector and promotes the "Nord - Pas-de-Calais" region as a place of opportunity for the automotive industry.

This directory will be a valuable tool for publicising the expertise of our regional businesses and laboratories. It will be used nationally and internationally, to showcase all of our strengths and to demonstrate our aspiration in this sector.

We would like as a group to pay tribute to the initiatives of the Pôle and invite all stakeholders to continue this momentum, to encourage competitiveness, employment and the attractiveness of the regional automotive industry.

Dominique Bur

Prefect of the Nord - Pas-de-Calais region

Pierre de Saintignon

First Vice Chairman,
Regional Council Nord - Pas-de-Calais

« One of the distinctive strengths of our industry in the region, which, let's not forget, is in second place nationally, is the quality of its vast and diverse network of stakeholders. Of course this includes manufacturers, but also international OEMs and a multitude of SMEs. Keenly aware of this force, the Nord-Pas-de-Calais Pôle Automobile has made it a priority to strengthen it.

In an effort to better assist all companies in the Automotive sector in the Nord-Pas-de-Calais, and in particular SMEs, the Pôle Automobile has developed, along with its partners in the region, a collection of initiatives aimed at managers, to help support the decision-making process in the implementation of their projects.

This book aims to give you a clearer vision of the many initiatives and to increase their accessibility.

It seems important to us that we continue to be DARING. With this in mind, please feel free to get in touch with the various contacts in this manual. The success of our industry in the region will remain dependent on the strength of the relationships between the various parties involved. »

Frédéric PRZYBYLSKI,

Chairman of the Nord - Pas-de-Calais

Pôle Automobile

and the Nord-Pas-de-Calais A.R.I.A

(Regional Association for the Automotive Industry).

THE PÔLE AUTOMOBILE (Automotive Cluster)

After 10 years of close collaboration for the survival of businesses in the automotive sector, the state, region and industrial groups in the ARIA initiated the Nord-Pas de Calais Pôle Automobile (Automotive Cluster) to reinforce cooperation and improve cooperation between partners in the sector. Its mission: "To support the Automotive industry in the Nord-Pas de Calais region, by promoting its development, to prepare it for the future"

Its objectives:

- Develop a common strategy in order to: improve the competitiveness of stakeholders in the industry and to support consolidations, combinations and transfers.
- Enhance the attractiveness of our industry and our region for a younger generation, entrepreneurs and investors in the sector.
- Develop research and innovation.
- Deploy initial and/or continuous training with stakeholders.
- Take charge of any projects that may promote the development of our industry.

To carry out its activities, it relies on five specialist committees that it coordinates:

- Industry Promotion Committee, led by Nord France Invest
- Employment and Expertise Committee, led by the Nord Pas de Calais UIMM (Union of Metallurgies Industries)
- Performance and Competitiveness Committee, led by the Nord Pas de Calais ARIA
- Innovation Committee, led by Nord France Innovation Development
- Financial Support Committee, led by OSEO (a French public-sector institution for economic development)

Nord-Pas de Calais PÔLE AUTOMOBILE
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THE ARIA - Regional Association for the Automotive Industry

"Working together, for future progress in the Automotive industry"

Private association of industrial groups in the Regional Automotive Industry:

Founded in 1996, it now includes nearly 120 members of all sizes (Manufacturers, Tiers 1, Tier 2 and above) and all trades (metallurgy, mechanics, plastics, rubber, glass, textile, electricity and electronics, capital goods, engineering, consulting, training, testing labs, and more).

It coordinates meetings to discuss best practice as well as topic-based clubs; it organises conferences and events for the promotion of the sector: Teachers' Month, Trainee Awards, etc. and publishes the newspaper "l'œil à la fenêtre", its online newsletter "le fil d'ARIA" and maintains its website.

Since July 2008, it has been a vehicle for the collective action, ASPARANCE, supporting the competitiveness of SMEs. Its key features are:

- Diagnosis: Training and support for strategic analysis tools and monitoring the action plan
- Continuous progress: Training and support for participatory management at all levels of the hierarchy
- Competitiveness: Training and support for the implementation of LEAN Management and LEAN Manufacturing.

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COMPANIES

NORD-PAS-DE-CALAIS

ABYLSSEN SIGMA

Engineering and consulting for major industry clients and SMEs

abylsen

CREATING THE FUTURE

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Abylsen contributes to innovation and business performance by providing expertise in engineering technologies required by companies for their manufacturing projects. The Abylsen teams help to ensure "time to market". They contribute to the success of efforts to optimise organisation and operational performance. The added value created by Abylsen is based on three pillars: technological excellence, industry expertise and a culture of commitment which allow it to take on board the challenges facing its customers.

Simon NETTERSHEIM

Manager – Automotive sector

BUSINESS ACTIVITIES

Studies, engineering,
testing
Services

SITE CREATION

2006

WORKFORCE (FTE)

172

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, Belgium, Europe &
International

SITES OUTSIDE FRANCE

Belgium, Germany

CLIENTS

Valeo, Faurecia, Visteon,
PSA, Toyota, Delphi,
MarkIV

DESIGN OFFICE

No

TURNOVER

€12M

automotive

sector: 10 to 25%

export: Not known

MANAGER

Florian MASSAUX
Subsidiary director

ADES METROLOGY

Experts in metrology and reverse engineering



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ADES, a metrology specialist since 2004, is an expert with the ISO metrology and management standardisation committees (ISO 9001, ISO TS 16949 and lean). We implement metrology procedures with optimisation of calibration periods. ADES helps its clients to meet required standards by ensuring greater reliability. Metrology must provide productivity gains and not additional costs. This is what ADES provides to its customers. We also carry out testing, either by conventional probing method, by numerical inspection, by reverse engineering or photogrammetry. The ADES catchment area covers France and Europe. ADES was awarded the French quality award in the European EFQM framework (total quality) and obtained a R4E 4 star qualification (recognising total quality excellence)

Marie-Christine MORETTI
Manager

BUSINESS ACTIVITIES
Metrology

SITE CREATION
2004

WORKFORCE (FTE)
5

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
Regional, France,
International - Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Rieter, Valeo, Treves,
Areva, GDF, Eurocopter

DESIGN OFFICE
No

TURNOVER
Not known
automotive sector: 10 to 25%
export: 10 to 25%

MANAGER
Marie-Christine MORETTI
Manager

AGRATI

Major supplier of technical fasteners for motor vehicle manufacturers



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Founded in 1939, AGRATI is an Italian family business specialising in the development, production and sale of fastening solutions. In 2009, the Agrati Group and its 4 companies (including 7 factories) saw the addition of 4 French production sites for fastening products for the automotive industry, including that of Vieux Condé. As a result, the Agrati Group became group of 1700 people achieving more than 300 million euros in turnover. The company operates primarily in the area of automotive manufacturers and suppliers, but also supplies industrial, appliance and distribution sectors.

The industrial project completed in late 2011 led to the establishment of headquarters and a logistics platform on the Vieux-Condé site, near Valenciennes. The Vieux Condé factory also benefited from a complete overhaul with the replacement and addition of new stamping and rolling machinery as well as brand new heat and surface treatment lines. Buildings were renovated, and sorting and testing systems were added.

Marc PUECH
Head of Marketing

BUSINESS ACTIVITIES
Fastening solutions

SITE CREATION
1828

WORKFORCE (FTE)
290

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
90% France

SITES OUTSIDE FRANCE
Italy, Germany, China

CLIENTS
PSA and Renault Nissan

DESIGN OFFICE
Integrated

TURNOVER
€36M
automotive sector: over 75%
export: less than 10%

MANAGER
Patrick DEJEAN
General Manager

AKEBONO

AKEBONO Brake Experts



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Present since 1999 in Arras, AKEBONO, a global friction specialist, supports motor vehicle manufacturers based in Europe by offering high-performance brake pads, designed in our European Research Centre in the Paris area. With 80 years of experience and expertise, we provide advanced braking solutions, addressing issues of noise control, vibration and endurance.

Always attentive to the needs of our customers, through the management and analysis of friction and vibration, we are determined to protect and enrich the lives of all.

BUSINESS ACTIVITIES

manufacture of brake pads

SITE CREATION

1999

WORKFORCE (FTE)

150

COMPANY TIER

Tier 2 and above

COMPANY

Japanese

MARKETS

International, Europe and outside Europe

SITES OUTSIDE FRANCE

Germany, Japan, USA, China, Thailand, Indonesia

CLIENTS

BOSCH, Continental Teves, TRW, Mazda, Mitsubishi, Toyota, Audi, Mercedes, Fiat, Peugeot

DESIGN OFFICE

Integrated

TURNOVER

€27M

automotive

sector: over 75%

export: 50 to 75%

MANAGER

Henri Yasutoshi
Nobumoto
Plant Manager



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From design to construction, we are a passion, passionate people, and specialists in engineering for industry.

AMS has been positioned in the Nord region for over 50 years and is renowned for its expertise in the field of precision mechanics. From mould tooling to tooling for bending, forming, and injection moulding, as well as testing systems and special machines, our reputation is based on solid industrial experience. The fact that we work with different suppliers in the Nord region enables us to handle complex projects.

Our machining capabilities for turning, 3D milling, EDM and wire EDM, surface and cylindrical grinding, fitting, installation, and wiring meet the stringent requirements of the automotive, rail and nuclear sectors. Our project managers, accustomed to clients from different sectors, monitor and provide advice directly on the ground.

Denis DEPRAT
CEO

BUSINESS ACTIVITIES

Machining
Moulds and tooling
Studies, engineering,
testing

SITE CREATION

1958

WORKFORCE (FTE)

29

COMPANY TIER

Tier 2 and above

COMPANY

Not known

MARKETS

Regional, France,
International - Europe and
outside Europe

SITES OUTSIDE FRANCE

No

CLIENTS

Not known

DESIGN OFFICE

Integrated

TURNOVER

€1600 K

automotive

sector:

10 to 25%

export:

less than

10%

MANAGER

Denis DEPRAT
CEO

AQUARESE INDUSTRIES

High Pressure Water Jet Process Specialist



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For nearly 25 years, AQUARESE has developed various processes using liquids at very high pressure (800 bar to 8000 bar): cutting (pure waterjet/abrasive waterjet), drilling, blasting, deburring, knocking, washing, autofrettage, fatigue tests, and more. Nearly 60% of AQUARESE turnover comes from selling special or standard machines (from design to start-up at customer sites). In parallel, AQUARESE has developed a significant subcontracting business on all aforementioned processes, with machines operated directly on our premises. Our various skills (High Pressure, Mechanical, Electrical, Hydraulics, Fluid Filtration, CNC, Robotics, Automation, Training, Cabling, Machine Safety, etc.) enable us to offer multiple services contracts to manufacturers in France and abroad (sales of spare parts, consumables, maintenance services, compliance upgrades, retrofits, etc.) ASTIRIA (a subsidiary of AQUARESE) provides automation of all its projects and facilities (robotic applications of all brands). Much of AQUARESE's business takes place in the Automotive, Aerospace, Steelworks markets... in France and abroad (eg: India, Russia, Eastern Europe).

Patrick DARGENT
CEO

BUSINESS ACTIVITIES

Manufacturer
Stamping
Smelting
Assembly
Studies, engineering,
testing
Services

SITE CREATION

1988

WORKFORCE (FTE)

40

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, Western Europe,
Eastern Europe, India

SITES OUTSIDE FRANCE

No

CLIENTS

Delphi, Toyota,
Continental, Renault,
Rieter, Visteon, Linamar,
Antolin, Faurecia, Senior,
Snecma, Messier-Bugatti,
Aircelle

DESIGN OFFICE

Integrated

TURNOVER

€5M

automotive

sector: 25 to 50%

export: 25 to 50%

MANAGER

Patrick DARGENT
CEO

ARETEC INGÉNIERIE

Designer and manufacturer of automated production lines



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A major player in the supply of special production methods, particularly for the automotive, aerospace and food sectors, ARETEC designs, manufactures and installs custom industrial solutions in numerous processes: punching machines, assembly methods, robotised units, laser welding, ultrasonic welding, riveting, handling, automatic fastening, quality control methods, and so on. Thanks to its very flexible organisation and its close contact with customers, ARETEC provides equipment that meets your industrial needs.

ARETEC is committed to helping you achieve your goals of technological performance, productivity and efficiency, all while maintaining the highest quality and safety standards.

ISO 9001 certified, ARETEC is also committed to a constant process of continuous improvement and applies a very active safety policy.

René HERBAUX
Plant Manager

BUSINESS ACTIVITIES

Studies, engineering,
testing
Services
Special machinery
Electricity
Automation

SITE CREATION

1998

WORKFORCE (FTE)

43

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

France, Russia, Romania,
Morocco, Spain, Italy,
Belgium

SITES OUTSIDE FRANCE

No

CLIENTS

Renault, PSA, Valeo,
Cofely, Loreal, Yamaha,
Bombardier, Aerolia,
Allevard

DESIGN OFFICE

Integrated

TURNOVER

€6800 K

automotive

sector: 50 to 75%

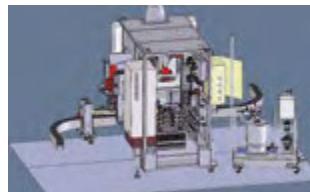
export: 10 to 25%

MANAGERS

René HERBAUX
Plant Manager

ARRAS MAXEI

Design and production of all machinery and manufacturing equipment



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The company ARRAS MAXEI originated in 1898 when it established a reputation for manufacturing miners' lamps. Its production has evolved considerably over its 114 year history. Its ENERGY division has developed a range of goods for manufacturers and users of transformers and electric motors (Vacuum furnaces, Impregnation, Oil Treatment) that the company exports worldwide. The PROCESS INDUSTRY division designs and builds special machines, mechanical subsets and tooling for all types of industries including the automotive sector, which accounts for 70% of this activity. This expertise is based on the technical skills of our design office, in fields as diverse as vacuum and high pressure technology, thermodynamics, heat and cold, fluid mechanics, hydraulics, pneumatics, electrical, automation and information technology. Our integrated mechanical workshop and our versatile assembly service mean we can take charge of your project from A to Z, from assistance with the preparation of specifications, design, construction, to the turnkey start-up of your machine and after-sales follow-up service.

Olivier HUTIN
CEO

BUSINESS ACTIVITIES

Machining
Capital goods
Studies, engineering,
testing

SITE CREATION

1957

WORKFORCE (FTE)

77

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

International, Europe and
outside Europe

SITES OUTSIDE FRANCE

No

CLIENTS

Valeo, Allevard, Renault,
Francaise de Mecanique

DESIGN OFFICE

Integrated

TURNOVER

€8.5 K

automotive

sector: 10 to 25%

export: 10 to 25%

MANAGERS

Olivier HUTIN
CEO

ARTOIS PLASTIQUES

Machining technical plastics. Sale of plastic materials.



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ARTOISPLASTIQUES is located in Houdain, 26 km from Lens. The company now has around thirty employees and annual sales of approximately €2.5 million. It specialises in the machining of plastics and composites, mechanical welding and plastics processing. In addition, the company has two specific areas of expertise: polyurethane milling and machine housings. In addition to its manufacturing activities, ARTOIS PLASTIQUES, with a plastic raw materials stock among the largest north of Paris, also works in the sale and cutting of all plastics, according to customer requirements and specifications. An online store dedicated to the sale of plastics provides our customers with online quotations and ordering (16 grades and 5 types of format).

Jérôme LOBEL
CEO

BUSINESS ACTIVITIES

Machining
Composites
Rubber
Studies, engineering,
testing
Sale of plastic raw
materials

SITE CREATION

1979

WORKFORCE (FTE)

31

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

France

SITES OUTSIDE FRANCE

No

CLIENTS

Peugeot, Renault, Toyota,
Faurecia, Valeo, Delphi

DESIGN OFFICE

Integrated

TURNOVER

€2.5 M

automotive

sector:

10 to 25%

export:

less than
10%

MANAGERS

Jérôme LOBEL
CEO

ASCOMETAL

A European leader in special steel solutions

ASCOMETAL



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ASCOMETAL SAS is a European leader in long special steels for the Automotive, Bearing, Spring, Oil/Gas and Mechanical markets.

Expertise in steel processes with 4 industrial sites: les Dunes (59), Hagondange (57), Le Cheylas (38), Fos sur mer (13), 2 completion units: Custines (54) and le Marais (42), a Centre for Research and Development (CREAS).

In addition to conventional grades (carbon steel and alloy steel) ASCOMETAL SAS develops a range of specific products (Metasco®, Jomasco®, Splitasco®, Nitrasco®, Ascowell®, Ascoroc®, Ascoflex®, Endurasco®, Vitac®...). An expert in technical safety parts, ASCOMETAL SAS offers the automotive market robust solutions tailored to the needs of OEMs for the following applications: engine, injection, steering, transmission, suspension systems, gearbox.

The Les Dunes site, specialised in large diameter products is particularly involved in the world of HGV and Public Works equipment (injection, transmission, bearings).

BUSINESS ACTIVITIES

Iron and steel works

SITE CREATION

1912

WORKFORCE (FTE)

Not known

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

International, Europe and outside Europe

SITES OUTSIDE FRANCE

Germany, Italy, Spain, USA, Singapore

CLIENTS

Barriol & Dallièrre (Farinia Group), Iveco, Volkswagen

DESIGN OFFICE

No

TURNOVER

Not known

automotive sector:

less than 10%

export:

less than 10%

MANAGER

Franck DOURENS
Director of the Dunes site

BARON

Design and construction of special machines and production lines



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Service - Innovation - Expertise

These are the keywords that characterise our family business. Since 1983, the group has grown considerably by expanding its range of activities and diversifying its businesses. We are now able to handle turnkey projects for major international clients.

We have acquired extensive expertise in the design and manufacture of special machines and assembly lines in the automotive sector.

Please visit our website where you will find a few of our projects: assembly line for electric window motors (€1.8 million) for the USA, stations for testing, assembly, welding, etc. and our latest innovation: simultaneous punching and welding stations. We work closely with our clients on innovative solutions to reduce production costs and optimise cycle time.

ISO 9001 Certification: 2008 and MASE (safety certification)

Stéphanie BARON

Head of Communications

BUSINESS ACTIVITIES

Machining
Electricity/electronics
Assembly
Fastening solutions
Moulds and tooling
Capital goods
Studies, engineering, testing
Services

SITE CREATION

1983

WORKFORCE (FTE)

300

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, International

SITES OUTSIDE FRANCE

No

CLIENTS

Not known

DESIGN OFFICE

Integrated

TURNOVER

€25M

automotive sector:

25 to 50%

export:

10 to 25%

MANAGER

Phillipe BARON
Manager

BENTELER

Specialist in dashboard cross-member assembly



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Our Benteler JIT Douai site was established in April 2002 on the Supplier Business Park of the Renault Plant in Cuijncy, located in the North of France.

Since its creation, our site has specialised in the assembly of different dashboard cross-members, the JR84, B84 and J95, while engaging in a process of continuous improvement.

With our quality results and the commitment of our employees, our site has been rewarded by the arrival of two new projects: the assembly of the cross-member for the ZOE electric vehicle (Renault FLINS) currently in start-up, and assembly of the cross-member for the SMART (EDISON Project in Hambach): cross-member assembly is expected to start in early 2014.

Our plant is also involved in new projects. With our increase in sales and the support of the Urban Community of Douai, we can develop our business on a larger site and create more than 50 jobs. This new configuration could then open us up to other manufacturers and expand our areas of expertise.

Jean-Michel DESMIDT
Director

BUSINESS ACTIVITIES
Assembly

SITE CREATION
2002

WORKFORCE (FTE)
30

COMPANY TIER
Tier 1, 2 and above

COMPANY
German

MARKETS
France

SITES OUTSIDE FRANCE
No

CLIENTS
Renault Douai, Renault
Flin, Smart Hambach

DESIGN OFFICE
No

TURNOVER
€8M
automotive sector: over 75%

export: less than 10%

MANAGER
Jean-Michel DESMIDT
Director

BV PRODUCTIONS

Space solutions for commercial vehicles



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Fax +33 (0)3 21 08 18 28
www.bvproductions.com
courrier@bvproductions.com



Since 1982, BV PRODUCTIONS, a manufacturer and bodywork specialist based near Lens, has been making seats and accessories for light commercial vehicles.

We offer standard and custom design solutions for light commercial vehicles (from 2.6t to over 5t): fixed, removable and foldable cabs, and specific designs for adding additional seats. As well as a wide range of accessories such as wooden flooring, racks, footboards, windows, tow bars, protective walls, vents, electrical equipment and more.

Our deep cabins and seats are developed by our research department and approved according to UTAC standards.

ISO 9001 certified, we put quality and customer satisfaction at the heart of our development.

Our design solutions are tailored to the needs of dealers, independent businesses, construction companies, rental companies, and so on.

Benoît GRISLAIN
General Manager

BUSINESS ACTIVITIES

Manufacturer (bodywork manufacturer)
Capital goods

SITE CREATION

1870

WORKFORCE (FTE)

42

COMPANY TIER

Manufacturer,
Tier 1, 2 and above

COMPANY

French

MARKETS

France, Belgium, Germany

SITES OUTSIDE FRANCE

Belgium, Germany

CLIENTS

Gifa, Vehixel, Renault
Tech

DESIGN OFFICE

Integrated

TURNOVER

€7.5 M

automotive

sector:

over 75%

export:

less than
10%

MANAGER

Benoît GRISLAIN
General Manager

CARLIER PLASTIQUES

European leader of composite panels



15 Chaussée Brunehaut
BP 8
62470 CALONNE RICOUART
Tel +33 (0)3 21 65 54 54
Fax +33 (0)3 21 65 69 95
www.carlier-plastiques.com
contacts@carlier-plastiques.com



On its CALONNE RICOUART site, CARLIER PLASTIQUES manufactures composite panels for HGV bodies from 3.5T to semi-trailers. The company has a continuous laminating line for transforming raw materials - resin, fibreglass, panel core - directly into finished products, which are then cut to size. This highly productive machine, developed in-house, has a production capacity of over one million square metres per year. Our panels have different cores: plywood wood, honeycomb, polycarbonate, PU and PET foams, and are covered with a glass laminate/resin on each side.

We manufacture and supply panels in many different formats to our clients, bodybuilders and manufacturers across Europe, from rear truck doors to the sides of semi-trailers (13m x 3m).

CARLIER PLASTIQUES also has a 14m x 3m press for making panels tailored to customer specifications, with inserts, reinforcements, etc. The company is ISO 9001 certified.

CARLIER PLASTIQUES has developed, and continues to pursue, innovative solutions to reduce the weight of panels in the total weight of the bodywork and to therefore improve the load carried and propose new core materials for our panels.

Jean DARCAS
Sales Manager

BUSINESS ACTIVITIES
Composites

SITE CREATION
1957

WORKFORCE (FTE)
110

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
International - Europe and
outside Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Fruehauf, Labbé, Groupe
Libner, Spier

DESIGN OFFICE
No

TURNOVER
€18M
automotive
sector: over 75%
export: 50 to 75%

MANAGERS
Jean-Brice GUERIN
Chairman
Olivier HOUPIN
General Manager

CARNIERE ET DEFOSSEZ

Your partner for fastening solutions and installation techniques



ZI Champ de l'Abbesse
BP 90149
59602 MAUBEUGE Cedex
Tel +33 (0)3 27 64 89 30
Fax +33 (0)3 27 64 04 83
www.carniere.fr
contact@carniere.fr



Our company's experience in the field of manufacturing a range of fastening solutions, since 1925, has enabled us to develop expertise in cold heading.

In fact, we now produce standard parts that we keep in stock, in the market of welding and self-clinching fastening solutions. We also offer many services - from diagnosis to after-sales - for installation techniques, with a complete range of welding machines and presses for self-clinching fasteners.

Our level of expertise also means that we can offer our customers even more services: an assessment of their needs in terms of special parts so that our teams can work with them to design, develop and manufacture their complex and technical special parts. Today, our main development objective is to continue to evolve in the manufacture of complex technical parts thanks to our integrated Design Office, as well as our multi-station cold headers (up to 6 stations).

Our products attract all types of companies, from SMEs to major groups, for their assembly solutions on metal surfaces, giving us a presence in sectors as diverse as they are innovative: automotive, rail, building, appliances, electrical and electronic equipment, metal furniture, subcontracting thin sheet metal, and so on.

Olivier CARNIERE
CEO

BUSINESS ACTIVITIES

Assembly
Fastening solutions

SITE CREATION

1925

WORKFORCE (FTE)

16

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

France, Northern and
Eastern Europe, Maghreb

SITES OUTSIDE FRANCE

No

CLIENTS

Groupe SEB, Areva, Bow-
den, Simonin

DESIGN OFFICE

Integrated

TURNOVER

€3M

automotive 1

sector: 0 to 25%

export: 10 to 25%

MANAGER

Olivier CARNIERE
CEO



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www.clid.fr
systemes@clid.fr



Established in 1949, our company's initial focus was on materials distribution, before entering a new era in the 90s with the creation of a design office, the launch of a "systems" activity and our first projects for export.

In 2001, CLID SYSTEMES obtained ISO 9001 certification. In 2010, the company SIMA became the main shareholder and our business merged with the Saca Group, which included a number of companies offering products, engineering and services focused on the application of liquid paint worldwide, as well as increased financial and industrial power.

CLID SYSTEMES supports its customers for projects related to robotic or automated surface treatment and the distribution and application of paints and thick products (mastic, glue, etc.). We implement custom facilities around the globe and develop solutions that are reliable and efficient, with an ecological stance. As a "human-sized" company, we offer flexibility and responsiveness, while remaining extremely competitive in terms of budget.

CLID SYSTEMES offers: Research, Testing, Installation, Commissioning and programming, Operator Training, Care and maintenance, Supply of spare parts and replacement parts, Upgrade and conversion of lines.

Partners: Graco, ITW (Devilbiss, Binks, Ransburg), Sames, Fanuc Robotics, Anest Iwata, Spie, Abeyor, Sima, Alfa.dis, Saca, Brofind, Alco, Über & Ranner, Heck...

BUSINESS ACTIVITIES

Surface treatment
Capital goods
Studies, engineering, testing

SITE CREATION

1949

WORKFORCE (FTE)

7

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

Global

SITES OUTSIDE FRANCE

No

CLIENTS

PSA, Forecia, Renault, Toyota

DESIGN OFFICE

Integrated

TURNOVER

€17M

automotive

sector: over 75%

export: 10 to 25%

MANAGER

Hendrik GHEYSEN
General Manager

CREATIQUE TECHNOLOGIE



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501, rue D'athenes
62138 BILLY BERCLAU
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cgoibert@creatique-technologie.com



CREATIQUE Technologie works with many major players in the automotive, telecommunications, rail, manufacturing, and aerospace industries and in the electrical industry in general. Our core businesses are test connectors, test systems, precision engineering and computer management solutions.

François SALAMONE
Chairman

BUSINESS ACTIVITIES

Manufacturer
Electricity/electronics
Capital goods
Studies, engineering,
testing
Services

SITE CREATION

1992

WORKFORCE (FTE)

42

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

Regional, France,
International Europe or
outside Europe

SITES OUTSIDE FRANCE

Germany

CLIENTS

BMW Daimler, FORD, GM,
KIA Motor, PSA, RENAULT,
TOYOTA Motor, VW and
others

DESIGN OFFICE

Integrated

TURNOVER

€3M

automotive

sector: 50 to 75%

export: 50 to 75%

MANAGER

François SALAMONE
Chairman

CREPIM

Centre de Recherche et d'Étude sur les Procédés d'Ignifugation des Matériaux
(Centre for Research and Study on Processes for Fireproofing Materials)



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www.crepim.fr
contact@crepim.fr



CREPIM is a European laboratory for the development and validation of materials in all sectors affected by fire safety. Located in the heart of Europe, CREPIM develops and tests fire-resistant formulations for companies working in the sectors of mass transportation (rail, air and sea), private transport (automotive), buildings, electricity and textiles.

Its skills revolve around six main activities:

Assessing the burning behaviour of materials in terms of reaction and resistance to fire,

Participating in European standardisation work through French mirror groups related to buildings (CEN/TC 127) and plastics (CEN/TC 61)

Developing flame-retardant materials for all areas of application,

Recycling plastic materials,

Functionalising materials and assemblies,

Training for businesses,

CREPIM thus provides companies with all the necessary means for validating their materials so that they meet European requirements for fire safety in all areas of application.

Franck POUTCH
Director

BUSINESS ACTIVITIES

Studies, engineering,
testing
Services

SITE CREATION

1992

WORKFORCE (FTE)

20

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

Regional, France,
International - Europe and
outside Europe

SITES OUTSIDE FRANCE

No

CLIENTS

ALSTOM TRANSPORT,
CCP COMPOSITES,
Faiveley, etc.

DESIGN OFFICE

no

TURNOVER

€2000 K

**automotive
sector:**

less than
10%

export:

25 to 50%

MANAGERS

Franck Poutch
Director

CRITT M2A

Engine and turbo expertise



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jbodelle@crittm2a.com



Primarily dedicated to R&D for the automotive industry, since 2000 the CRITT M2A test centre has offered engine development and endurance tests across 7 test benches, as well as acoustic and vibration measurements on high-tech equipment. Since late 2009, 5 test benches for turbochargers have been added to the CRITT M2A resources, enabling us to expand our range of tests and propel our centre onto international automotive engineering markets: CRITT M2A now generates 50% of its turnover in export (Europe and North America mainly).

Our expertise in terms of testing turbochargers, engines and acoustics, as well as the quality of the follow-up offered to our customers means our expertise is valued by manufacturers, OEMs and motor vehicle manufacturers throughout the world. Today, CRITT M2A is focusing on this expertise and on the continuous improvement of its skills and innovative tools to help all stakeholders in the automotive industry rise to tomorrow's technological, economic and ecological challenges on every continent.

Jérôme BODELLE
CEO

BUSINESS ACTIVITIES
Engineering

SITE CREATION
2000

WORKFORCE (FTE)
22

COMPANY TIER
Tier 1, 2 and above

COMPANY
French

MARKETS
International - Europe and
outside Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Peugeot, Renault,
BorgWarner

DESIGN OFFICE
No

TURNOVER
€2.5 M
automotive
sector: over 75%
export: 25 to 50%

MANAGERS
Jérôme BODELLE
CEO

DBT CEV

Leader in charging infrastructure for electric vehicles



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62117 BREBIERES
Tel +33 (0)2 21 50 92 92
Fax +33 (0)2 21 50 92 90
www.dbtcev.fr
dbt-cev@dbt.fr



An SME based in Douai in 1990, Douaisienne de Basse Tension (DBT) is the French leader in the field of transformers. Thanks to this experience and its close relationship with the electricity provider EDF, DBT has also developed a complete range of retractable systems and terminals for power distribution in public areas, as well as access control systems via retractable terminals in urban areas. At the launch of the first initiatives for bringing electric vehicles to the market in the early 1990s, DBT developed a wide range of charging systems with diverse and varied solutions such as independent charging stations for individuals, paid terminals for private corporate and community fleets, self-service on the roads, for electric buses, quick-charge, etc. For almost 20 years, DBT has been installing and maintaining the largest fleet of charging stations for electric vehicles in French cities. Since 1994, EDF and DBT have provided terminals for cities committed to pioneering the electric vehicle: Paris, Bordeaux, Nice, Lyon, Saint-Etienne, Toulouse and Strasbourg. The DBT team also equips major retailers. More than ever, DBT is playing a leading role in the ongoing development of the electric mobility market, especially through the signing of several strategic partnerships with industry heavyweights. The Japanese automaker Nissan has chosen DBT. Finally, DBT is part of the development of other ambitious projects relating to the installation in the world's biggest cities such as Paris, London, Amsterdam, and Chicago.

Hervé Borgoltz
CEO

BUSINESS ACTIVITIES
Electricity/electronics
Assembly

SITE CREATION
1994

WORKFORCE (FTE)
47

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
Europe, North America

SITES OUTSIDE FRANCE
England, Italy

CLIENTS
Nissan Europe, Fondation
E-laad, Sodetrel (EDF
Group), Tokheim,

DESIGN OFFICE
Integrated

TURNOVER
€10M
automotive
sector: 25 to 50%
export: 50 to 75%

MANAGER
Hervé BORGOLTZ
CEO

DEGAND MARQUAGE

Your marking and visual management tool specialist



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Fax +33 (0)3 27 99 77 11
www.degandmarquage.fr
contact@degandmarquage.fr



Established in 1945 in Douai, Degand Marquage is developing its business in many sectors. Although it still continues its traditional engraving business, the company has progressively grown using new technology related to advances in computer technology.

Today it provides a variety of techniques and materials to meet the needs of its customers: mechanical and chemical etching, screen printing, large format printing and cutting, wood, aluminium, painted steel, stainless steel, trespas, laminate and resin. In industry, Degand Marquage offers products for identification, tracking, traceability, etc. Degand Marquage helps its customers in their visual management of quality, safety, production, and inventory management. To achieve this, the company innovates, develops and offers its own visual management tools. It knows how to deploy the necessary skills to carry out major or unique projects.

The company operates in the northern half of France, working for an extremely diverse client base of local authorities and industrial groups, which has led the company to follow them in their SITES OUTSIDE FRANCE. Very much a part of its regional fabric, for many years Degand Marquage has had a proactive approach towards schools and universities by hosting interns and creating partnerships for the development of innovative and eco-design projects.

BUSINESS ACTIVITIES

Capital goods
Other

SITE CREATION

1945

WORKFORCE (FTE)

10

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

France

SITES OUTSIDE FRANCE

No

CLIENTS

PSA

DESIGN OFFICE

No

TURNOVER

€750 K

automotive

sector:

10 to 25%

export:

Not known

MANAGER

Georges-Eric DURIEZ
CEO

Georges-Eric DURIEZ
CEO

DELCROIX KLEGE EUROP

Refrigerated bodywork



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www.delcroix.fr
info@delcroix.fr



A refrigerated bodywork specialist for over 50 years, Delcroix Kelge Europ designs, manufactures and sells bodywork suitable for any type of chassis, from 2.8 t to 34 tons. Its core business relates to issues of distribution, urban delivery and management of the last refrigerated mile. This current topic has enabled the design office to showcase their expertise through specific applications: transport, sorting, temperature, for home food delivery, autonomous adaptation on an electric vehicle, and applications related to transportation and storage of health products, are just a few examples of recent projects.

Mathias BOURGOIS
Chairman

BUSINESS ACTIVITIES

Design and manufacture of refrigerated bodies

SITE CREATION

1900

WORKFORCE (FTE)

110

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

France, Germany, Benelux, Switzerland

SITES OUTSIDE FRANCE

No

CLIENTS

Fraikin, Auchandirect, Via Location, France Wagon, Renault Trucks

DESIGN OFFICE

Integrated

TURNOVER

€13700 K

automotive sector:

less than 10%

export:

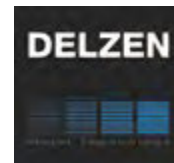
10 to 25%

MANAGER

Mathias BOURGOIS
Chairman

DELZEN

Die cut, stamped and assembled metal parts and products



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Fax +33 (0)3 91 83 05 06
www.delzen.com
delzen@delzen.com



DELZEN, an SME in the Automotive sector and Tier 2 subcontractor, is specialised in the manufacture of die cut and stamped metal products in steel, aluminium and stainless steel. Assembly, surface treatment and thread forming complete our offer. The manufacture and maintenance of tooling tools adds to our expertise and allows complete control of the manufacturing process.

With ISO 16949 certification, DELZEN makes its product quality a priority. Our technical expertise (engineering and design, methods, industrialisation) allows us to provide innovative solutions, and to be proactive while maintaining a high level of competitiveness.

Our sense of service and discipline means we can supply OEMs in France and abroad just in time.

Our locations abroad enable us to deliver to Eastern Europe and Southern Europe thanks to the geographical proximity of the group's various plants to our clients.

Bertrand DELZENNE
General Management

BUSINESS ACTIVITIES

Stamping
Machining
Surface treatment
Moulds and tools

SITE CREATION

1970

WORKFORCE (FTE)

80

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

International

SITES OUTSIDE FRANCE

Slovakia

CLIENTS

Faurecia, Sogefi,
Clummins

DESIGN OFFICE

Integrated

TURNOVER

€11M

automotive

sector: over 75%

export: 10 to 25%

MANAGER

Bertrand DELZENNE
Chairman

DEVOS VANDENHOVE

Guaranteeing your productivity



16 rue de l'usine
62140 GRIGNY
Tel +33 (0)3 21 06 60 00
Fax +33 (0)3 21 06 60 09
www.dv-groupe.fr
contact@dv-groupe.fr



Established in 1965, the Devos Vandenhove Group, a local business, has evolved into a national group with seven service centres and four sales offices. With its recent move into Germany, it is now an international group.

Our business was originally based on winding and engine maintenance. The market has since changed. To respond to these changes and to meet the needs of our customers, we have developed new expertise. As a result, our group currently comprises the five following activities: Electromechanical Maintenance, Electronics Maintenance, Predictive Maintenance, Electricity-Automation and Trading. Our five departments make our Group the national leader in drive systems, transmissions and control systems. Our position thus allows us to meet the needs and expectations of SMEs as well as major industrial groups. We have mastered the processes of each of our clients and implement solutions tailored to each context and production configuration.

DV and the automotive industry: the biggest names in the French and international automotive sectors trust us with their equipment and its improvement: PSA Peugeot-Citroën, Renault, Volkswagen, Audi, BMW. We also work on processes for automotive suppliers such as Dunlop, Valéo, and more.

Pierre VANDENHOVE
CEO

BUSINESS ACTIVITIES

Electricity/electronics
Studies, engineering,
testing
Services

SITE CREATION

1991

WORKFORCE (FTE)

150

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

France, Germany

SITES OUTSIDE FRANCE

yes

CLIENTS

PSA, Renault, STA,
Visteon, MCA

DESIGN OFFICE

Integrated

TURNOVER

Not known

automotive

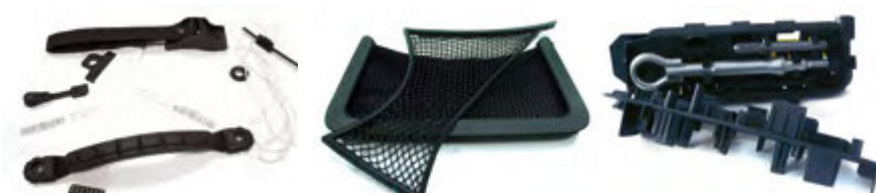
sector: 25 to 50%

export: less than
10%

MANAGER

Pierre VANDENHOVE
CEO

DMR RUBANS



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lfauvart@dmr-rubans.com



DMR is one of the 18 production units in the FAUCHILLE group. Our business is based on successful diversification, in which we have prioritised the following centres of development:

1 / Narrow technical textiles: we are experts in weaving, knitting and braiding technology. Example: elastic caps, net map pockets, boot and shelves, airbag straps, etc.

2 / Broad-width technical textiles: our production system allows us to manufacture from 40 cm up to 3.30 m in width for 30g/sqm to 1.5 kg/sqm in weight. Example: reinforcement of hoses, upholstery, airbags reinforcement, etc.

3 / Plastic injection + over-moulding of textile and/or metal: the plastics division operates thirty or so ultra-modern injection moulding machines with a capacity ranging from 22T to 1000T + a spray paint booth. Example: covers, armrests, floor mats, decorative plastic parts, bi-injection parts, etc.

4 / Metal work: this sector enables us to process sheets, tubes and wires + paint booth, powder coating. Example: compression and torsion springs for seats and headrests, strapping, alloy stampings for fastening, etc.

Our production capacity and the diversity of our tools mean we can offer increasingly complex systems that combine technical textiles, plastic and metal, in line with the specifications of manufacturers and suppliers.

Laurent FAUVART
Business Development

BUSINESS ACTIVITIES

Sheet metal
Technical Textiles
plastic injection moulding

SITE CREATION

1906

WORKFORCE (FTE)

50

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

France, Europe,

SITES OUTSIDE FRANCE

No

CLIENTS

Autoneum, Faurecia,
Hutchinson, Johnson
Controls, Lear, PSA,
Trelleborg, Etc.

DESIGN OFFICE

Integrated

TURNOVER

€6M

automotive sector: 25 to 50%
export: 25 to 50%

MANAGER

Olivier SALADIN
General Manager

DOURDIN

Decorative solutions



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contact@dourdin.fr



A printer in 1958, DOURDIN SA began its automotive adventure in the 70s by printing adhesive films. The 80s and 90s were marked by international SITES OUTSIDE FRANCE. In the late 1990s and early 2000s, DOURDIN SA showed a willingness to explore other technologies: Chrome-plating plastic parts, Insert Moulding/Heat-sleeving, stamping, die cutting of decorative parts, laser printing, pad printing, painting, anodising, etc.

Today, the 400 employees of the Group carry out research for providing innovative technical and logistical solutions.

Erik DOURDIN
CEO

BUSINESS ACTIVITIES

Stamping
Surface treatment
Assembly
Studies, engineering,
testing
printing
adhesive films

SITE CREATION

1958

WORKFORCE (FTE)

87

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

International - Europe and
outside Europe

SITES OUTSIDE FRANCE

Romania, Turkey, Portugal,
China, Taiwan

CLIENTS

Renault, Dacia, Volvo, PCA

DESIGN OFFICE

Integrated

TURNOVER

€15M

automotive

sector: 50 to 75%

export: 25 to 50%

MANAGER

Erik DOURDIN
CEO

DUFLOT INDUSTRIE

Nonwoven needlepunch specialist



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Dufлот Industrie designs and manufactures thermal and acoustic insulation for the automotive, rail, and aerospace sectors as well as for construction and industry. Our automotive expertise focuses on tier 1 OEMs, thermoformers of our parts, to provide noise and anti-vibration insulation. Roofs, parcel shelves and door panels are the main markets for our products for the automotive industry. Innovation is at the heart of our business: fibres from around the world are processed in our plants to provide the best acoustic and thermal performance for your applications. Our products are tailored to meet the expectations of our customers. We have ISO 9001, ISO 14001 and OEKO TEX certification.

Romain LEMAIRE
Chairman

BUSINESS ACTIVITIES
Textile

SITE CREATION
1990

WORKFORCE (FTE)
64

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
France, Italy, Great Britain,
Spain

SITES OUTSIDE FRANCE
No

CLIENTS
Autoneum, Faurecia,
Tramco

DESIGN OFFICE
No

TURNOVER
€11M
automotive sector: 10 to 25%
export: 25 to 50%

MANAGER
Romain LEMAIRE
Chairman

DUPUIS MECANIQUE

Production of precision mechanical parts for critical applications



Zone Industrielle B
rue du Président Coty
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www.dupuis-mecanique.fr
commercial@dupuis-mecanique.fr



DUPUIS MECANIQUE, a critical parts specialist, is organised to meet your needs in terms of precision engineering, and has the following advantages for your business: Recognised expertise in CNC turning, CNC-HSC milling, and EDM. An structure of technology units, focused on productivity and responsiveness. Implementation of LEAN MANUFACTURING. Management of heat and surface treatment. Customer service quality through a CAPM (Helios2) with EDI and integrated logistics. Part of a network of successful SMEs ... ISO 9001-v2008, EN 9100-v2009, IRIS-2 certification.

Patrice JUILLIEN
Chairman

BUSINESS ACTIVITIES
Machining

SITE CREATION
1973

WORKFORCE (FTE)
45

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
Not known

SITES OUTSIDE FRANCE
No

CLIENTS
Bridgestone, Cadence
Industrie, groupe PFI,
écuries de courses

DESIGN OFFICE
Integrated

TURNOVER
€3000 K
automotive sector: less than
10%

export:

MANAGER
Patrice JUILLIEN
Chairman

DURISOTTI



Specialist in structural transformation and development of light commercial vehicles



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Two hours from Paris, at the crossroads of the main European routes and near to the production units of Motor Vehicle Manufacturers, in 50 years DURISOTTI has developed the largest French industrial site for the production of light commercial vehicles for the French and overseas markets.

Today a European manufacturer-bodybuilder, developer and designer of innovative solutions for commercial vehicles, along with motor vehicle manufacturers. DURISOTTI specialises in the following product lines: Passenger Transport (Minibus, Transport for PRM -urban vehicles), Building/Environment & emergency services vehicles.

DURISOTTI is also a subcontractor for European utility vehicle manufacturers and general production lines: Transportation of goods, Corporate and Medical vehicles, Stores, Advertising, mobile offices, etc.

Jean François DURISOTTI
Chairman

BUSINESS ACTIVITIES

Manufacturer
Surface treatment
Electricity/electronics
Composites
Assembly
Moulds and tooling
Studies, engineering, testing

SITE CREATION

1956

WORKFORCE (FTE)

346

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, International

SITES OUTSIDE FRANCE

No

CLIENTS

Renault, PSA, Renault Trucks, Fiat, UGAP, Ministère de l'Intérieur, Ministère de la Défense, La Poste, DDE, Mairie de Paris, Darty, Vinci, Veolia, Keolis, Lease Plan, ALD, Fraikin

DESIGN OFFICE

Integrated

TURNOVER

€46M

automotive sector:

over 75%

export:

less than 10%

MANAGER

Jean François DURISOTTI
Chairman

DYLCO

Your partner in technical textile solutions



53 rue Pasteur
59980 BERTRY
Tel +33 (0)3 27 75 18 00
Fax +33 (0)3 27 75 18 99
www.dylco.com
commercial@dylco.fr



DYLCO, the Department of Technical Textiles of Carpentier-Preux, has over 50 years' experience of knitting in all its forms. With our integrated organisation: warping, knitting (certified ISO9001), dyeing and finishing, we can develop and perfect your functionalised textile solutions to meet your specifications.

This applies to reinforcement mesh and scrim for coating, as well as laminating, foaming and reinforcement. Our flat or hanging mesh liners, which can be treated (anti-bacterial, or M1 certified) are used in the Automotive, Aerospace, Medical, Health, Agriculture and Bedding industries.

DYLCO is able to fulfil your flexible material requirements thanks to its technical knits.

BUSINESS ACTIVITIES
Textile

SITE CREATION
1957

WORKFORCE (FTE)
30

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
France, Europe, Mediter-
ranean Basin

SITES OUTSIDE FRANCE
No

CLIENTS
Automotive suppliers:
laminators, foamers,
laminators for seats, door
panels, under the bonnet
Transformers: Coaters, die
cutters ...

DESIGN OFFICE
No

TURNOVER
€3M
automotive
sector: 25 to 50%
export: 25 to 50%

MANAGER
Arnaud DENOYELLE
Chairman



3 rue Jean Monnet
ZI Jean Monnet
59111 LIEU SAINT-AMAND
Tel +33 (0)3 27 33 87 00
Fax +33 (0)3 27 33 87 01
jean-marie.menart@eurostyle-systems.com



Eurostyle Systems Valenciennes is an automotive supplier that has been part of the French group GMD since April 2009. This company is part of the Plastics Systems division of this group (made up of 7 different divisions). The Plastic Systems Division has 9 production and development sites, primarily dedicated to the design, development and processing of interior and exterior automotive components (cabinetwork, instrument panel components, seat parts, exterior parts, assembled modules, mirrors, etc.)

Eurostyle Systems Valenciennes specialises in various technologies:

Traditional thermoplastic injection, Two-material injection, Low pressure injection moulding on textiles, ultrasonic welding, assembly of complex modules.

Eurostyle Systems Valenciennes currently supplies the following automotive clients (in Tier 1 or 2): Renault Douai for the Renault Scenic and Renault Mégane Coupé - Cabriolet vehicles; P.S.A Sevel Nord for the Citroën Jumpy, Peugeot Expert and Fiat Scudo vehicles; P.S.A Sevel Nord for the Citroën C8 and Peugeot 807 vehicles; Renault Maubeuge for the Kangoo vehicles; Faurecia Brebières for the Renault Scenic vehicles. In 2011, Eurostyle Systems Valenciennes delivered just over 12 million parts to its customers with a quality level of just 4 ppm. In 2012, Eurostyle Systems Valenciennes will consolidate its competitive positioning by launching a new door panel injection and assembly process for a new Renault vehicle.

Jean-Marie MENART
Director

BUSINESS ACTIVITIES

Injection extrusion
Assembly

SITE CREATION

1998

WORKFORCE (FTE)

171

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

Regional, France,
International - Europe

SITES OUTSIDE FRANCE

No

CLIENTS

Renault, P.S.A and other subsidiaries of the GMD group

DESIGN OFFICE

No

TURNOVER

NC

automotive sector:

over 75%

export:

less than 10%

MANAGER

Jean-Jacques FOURNEL
General Manager

ETINEO

Services et Solutions

ETINEO
Services & Solutions



ZA de la Croisette
4/6 rue Léon Droux
62300 LENS
Tel +33 (0)3 21 08 92 50
Fax +33 (0)3 21 08 92 51
www.etineo.fr
contact@etineo.fr



For over 10 years, ETINEO has been developing software and integrating the most cutting-edge technologies in order to facilitate the reliable and secure communication of built in apps, devices and objects.
Its offer is now being complemented by expertise in the field of the Internet of objects as well as in Indoor localisation.

BUSINESS ACTIVITIES
Electricity/electronics
Services

SITES OUTSIDE FRANCE
No

SITE CREATION
2004

CLIENTS

WORKFORCE (FTE)
0-10

DESIGN OFFICE
Integrated

COMPANY TIER
Tier 2 and above

TURNOVER
€1M
automotive
sector:

COMPANY
French

export: less than
10%

MARKETS
Not known

MANAGER
Thibaut PRUVOST
CEO

EUROBAUT

Expertise to meet your needs



227 TERTIA 3000
10 avenue Henri Matisse
59300 AULNOY LEZ VALENCIENNES
Tel +33 (0)3 27 09 00 90
Fax +33 (0)9 55 82 79 09
www.eurobaut.com
eurobaut@eurobaut.com



Since 1994, the company EUROBAUT has been offering its specialist services for studying robotic applications, and programming robots and industrial robots both in the design and start-up of new facilities, as well as the modification, analysis, optimisation and development of existing sites.

In the case of simple units, we can provide project management for the entire project, from the preliminary CAD study with the definition of robots and tools, to the installation of the units and the final handover via the steps described above.

Our experience of different quality control applications and robot recalibration using sensors, laser cells or vision systems can help you in your choice of preliminary or start-up techniques.

Jean-Claude TARONT
Chairman

BUSINESS ACTIVITIES

Studies, engineering,
testing
Services

SITE CREATION

1999

WORKFORCE (FTE)

4

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, Europe, Global

SITES OUTSIDE FRANCE

No

CLIENTS

Renault, PSA, Coca Cola,
Arcelor, Daimler (Vittoria
Espagne), Dacia, RVI,
Comau, Satelec, Dic
Technology, Fabricom,
Clemessy

DESIGN OFFICE

No

TURNOVER

€525 K

automotive

sector: over 75%

export: 10 to 25%

MANAGER

Jean-Claude TARONT
Chairman

FAURECIA INDUSTRIE

faurecia



chemin Noyelles
62110 HÉNIN BEAUMONT
Tel +33 (0)3 21 79 62 62
www.faurecia.com



A tier 1 equipment manufacturer whose main business is manufacturing dashboards, centre consoles and door panels. Its core business is plastic injection moulding (20 presses between 650Tn and 2100Tn) and industrial technological applications such as foaming processes, heat cladding, ultrasonic and vibration welding, milling and assembly. In addition, we have a spray paint booth and a PVC skin (slush) facility

Bruno PORTELLANO
Plant Manager

BUSINESS ACTIVITIES
Injection extrusion

SITE CREATION
1969

WORKFORCE (FTE)
430

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
France, England

SITES OUTSIDE FRANCE
No

CLIENTS
Renault, PSA, Toyota,
Faurecia

DESIGN OFFICE
No

TURNOVER
€63M
automotive sector: over 75%
export: less than 10%

MANAGER
Bruno PORTELLANO
Plant Manager

FRANÇAISE DE MÉCANIQUE

Production of engines and engine parts for motor vehicles



Parc des Industries Artois Flandres
602, Boulevard Sud
62138 DOUVRIIN
Tel +33 (0)3 21 08 22 22
www.francaisedemecanique.com
contact@francaisedemecanique.com



Française de Mécanique is a subsidiary of PSA Peugeot Citroën. Located in the heart of the mining region in northern France, FM was founded over 40 years ago, through the desire of these two manufacturers to produce engines together. 3400 employees produce almost 5000 engines daily, which are shipped to PSA and Renault terminal units in Europe, but also internationally, with parts sent to Mercosur, Russia, China and Iran. 1300 collections are also shipped to Britain daily, as part of the cooperation between PSA and BMW, for assembly of the Mini engine.

The 208, Twingo, C3, Clio, C4, 308, and 508 are some of the vehicles equipped with one of the four engine families produced at FM. Of these engines, the most powerful has 200 bhp for 1.6 litre capacity and equips, among others, the Peugeot RCZ and Citroën DS5.

The site is getting ready to launch a 3-cylinder turbocharged petrol engine for PSA in mid-2013. This project, co-funded by the European Union with the support of the Nord-Pas de Calais, by the French government and the SIZIAF, required 175 million in investment, including 120 on-site.

Patron of the Louvre Lens, FM is actively involved in local development, particularly in terms of integrating young people, and has over 200 employees in its workforce on work-based learning contracts.

Jean-Pierre PAPIN

Head of communications

BUSINESS ACTIVITIES

Machining
Assembly
Other

SITE CREATION

1969

WORKFORCE (FTE)

3,400

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

Europe, Mercosur, Russia,
Iran, China

SITES OUTSIDE FRANCE

No

CLIENTS

PSA, Renault, Citroën,
Peugeot

DESIGN OFFICE

Integrated

TURNOVER

€1500 M

automotive

sector:

over 75%

export:

10 to 25%

MANAGER

Frédéric PRZYBYLSKI
General Manager

GALLEZ INDUSTRIES

The Principle of Innovation



650 Boulevard Ouest
Parc des Industries Artois Flandres
62138 DOUVRIIN
Tel +33 (0)3 21 79 35 00
Fax +33 (0)3 21 79 35 29
www.gallez.fr
contact@gallez.fr



Parts Development, Design and Construction of Injection Tools.
General and precision engineering, special machines.
Mono and Bi-component Thermoplastic Injection.
Technical and decorative parts.
Automotive, Electronics, Agriculture, and Aerospace Industries.
Automatic overmoulding, assembly lines.

Nicolas BARTZ

Sales and Development
Manager

BUSINESS ACTIVITIES

Machining
Injection extrusion
Moulds and tooling
Studies, engineering,
testing

SITE CREATION

1945

WORKFORCE (FTE)

100

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

France, Europe, Outside
Europe

SITES OUTSIDE FRANCE

Hungary

CLIENTS

Not known

DESIGN OFFICE

Integrated

TURNOVER

€14M

automotive over 75%
sector:

export: 50 to 75%

MANAGER

Bernard GALLEZ
Chairman

GEOMNIA

Software, engineering and solutions for dimensional metrology and precision machinery



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EuraTechnologies
59000 LILLE
Tel +33 (0)3 59 05 91 23
Fax +33 (0)9 72 13 00 28
www.geomnia.eu
info@geomnia.eu



GEOMNIA is a JEI (a young innovative enterprise) established in 2009, offering specific expertise and core skills in the fields of 3D metrology, high-precision mechanical engineering, and testing and calibration of production machinery. GEOMNIA aims to address the most difficult geometric problems in the industry using a range of software and intelligent 3D measurement solutions that guarantee, regardless of the geometric complexity, maximum precision, greater efficiency and improved productivity.

Its products and services are designed for various applications such as reliable 3D inspection of production lines, testing geometric integrity and calibration of machines, adjustment and adaptation on complex parts, guidance and peripheral identification of robotic applications, and high accuracy metrology.

Its business is closely linked to the automotive industry. It began with an application, the first of its kind, based on the advanced processing of a large flow of information from a range of sensors allowing automatic, comprehensive, and very fast 3D inspection of a production line comprising several variants of alternator rotors with micrometre uncertainty. Its most recent challenge was to ensure processing for 100% reliable measurement of very small parts with sub-micrometre uncertainty for an automotive supplier.

Mohamed DAMAK
Chairman

BUSINESS ACTIVITIES

Studies, engineering,
testing
Services
software and systems for
dimensional metrology

SITE CREATION

2009

WORKFORCE (FTE)

7

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

France, Europe in pro-
gress

SITES OUTSIDE FRANCE

No

CLIENTS

Valeo, Delphi

DESIGN OFFICE

Integrated

TURNOVER

€230 K

automotive

sector:

25 to 50%

export:

less than
10%

MANAGER

Mohamed DAMAK
Chairman

GESTAMP SOFEDITP

Gestamp Sofedit, Stamping and assembly of automotive components



Sofedit SAS
ZA de la Vquerie
59231 Gouzeaucourt
Tel +33 (0)3 27 72 04 20
Fax +33 (0)3 27 72 04 29
www.gestamp.com



Sofedit Gouzeaucourt is part of the internationally established Gestamp group, a leading provider for motor vehicle manufacturers worldwide. This Spanish group, originally a family business, has become a valuable industrial partner to its customers. The core business of the Sofedit subsidiary, located in France, is the stamping and assembly of subsets for the automotive industry. The Gouzeaucourt site, with 86 employees and €20 million in turnover, is particularly well established south of Cambrai, through its proximity to many clients in the region. This manufacturing site assembles dashboard cross members and bumper beams by MIG welding and resistance welding for clients including Renault, Toyota, PSA and Visteon. The dashboard cross member is a speciality of the Gouzeaucourt site and is an important element in a vehicle as its role is to support the dashboard and integrate numerous functions such as the steering column, driver and passenger airbags, and the wiring harness.

Gestamp Sofedit Gouzeaucourt is preparing the integration of a new technology: hot stamping. This process allows the stamping of parts with higher mechanical properties than traditional stamping, an important concept for manufacturers when taking crash tests, but also with a lower weight, essential for making lighter vehicles and thus reducing CO2 emissions.

BUSINESS ACTIVITIES
Stamping
Assembly

SITE CREATION
1997

WORKFORCE (FTE)
Not known

COMPANY TIER
Tier 1

COMPANY
Spanish

MARKETS
Regional

SITES OUTSIDE FRANCE
global

CLIENTS
Renault, PSA, Toyota,
Visteon

DESIGN OFFICE
No

TURNOVER
€20K
automotive sector: over 75%
export: less than 10%

MANAGER
Olivier GLORIEUX
Plant Manager

Olivier GLORIEUX
Plant Manager

GIA EASYCLIP



20^e avenue Kennedy
59610 FOURMIES
Tel +33 (0)3 27 60 36 79
Fax +33 (0)3 27 60 19 18
www.gia.fr
gia@gia.fr



With a 50-year presence on its markets, GIA is the No. 1 manufacturer of seat covers for vehicle manufacturers in the automotive, heavy transport, agricultural machinery and construction machinery sectors, both for accessories and special series. Mats and seat accessories complete the range for dressing vehicle interiors and cabs.

We design and manufacture our products in France and Romania. In line with manufacturing standards, our products are designed and tested under conditions that ensure their high quality. Our textile design office and our partners in the fields of plastics and electronics enable us to fulfil requests for complex product development. Our two factories, one of which is the Fourmies plant, are both specialised in small series production.

An extranet site allows us to stay in touch with sales outlets and provide an additional service to that of our customers.

The quality of our services, from product development to after-sales, and the marketing campaigns that we carry out in distribution networks with our clients have allowed us to become the exclusive supplier for many of them.

Thierry LLUDRIGUEZ
Manager

BUSINESS ACTIVITIES
Textile

SITE CREATION
1977

WORKFORCE (FTE)
36

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Renault, Nissan, Dacia,
PSA, Volvo Trucks, Case
New-Holland, GM Europe,
Iveco

DESIGN OFFICE
No

TURNOVER
€3.2 M
automotive sector: over 75%
export: 10 to 25%

MANAGER
Thierry LLUDRIGUEZ
Manager

GRUPO ANTOLIN CAMBRAI

Creating vehicle interiors.



Actipôle de l'A2
BP 55
59554 RAILLENCOURT SAINTE OLLE
Tel +33 (0)3 27 70 79 00
Fax +33 (0)3 27 70 79 79
www.grupoantolin.com



Part of a Spanish Multinational, located in 25 countries and in 56th place in the world's most recognised Automotive Suppliers, Grupo Antolin Cambrai specialises in the manufacture of cabinets and door panels. Our site, established in 2002, now employs 300 staff.

BUSINESS ACTIVITIES
Injection

SITES OUTSIDE FRANCE
No

SITE CREATION
2002

CLIENTS
PSA, Renault Tata

WORKFORCE (FTE)
276

DESIGN OFFICE
No

COMPANY TIER
Tier 1, 2 and above

TURNOVER
€53M
automotive sector: over 75%
export: less than 10%

COMPANY
Not known

MARKETS
France, Europe

MANAGER
Stéphane RIGAUD
Plant Manager

GRUPO ANTOLIN IGA

Creating vehicle interiors



734 boulevard Ferdinand de Lesseps
62110 HÉNIN BEAUMONT
Tel +33 (0)3 21 74 78 80
Fax +33 (0)3 21 20 35 61
www.grupoantolin.com
stephane.rigaud@grupoantolin.com



IGA Hénin Beaumont has been an independent entity of the Antolin group since 1990 and is located in the heart of the European automotive market. IGA's efficient workforce specialises in "roof lining" and, since 2010, in "cloaking" for PSA. IGA generates more than 70% of its turnover with international manufacturers such as Ford, Nissan, Opel, etc. with a production rate of more than 9000 roofs per day. Since innovation is an important element of our business, IGA is currently developing a brand new roof lighting concept for a future PSA project and was also selected by RSA to mass-produce roofs for the future Renault ZOE (100% electric vehicle).

Stéphane RIGAUD
General Manager

BUSINESS ACTIVITIES
Thermoforming/foaming

SITES OUTSIDE FRANCE
See website

SITE CREATION
1985

CLIENTS
Ford, Nissan, PSA, Opel, RSA

WORKFORCE (FTE)
302

DESIGN OFFICE
No

COMPANY TIER
Tier 1

TURNOVER
€55M
automotive

COMPANY
Spanish

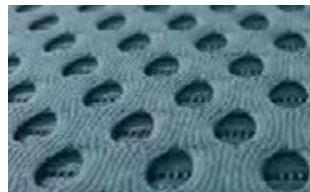
sector: over 75%
export: 50 to 75%

MARKETS
International

MANAGER
Stephane RIGAUD
General Manager

GUILFORD FRANCE

Textile Performance



14 rue la Sotiere
59980 TROISVILLES
Tel +33 (0)3 27 76 50 61
Fax +33 (0)3 27 85 00 33
www.guilfordproducts.com
jycrombez@eu.gfd.com



The Guilford France company is based in Troisvilles (59) near Cambrai. Our manufacturing speciality is interlock textile production for the automotive market. Our team of designers and R&D engineers ensure that our fabrics correspond to the desired design but also that they meet cost objectives. We work on seat and ceiling fabrics for vehicle interiors. We offer a variety of textile finishes with a focus on design - sanding, brushing, etching, printing, embossing, using the latest technology to meet our clients' needs and also to maintain flexibility in the design of new products.

The Guilford Group works on advanced methods such as: Lean, Six Sigma, continuous improvement, and more.

Guilford associates are dedicated to excellence and continuous product innovation.

Jean-Yves CROMBEZ
Technical Manager

BUSINESS ACTIVITIES
Textile

SITE CREATION
2006

WORKFORCE (FTE)
50

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
International

SITES OUTSIDE FRANCE
USA, United Kingdom,
Spain

CLIENTS
Faurecia, Tramico

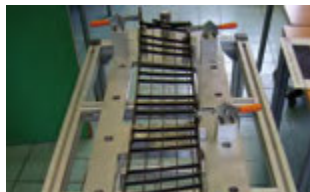
DESIGN OFFICE
No

TURNOVER
€3727 K
automotive sector: over 75%
export: 25 to 50%

MANAGER
Robert HOOPER
Plant Manager

HUYGHE MODELAGE

Machining in all its forms



Zone Portuaire
Espace Entreprises
1ère avenue
59118 WAMBRECHIES
Tel +33 (0)3 20 78 73 31
Fax +33 (0)3 20 78 77 64
vincent.huyghe@wanadoo.fr



For 30 years now, HUYGHE MODELAGE has been an expert in modelling techniques. Its recent equipment, its design office, and its conventional modelling are its key assets.

HUYGHE MODELAGE is responsive and attentive to its customers by providing short lead times in many areas such as thermoforming, compression moulding, polyester, car fittings, etc.

The experience acquired by HUYGHE MODELAGE in the "moulds and models" sector means the company has all the experience required to ensure the success of your projects.

Maxence Vandenberghe
Plant manager

BUSINESS ACTIVITIES

Machining
Moulds and tooling

SITE CREATION

1982

WORKFORCE (FTE)

10

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

Benelux

SITES OUTSIDE FRANCE

No

CLIENTS

Not known

DESIGN OFFICE

Integrated

TURNOVER

€1300 K

automotive

sector: 50 to 75%

export: 25 to 50%

MANAGER

Maxence VANDENBERGHE
Plant manager



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Fax +33 (0)3 20 47 47 16
www.ifth.org
lille@ifth.org



IFTH specialises in supporting the Textile-Apparel division and users of textile solutions, offering a range of solutions for developing their innovations with industrial partners across various market segments, including the automotive industry. The business activities of the Centre Technique Industriel (Industrial Technical Centre) cover all specialist areas of textile engineering, not forgetting knowledge of markets, technologies and patents thanks to our strategic intelligence service. IFTH has developed a network of technology platforms for implementing product solutions in areas as diverse as: non-woven engineering, knitted fabric engineering, finishing engineering, P2F - Technology platform for spinning, Consumer Health and Safety, tools assisting design/creation and product marketing. We qualify textile products with regard to the expected properties, specifications, and the regulation and certification in force, with our recognised PSA and Renault laboratories. We also assist industrial groups with innovation and Textile engineering through our Training activity. The strong involvement of the Institute in collaborative research projects, supported by competitive clusters, contributes not only to supporting the companies in these networks but also encourages the transfer of research upstream to companies. The CENT (European Nonwoven Research Centre) managed by IFTH, carries out projects closely related to the automotive industry (fire barriers, acoustic insulation using recycled and natural materials, filters, etc.).

Denis DEGUILLEMONT
Regional Manager

BUSINESS ACTIVITIES

Textile
Studies, engineering,
tests
Services

SITE CREATION

2012

WORKFORCE (FTE)

45

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, Europe

SITES OUTSIDE FRANCE

CLIENTS

DESIGN OFFICE

Integrated

TURNOVER

automotive sector: 10 to 25%
export: less than 10%

MANAGER

Denis DEGUILLEMONT
Regional Manager

ITD

At the service of OEMs, 24/7



Z.I. Est
Bd. Jacques Dewavrin
62260 AUCHEL
Tel +33 (0)3 21 57 70 00
Fax +33 (0)3 21 57 54 04
www.itdlogistics.com
qualite@itdlogistics.com



ITD was established in 1993 to provide Transport & Logistics Solutions to OEMs in the Nord-Pas de Calais region.

Located at the crossroads of several ports and capitals, near the Channel Tunnel and Belgium, and close to the A26.

Our products, ranging from the 20 M3 to the Semi-Trailer, are available to industry clients for meeting normal deadlines and emergencies.

Four platforms are used to provide rack or mass storage services, with 25,000 sqm covered and 10,000 sqm outdoor storage area.

ITD: industrial purchasing, round trip, milk run, car rental and driver, co-packing, storage, picking, quality control, etc.

BUSINESS ACTIVITIES
Services

SITE CREATION
1993

WORKFORCE (FTE)
60

COMPANY TIER
Manufacturer,
Tier 1, 2, and 3

COMPANY
French

MARKETS
Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Grupo antolin, Faurecia,
AQP, Mecaplast, Thiem

DESIGN OFFICE
No

TURNOVER
€10M
automotive sector: 50 to 75%
export: 10 to 25%

MANAGER
Smaïn DJEBLI
General Manager

KNAUF INDUSTRIES NORD

Alveolar foam specialists



30 Rue Jean Moulin
DAINVILLE
62000 ARRAS
Tel +33 (0)3 21 51 93 81
Fax +33 (0)3 21 71 12 72
www.knauf-industries.com
fabrice.dethorey@knauf.fr



With a presence in the automotive market since 1994, we offer our partners, suppliers and manufacturers a wide variety of solutions.

In accordance with quality and safety requirements imposed by the market, all our products are designed and developed by a team of dedicated experts.

Providing technical, economic and innovative solutions for our clients' manufacturing plants, across borders, is part of our daily challenge.

An expert in alveolar moulding (expanded polystyrene, expanded polypropylene) and Lost foam casting processes (lost model), we guarantee our customers reliable, efficient and reproducible products.

The variety of materials processed allows the manufacturing of many products with various applications.

Our objective: to consolidate and boost our presence with European and international manufacturers by diversifying our activities, both in terms of materials and models.

Nicolas TROLET
Plant Manager

BUSINESS ACTIVITIES

Injection extrusion
Thermoforming/foaming
Custom die cutting of
expanded polystyrene
Moulding alveolar foam

SITE CREATION

1971

WORKFORCE (FTE)

62

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, Belgium, England

SITES OUTSIDE FRANCE

Brazil, Hungary, Spain,
Italy, Poland, Morocco,
Russia

CLIENTS

Whirlpool, PSA,
TECUMSEH, Faurecia,
RSA, Noiroit

DESIGN OFFICE

Integrated

TURNOVER

€15M

automotive

sector:

25 to 50%

export:

less than
10%

MANAGER

Nicolas Nicolas
Plant Manager

LAINE -THIEBAULT

Engineering and machining large boilers of up to 12 tons



5 rue de la gare
59990 CURGIES
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Fax +33 (0)3 27 36 06 05
www.laine-thiebault.com
alain.cappoen@laine-thiebault.fr



Laine Thiébaut is located in Curgies near Valenciennes with a production site covering over 9000 sqm.

Today our core business involves:

all welded structures, with stabilisation and painting options, and small and large-scale NC machining. (maximum weight 12 tons)

We operate in the following sectors:

- The rail industry, at more than 20% (construction of rotation and hydraulic welding models for rail car frame-jigs, assembly systems for train cars, engineering and installation of various tools)

Wind energy: machining cast iron hubs of more than 12 tons and mounting subsets

- Power transmission (manufacturing welded and machined housings - machining of cast iron housings)

- Smelting: machining of all graded parts: iron, steel, stainless steel, aluminium

- Heavy industry: welded construction, chassis, special projects, etc.

- Handling / hoisting-vacuum lifting equipment for keystones.

- Automotive: press equipment, assembly tools, prototyping templates, models, etc.

- Manufacturing special machinery

Alain CAPPOEN
Commercial Manager.

BUSINESS ACTIVITIES

Manufacturer, Machining

Assembly

Moulds and tooling

Capital goods

Boilerwork, milling, boring,

large scale mechanical

assembly

SITE CREATION

1968

WORKFORCE (FTE)

30

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, Belgium

SITES OUTSIDE FRANCE

Belgium

CLIENTS

Toyota, Alstom,
Bombardier RATP, MCA,
Renault

DESIGN OFFICE

No

TURNOVER

€2M

automotive
sector:

less than
10%

export:

less than
10%

MANAGER

Vincent STRAGAPEDE
CEO



rue Francisco Ferrer
ZI Belleforiere
59286 ROOST WARENDIN
Tel +33 (0)3 27 99 12 20
Fax +33 (0)3 27 99 12 21
www.lecqindustrie.com
didier.delval@lecqindustrie.com



With 90 years' experience in the field of mechanical engineering (established in 1921), LECQ has the skills and expertise to assist you with handling systems for installing workstations. LECQ EQUIPEMENT "supplies and integrates Operator Assistance solutions".

A manipulator is a handling device developed for applications involving heavy or awkward loads, high speeds, or difficult movements and positions.

We study and offer solutions, with systems tailored to your needs: rigid pneumatic systems: Cartesian and Pantograph manipulators, reel manipulators (stem, hoist, electrical and pneumatic equalising devices), mobile manipulators, special machines for workstation layout, accessories, systems integration and equipment (scissor lifts, motorised carts, hydropower unit, pneumatic cylinder, mobile manipulators, etc.)

LECQ EQUIPEMENT SAS responds to various objectives: improvement of working conditions, workstation security, no part deterioration, streamlining, use of Operator Assistance.

Patrick ROBERT
Chairman

BUSINESS ACTIVITIES

Manufacturer
Studies, engineering,
testing

SITE CREATION

1921

WORKFORCE (FTE)

38

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France, Europe, Morocco

SITES OUTSIDE FRANCE

No

CLIENTS

Renault, PSA, Euraltech,
Compin, Faurecia, Ineo,
Toyota, Smart, Comau,
Segula, SNCF, Alstom,
Gunnebo, Valeo, Arcelor,
Vallourec, Bridgeston,
Aluminium Pechiney, SMS

DESIGN OFFICE

Integrated

TURNOVER

€4.9 M

automotive

sector: 10 to 25%

export: 10 to 25%

MANAGER

Patrick ROBERT
Chairman

Efficient training solutions dedicated to the automotive industry



44 rue Blaise Pascal
93600 AULNAY SOUS BOIS
Tel +33 (0)1 48 79 53 23
Fax +33 (0)1 48 66 25 49
www.lenze.fr
godart.jean-paul@lenze.fr



Lenze provides reliable, efficient and economical training solutions for machine manufacturers worldwide, with commercial, industrial and logistics sites on all continents, as close as possible to our customers. Over the past ten years, this proactive strategy has also helped us to build strong partnerships with end customers using our products through OEMs, and to become the preferred, and often only, supplier of major Automotive groups. These contracts are based on the proven reliability of our products and solutions, with competitive design in terms of product applications (conveyors, EMS, welding, positioning, rolling benches), and start-up facilitated by our software package and the support of our specially trained teams. Choosing technology such as IP20 inverters or inverter drives such as PROTEC 8400 have enabled our partners to significantly reduce their stock requirements, to drastically limit diagnosis and troubleshooting times and to ensure their production lines even higher availability, all in a context of energy savings and performance efficiency based on the experience of our technical and sales teams around the world.

BUSINESS ACTIVITIES

Manufacturer
Electricity/electronics
Assembly
Capital goods

SITE CREATION

Not known

WORKFORCE (FTE)

26

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

Global

SITES OUTSIDE FRANCE

Global

CLIENTS

Mercedes, Audi, BMW, VW,
Renault

DESIGN OFFICE

Integrated

TURNOVER

€16M

automotive

sector:

less than
10%

export:

less than
10%

MANAGER

Francis KOPP
Plant manager

LEO FRANCOIS ET CIE

Die cutting, stamping, and welding assembly of technical parts for all industries



2 place Culine
59610 FOURMIES
Tel +33 (0)3 27 60 11 33
Fax +33 (0)3 27 57 33 32
www.leo-francois.fr
leo-francois@leo-francois.fr



LEO FRANCOIS, an SAS (simplified joint stock company) with a capital of €329,400, was established in 1947. The factory is located in Fourmies (Northern France) and occupies a floor area of 10,000 sqm, including 280 sqm of offices. The workforce consists of around 80 people.

Its core business activities are die cutting and stamping of all metals (steel, stainless steel, aluminium) with a thickness of between 0.5 and 12 mm, as well as welding assembly and tube bending. Production is carried out in medium and large series and represents around 15,000 tons of processed metals per year.

LEO FRANCOIS works with all industry sectors: construction, agricultural equipment, material handling and public works equipment, office equipment, electrical equipment, heavy transport, household appliances and gardening equipment

Matthieu VANDERPERRE
Sales Manager

BUSINESS ACTIVITIES

Stamping
Welding and bending

SITE CREATION

1947

WORKFORCE (FTE)

80

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

International, Europe,

SITES OUTSIDE FRANCE

No

CLIENTS

Tier 1 suppliers

DESIGN OFFICE

Integrated

TURNOVER

€16M

automotive
sector:

less than
10%

export:

25 to 50%

MANAGER

Andre VANDERPERRE
CEO



6 rue Courtois
59000 LILLE
Tel +33 (0)320 29 91 40
Fax +33 (0)3 20 29 91 49
www.lmo-france.com
info.lille@lmo-france.com



For over 30 years, we have been specialising in the sale, installation and presentation of equipment for machining by chip removal, EDM and grinding, capable of providing solutions for the production of parts ranging from a few grams to several tons. We distribute a wide variety of machines representative of our range:

- BIGLIA, CNC lathes with 2 to 11 axes
- FAT, flat bed and slant bed lathes
- HEDELIUS, vertical travelling column-style machining centres
- KIHUENG, fixed bed milling machine
- Matsuura, vertical, horizontal and 5-axis machining centres
- PROTH, surface grinders
- SKODA, XXL boring and milling machinery
- TECHMILL, soft materials machining
- VISION WIDE, gantry-type machining centres, 3, 4 and 5 axis
- YCM, vertical machining centres and horizontal lathes
- YSP, vertical lathes

Antoine DELEPORTE
General Manager

BUSINESS ACTIVITIES

Machining
Moulds and tooling
Capital goods

SITE CREATION

1981

WORKFORCE (FTE)

20

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

France

SITES OUTSIDE FRANCE

No

CLIENTS

Peugeot, Renault, Valeo,
Francaise De Mecanique

DESIGN OFFICE

No

TURNOVER

€10 K

automotive
sector:

less than
10%

export:

less than
10%

MANAGER

Antoine DELEPORTE
General Manager

LOBEL

Precision engineering



ZI rue Pierre Jacquart
62440 HARNES
Tel +33 (0)3 21 13 57 77
Fax +33 (0)3 21 28 00 59
www.lobel.fr
lobel.sas@lobel.fr



LOBEL is located in Harnes, between Lens and Carvin. The company currently has approximately 25 employees for annual sales of around 2 million euros. The company is specialised in precision and high-precision engineering. (+ / - 2 microns) The parts produced are, for example, tooling, wear parts, complete assemblies, and testing systems. The company is certified ISO 9001 and ISO 14001, and its quality is renowned in the region.

Jerôme LOBEL
General Manager

BUSINESS ACTIVITIES
Machining
Surface treatment

SITE CREATION
1955

WORKFORCE (FTE)
25

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
France

SITES OUTSIDE FRANCE
No

CLIENTS
Peugeot, Renault, Toyota

DESIGN OFFICE
No

TURNOVER
€2M
automotive sector: 25 to 50%
export: less than 10%

MANAGER
David LOBEL
Chairman

MÄDER

Paint and highly technical composites



rue des champs
62161 MAROEUIL
Tel +33 (0)3 20 12 79 50
www.mader-group.com
contact@mader-group.com



The Mäder Group is the European leader for industrial paint and technical composite solutions. A world leader in the railway industry, the Mäder group is also a major player in the field of paint for automotive plastics and works in high technology fields such as aeronautics and wind turbines.

The group has 16 factories across Europe and worldwide, and 16 laboratories including a centre for basic research. The Mäder group spends 10% of its turnover annually on developing new product and process solutions.

In the automotive sector, the Mäder group has developed paint technology suitable for all types of plastic substrates used in this field. It also has an integrated colour design centre that offers collections of trends for manufacturers and suppliers.

The combination of technical excellence and colour creativity has enabled the Mäder group to develop partnerships with many manufacturers and to participate very regularly in designing Show cars. The Mäder Group has thus established itself with style centres in France, as well as in Germany, Italy and outside Europe.

Christian AMORIN
Business Unit Director
Automotive plastics

BUSINESS ACTIVITIES

Composites
Paint

SITE CREATION

Not known

WORKFORCE (FTE)

250

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

Europe, Asia, America

SITES OUTSIDE FRANCE

China, India, Germany,
Italy, Switzerland, Austria,
Spain

CLIENTS

Faurecia, Visteon, PVL
Bourbon, Mecaplast,
Autoliv, Maier, TRW

DESIGN OFFICE

Integrated

TURNOVER

€40M

**automotive
sector:**

10 to 25%

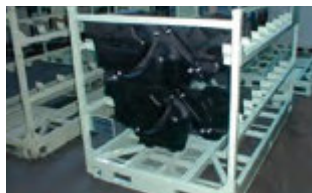
export:

10 to 25%

MANAGER

Antonio MOLINA
Chairman

MANUBOB INDUSTRIE



246 rue de Lys
59250 HALLUIN
Tel +33 (0)3 20 28 10 10
Fax +33 (0)3 20 28 10 19
www.manubob-industrie.fr
cwallart@manubob-industrie.fr



Developer of solutions, manufacturer and integrator, Manubob-Industrie specialises in the design and manufacture of packaging and special packaging for: Automotive manufacturers and suppliers, the rail industry, aerospace manufacturers and distributors of capital goods, logistics companies.

We follow a cycle of product development, from design to manufacturing. We remain attentive to our customers throughout our process. Our projects usually start with an initial analysis stage for coming up with the solution most suited to the customer's needs, before moving on to validating plans, prototype equipment, and pre-series and series stages.

This approach allows us to remain flexible and in line with the expectations of our customers.

Christophe WALLART
Operations Manager

BUSINESS ACTIVITIES
Capital goods

SITE CREATION
1965

WORKFORCE (FTE)
15

COMPANY TIER
Tier 1, 2 and above

COMPANY
French

MARKETS
France, Belgium

SITES OUTSIDE FRANCE
Poland

CLIENTS
TMMF, Faurecia,
Inergy Automotive,
TI Automotive, SY
Automotive

DESIGN OFFICE
Integrated

TURNOVER
€2.2 M
automotive sector: 25 to 50%
export: less than 10%

MANAGER
Christophe WALLART
Operations Manager

MARSY TRANSPORT-LOGISTICS

Organising the transport of packaged goods for all industry in European, logistics specialist



Parc des Industries Artois Flandres D
BP 40723
62092 HAINES cedex
Tel +33 (0)3 21 40 29 29
Fax +33 (0)3 21 40 80 80
www.marsy.eu
marsy@marsy.fr



Founded in 1974 in the heart of the Nord-Pas de Calais, MARSY Transport-Logistics organises more than 200 full trips every day transporting packaged goods from pallet to truck for all European Industry.

Our expertise and network make Marsy a key player in the management of complex supply chains, with ISO9001 Certification and an Authorised Economic Operator.

We provide the design and implementation of optimised logistics solutions to major international OEMs on a daily basis.

Our experience and expertise in the automotive sector makes Marsy a major player in this field. MARSY is keenly aware of the importance of deadlines and the safe arrival of goods. MARSY knows how to be a driving force in organising trips (milk-run), and routes with platforms for bulk transport.

Our ability to track each of our orders, our sense of service, our ability to innovate and our business expertise are the hallmarks of our company.

Frédéric MARSY
General Manager

BUSINESS ACTIVITIES

Services
Transport
Logistics

SITE CREATION

1974

WORKFORCE (FTE)

25

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

Europe

SITES OUTSIDE FRANCE

No

CLIENTS

Michelin, Toyota Tsusho,
Française de Mécanique,
Magna, Cargill, Roquette,
Bombardier

DESIGN OFFICE

Integrated

TURNOVER

Not known

**automotive
sector:**

25 to 50%

export:

50 to 75%

MANAGER

Frédéric MARSY
General Manager

MAYR FRANCE

Power transmission specialist



ZAL du Minopole
rue Nungesser Et Coli
62160 BULLY LES MINES
Tel +33 (0)3 21 72 91 91
Fax +33 (0)3 21 29 71 77
www.mayr.fr
contact@mayr.fr



MAYR specialises in power transmission. The company works with all industry sectors, and is at the forefront of the torque limiter sector, as well as being very active in the field of safety brakes, electromechanical clutches and couplings. Mayr also works with many companies in the automotive industry by offering protection systems (torque limiters, safety brakes) and transmission solutions (backlash-free couplings, clutches).

BUSINESS ACTIVITIES
Capital goods

SITES OUTSIDE FRANCE
Global

SITE CREATION
1987

CLIENTS
Not known

WORKFORCE (FTE)
17

DESIGN OFFICE
Integrated

COMPANY TIER
Tier 2 and above

TURNOVER
€5M
automotive

COMPANY
German

sector: less than
10%

MARKETS
France, Belgium

export: less than
10%

MANAGER
Dominique RENAUD
General Manager

MCA

Maubeuge Construction Automobile - Manufacturer of Kangoo and Kangoo ZE



BP 20050
59604 MAUBEUGE cedex
Tel +33 (0)1 76 89 54 55



Created by Usines Chausson Corporation, the Maubeuge plant became a subsidiary of Renault in 1978 and was named MCA. In 1993, the Group decided on the exclusive industrialisation of the Renault Kangoo on this site.

The strength of MCA is characterised by the diversity of its manufacturing, of utility and family vehicles, and the way it adapts to its customers.

With a workforce of over 2000 people, MCA is a major player in terms of employment in the region (60% of employees live in the Maubeuge Val-de-Sambre area) and continually demonstrates its involvement in the region's economy.

The Maubeuge site is steadily increasing its overall performance and is adaptable to manufacturing new models: Renault Kangoo ZE, the 1st zero emission next generation electric vehicle, as well as, in 2012, the Mercedes Citan for Daimler.

This performance is the result of ever-more extensive work with engineering, for the preparation of future vehicles, and with the commercial network, for sales and services to our customers.

BUSINESS ACTIVITIES
Manufacturer

SITE CREATION
1969

WORKFORCE (FTE)
2000

COMPANY TIER
Manufacturer

COMPANY
NC

MARKETS
International

SITES OUTSIDE FRANCE
No

CLIENTS
Renault

DESIGN OFFICE
integrated

TURNOVER
NC
automotive sector: Not known
export: Not known

MANAGER
José MARTIN-VEGA
General Manager

MDM

Modelage Dubois Maubeuge



24 Rue Pierre de Coubertin
59600 MAUBEUGE
Tel +33 (0)3 27 64 83 89
Fax +33 (0)3 27 64 47 27
www.mdm-modelage.com
mdm-admin@mdm-modelage.com



Modelage Dubois Maubeuge specialises in the study (CATIA V5 software) and implementation (Milling and CNC lathes, EDM, 4 and 5 axis milling machinery, etc.) of testing tools. MDM is also offers expertise on the creation of mechanical parts as units or in small batches.

We are ISO 9001-2008 certified and have premises equipped with two 3D Stiefelmayer Machines with METROLOG XG software.

Pierre-Marie NICOLAS
Director

BUSINESS ACTIVITIES

Machining
Studies, engineering,
testing
3D control

SITE CREATION

1964

WORKFORCE (FTE)

18

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

France, Europe

SITES OUTSIDE FRANCE

No

CLIENTS

GAE, AGC, Sekurit,
Visteon, Faurecia

DESIGN OFFICE

Integrated

TURNOVER

€1300 K

automotive

sector: 50 to 75%

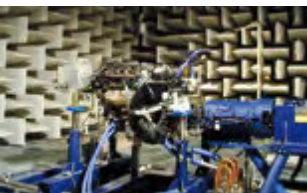
export: 10 to 25%

MANAGER

Moey VANDENBERGHE
General Manager

MECAPLAST

An important and innovative specialist in plastic engine parts



Parc d'Activités de la Croisette
rue des Poissonniers
62300 LENS
Tel +33 (0)3 21 74 83 83
Fax +33 (0)3 21 67 02 00
jsable@mecaplast.com



Mecaplast is a major international automotive supplier that operates on engine and body parts. Our presence in the NPDC region is both historical and strategic with a global Motor Technical Centre based in Lens and 3 production sites located in Lens, Libercourt and Villers Bretonneux. Relying on strong technical expertise, experienced staff and "High Tech" resources (calculation, engine and acoustic test benches), Mecaplast develops air intake and distribution lines, valve covers and housing as well as many products for liquid conveyance. In a market that is undergoing considerable change, in which engines are being challenged both in terms of their performance and pollutants, Mecaplast must be innovative, and open to outside influence by working in close collaboration with stakeholders in the region.

Vincent MAINTIER

Manager of the engine technology center

BUSINESS ACTIVITIES

Injection extrusion
Studies, engineering,
testing

SITE CREATION

1992

WORKFORCE (FTE)

150

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

Europe, International

SITES OUTSIDE FRANCE

Germany, Italy, Spain,
China, India, Mexico, Brazil,
USA, Japan

CLIENTS

PSA, RAS, GM, Fiat, BMW,
Toyota, Chrysler, Daimler,
VW

DESIGN OFFICE

Integrated

TURNOVER

€161M

automotive

sector: over 75%

export: 25 to 50%

MANAGER

Luc DORNIER
Head of the engine
expertise center

MECAJET

Mechanical engineering



10 rue Lambert
59191 LIGNY EN CAMBRESIS
Tel +33 (0)3 27 76 55 00
Fax +33 (0)3 27 76 55 01
www.sa-mecajet.fr
xavier.jette@sa-mecajet.fr



I) Mechanical Engineering, engineering, studies, calculations for special machinery, new constructions, machining with a travel of up to 7 metres, welding according to standard 15 085 class 38/34, pressure vessels, comprehensive systems, on-site installation.

II) Development of an electric vehicle for industry to address the issues of managing parking surveillance and crowd control, protest rallies, etc.

François-Xavier JETTE
CEO

BUSINESS ACTIVITIES

Machining
Assembly
Capital goods
Studies, engineering,
testing
Services

SITE CREATION

1924

WORKFORCE (FTE)

40

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

France, Belgium

SITES OUTSIDE FRANCE

No

CLIENTS

Alstom, Bombardier
Transport, Arcelormittal,
SNCF, Eurotunnel

DESIGN OFFICE

Integrated

TURNOVER

€3.5 M

automotive

sector: less than
10%

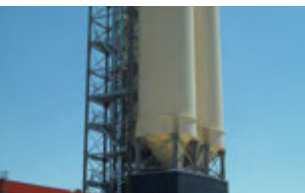
export: 10 to 25%

MANAGER

François-Xavier JETTE
CEO

NEU INTERNATIONAL PROCESS

Transport of sand for automotive foundries



70 rue du Collège
BP 25024
59700 MARCQ EN BAROEUL
Tel +33 (0)3 20 45 65 43
Fax +33 (0)3 20 45 65 42
www.neu-process.com
fmorival@neu-process.com



Located in Marcq en Baroeul, NEU International Process has a solid reputation and internationally renowned profile in the field of processing powders and grains, with 100 years of experience in this field.

From design to completion, we take responsibility for your project, from the initial feasibility studies, to engineering and start-up. This applies to all projects involving pneumatic conveying systems (dilute phase, very low velocity dense phase, suction, blowing), as well as all basic production operations like storage and retrieval silo technology, big bags, dosing, weighing, mixing, sieving, grinding, and more. For automotive smelters, our expertise ranges from the transport of fine powders to grain products and inhomogeneous particle size distribution, or the transport of hot, abrasive, fragile, corrosive products in the low velocity dense phase, in the continuous dense phase, the dilute or very dilute phase, with extraction of difficult products with flow problems in silos and bunkers.

Jean-Louis DEFRANCE
CEO

BUSINESS ACTIVITIES
Smelting

SITE CREATION
Since early 20th century

WORKFORCE (FTE)
42

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
France

SITES OUTSIDE FRANCE
No

CLIENTS
Total Petrochemicals,
Nestlé, Danone

DESIGN OFFICE
Integrated

TURNOVER
€12M

automotive sector: less than 10%

export: 50 to 75%

MANAGER
Jean-Louis DEFRANCE
CEO



ZI n°2 - Batterie 500
59309 VALENCIENNES CEDEX
Tel +33 (0)3 27 21 17 17
Fax +33 (0)3 27 21 05 50
www.nrf.eu
contact@nrf.fr



Development, production and distribution of cooling systems.

Founded in 1927, the company NRF is a leading manufacturer of radiators, beams, air coolers, oil coolers, Boxcoolers and air conditioning equipment. But NRF is much more than just a manufacturer. In fact, NRF develops and manufactures advanced systems for heat transfer. NRF products are used in many different areas of the world. Among NRF's regular customers are leading motor vehicle manufacturers, industrial companies, shipyards and of course, after-sales services. Our products are integrated into the most varied applications. Choosing NRF is choosing quality and service.

Production and development in Europe

The NRF production units and distribution centres are strategically distributed across the whole of Western Europe. With a stock of over 5000 items intended for after-sales, NRF is able to satisfy all your delivery needs in the shortest possible time frame and with total professionalism. Even if your request is for a custom product, NRF can provide a solution. Our variety of testing and engineering equipment ensures that your cooling system meets even the most stringent of requirements.

Hervé MARCHAND
Director

BUSINESS ACTIVITIES

automotive engine
cooling and air
conditioning suppliers

SITE CREATION

2001

WORKFORCE (FTE)

25

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

Europe, outside Europe

SITES OUTSIDE FRANCE

Europe

CLIENTS

Independent aftermarket

DESIGN OFFICE

No

TURNOVER

€10M

automotive

sector: over 75%

export: less than
10%

MANAGER

Hervé MARCHAND
Director

OGURA SAS

Manufacturing clutches for vehicle air conditioning



Parc d'activités
de la vallée de l'Escaut - BP 61
59264 ONNAING
Tel +33 (0)3 27 28 56 00
Fax +33 (0)3 27 28 56 01
www.ogura-sas.fr
contact@ogura-sas.fr



Located in the Scheldt valley business park, in Onnaing, near Valenciennes, the Ogura SAS plant manufactures clutches for vehicle air conditioning systems. As well as manufacturing clutches, we import and distribute across Europe the full range of products from our parent company, the Japanese company Ogura Clutch Co. Ltd. We also have an engineering centre for the design and specific adaptation of new products.

BUSINESS ACTIVITIES
Machining

SITES OUTSIDE FRANCE
Not known

SITE CREATION
Not known

CLIENTS
Not known

WORKFORCE (FTE)
60

DESIGN OFFICE
integrated

COMPANY TIER
Tier 2 and above

TURNOVER
Not known
automotive sector: over 75%
export: over 75%

COMPANY
French

MARKETS
Europe

MANAGER
Sasaki Sumio
General Manager

ONDULYS EMBALLAGE

"The automotive spirit", creating packaging and services solutions



1 rue Charles St Venant
59100 LOMME
www.ondulys.com
fsanz@numericable.fr



Historically a family business, our group aims to be as close as possible to the aspirations of our clients. Our solutions are based on human relationships built on mutual esteem and respect.

Our position as leader on the corrugated cardboard market in the north of France, our presence in Europe, and our active role in the paper and cardboard industry make us a strong, comprehensive, available, creative, and responsive partner for your business. Your trust is an encouragement to our entire team, and we will do everything we can to be worthy of it.

With 25 years of experience in the automotive sector, our aim is to: be a benchmark in our industry through our reliability, our capacity to innovate and our competitiveness, to be familiar with the environment of the "AUTO" industry and its challenges in order to adapt quickly to changes.

Frédéric SANZ
Sales representative

BUSINESS ACTIVITIES
Packaging and services

SITE CREATION
1919

WORKFORCE (FTE)
1,000

COMPANY TIER
Tier 2 and above

COMPANY
Belgian

MARKETS
Europe

SITES OUTSIDE FRANCE
United Kingdom

CLIENTS
Toyota, Renault, Peugeot,
OEMs

DESIGN OFFICE
Integrated

TURNOVER
€200M
automotive sector: 25 to 50%
export: less than 10%

MANAGER
Damien BRIDOUX
General Manager

OPMM DE L'ARTOIS

Construction and modification of your moulds up to 30 tons in size



100 Rue Arthur Lamendin
62260 AUCHEL
Tel +33 (0)3 21 61 90 90
Fax +33 (0)3 21 56 93 60
www.opmm.fr
adm@opmm.fr



Our company, a subsidiary of a French group, founded in 1975, was initially in the business of making all sizes of injection moulds. Gradually, over the last 10 years, 60% of turnover has been generated by modifying or finishing moulds supplied by our customers.

With new tools, thanks to our design office, we are able to make bi-injection moulds, moulds for overmoulding on textile and metal, medium and large scale moulds for decorative and technical parts.

Our equipment is recent: Milling machines, sinker and wire EDM, and presses. It has the distinction of enabling large strokes: up to 3500x2700x1250 mm without compromising accuracy.

Over time, a considerable proportion of our modifications are now made on client tools from LCCs.

We are able to conduct injection moulding tests on 50 to 2500-ton presses in the nearby group.

BUSINESS ACTIVITIES

Stamping
Machining
Moulds and tooling

SITE CREATION

1975

WORKFORCE (FTE)

42

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

Europe

SITES OUTSIDE FRANCE

No

CLIENTS

Faurecia, Visteon,
Mecaplast, Plastic
Omnium, Autoneum,
Wecosta

DESIGN OFFICE

Integrated

TURNOVER

€3400 K

automotive

sector: over 75%

export: 10 to 25%

MANAGER

Moey VAN DEN BERGHE
General Manager

PARISS SAS



2/4 rue de Judée
62100 CALAIS
Tel +33 (0)9 53 30 43 27
pariss-electric.com
contact@pariss-electric.com



Pariss is a young company which is developing an electric sports car that is not reliant on battery life. Its range extender, on the other hand, makes the Pariss autonomous from the battery level or charging network status. This supercar with its 100% carbon chassis has 4-wheel drive and can go from 0 to 100 km/h in 3.7 seconds.

The Pariss project has benefitted from the assistance provided by various regional partners (institutions and associations).

In general terms, it is the strong presence that Pariss has in its region that allows it to be so open about its big ambitions.

Damien BIRO
Manager

BUSINESS ACTIVITIES

Manufacturer
Electricity/electronics
Composites

SITE CREATION

2014

WORKFORCE (FTE)

9

COMPANY TIER

Manufacturer

COMPANY

French

MARKETS

France

SITES OUTSIDE FRANCE

U.S.A, Norway,
Switzerland

CLIENTS

Ville de Calais, Aporlis

DESIGN OFFICE

Integrated

TURNOVER

€2M invested

automotive

sector:

over 75%

export:

less than
10%

MANAGER

Damien BIRO
Manager

PEINTAMELEC INGÉNIERIE

Driving productivity



Parc industriel Artois-Flandres
365 rue d'Athènes
62138 BILLY-BERCLAU
Tel +33 (0)3 91 83 04 70
Fax +33 (0)3 91 83 04 79
www.peintamelec.com
bruno.lothe@peintamelec.com



Since 1978, PEINTAMELEC has been offering efficient, reliable and innovative solutions for industrial automation. Over 30 years of experience in a range of industries: automotive, smelting-ironworks, transport infrastructure, food, tobacco, logistics, health, energy, and more. In 1997, the Nord agency was established, bringing together research and production resources. Our Mission: sustainably improve the productivity of your production systems.

Our skills: design: study and integration of customised solutions; manufacturing: equipment manufactured and tested in our workshops; installation: construction and commissioning of lines and machinery throughout the world; optimisation: evolution of production and performance methods.

Our business activities are: automated handling (turnkey installation: conveyor, robotics); assembly testing (POKA YOKE, assembly lines, special machines, test benches); picking (user-friendly decision-making support solutions for industry and logistics); industrial computing (supervision, automation, measurement, traceability); electrical engineering (tables, cabinets, embedded devices, shelters); Peintamelec is a member of the VIAMECA engineering cluster; peintamelec is a Siemens Solution Partner.

Bruno LOTHE
Plant Manager

BUSINESS ACTIVITIES

Automated handling
Assembly stations and
testing of automotive
parts
Assembly lines

SITE CREATION

1997

WORKFORCE (FTE)

10

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

International

SITES OUTSIDE FRANCE

Romania

CLIENTS

Faurecia, Visteon,
Française des mécaniques

DESIGN OFFICE

Integrated

TURNOVER

€1.2 M

automotive

sector: over 75%

export: 25 to 50%

MANAGER

Bruno LOTHE
Plant Manager

PIRUS COMPOSITES

Turning ideas into materials



Secteur Des Hallots
Chemin des Dames - ZI
62620 RUITZ
Tel +33 (0)3 03 91 801 821
Fax +33 (0)3 91 801 831
www.pirus.fr
contact@pirus.fr



Established in 2002 and based in Ruitz, Pirus Composites has built its success on its expertise in the design and manufacture of plastic parts and composites. We design and produce models, prototypes, tools (moulds, jigs, weighing solutions) and parts for many industries including rail, automotive, leisure, construction, and more. Our work in the automotive field covers prototype phases, tooling, bodywork and interior parts (seats, trim), as well as workstations for production plants, for completing the fitting, equipment assembly stations, welding, testing, etc.

We are equipped with resources for reverse engineering (3D laser scanner), as well as large scale digital machining methods and 3D testing by photogrammetry. Since 2011, PIRUS Composites has been approved by the French Ministry of Research to receive research tax credit and is an active member of the centre of excellence for plastics technology.

Laurent PILLE
Manager

BUSINESS ACTIVITIES
Machining
Thermoforming/foaming
Composites
Textile
Moulds and tools
Studies, engineering,
testing

SITE CREATION
2002

WORKFORCE (FTE)
12

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
France, Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Not known

DESIGN OFFICE
integrated

TURNOVER
€1M
automotive
sector: 10 to 25%
export: 10 to 25%

MANAGER
Laurent PILLE
Manager

PROMENS FRANCE

Promens, rotational moulding of your tanks and large parts



rue Président Coty
62232 ANNEZIN
Tel +33 (0)3 21 63 12 20
Fax +33 (0)3 21 63 12 30
www.promens.com



PROMENS France SAS is the rotomoulding business line of the Promens Group, which, through its five Divisions, is entirely dedicated to plastics processing. PROMENS is the largest rotomoulding group in the world and its two French units have over 50 years of experience in the development and manufacture of complex hollow plastic components and assemblies, specific to each client using the method of rotational moulding.

Rotomoulding technology enables the development of large volumes of parts in PE/PA/PP, with integration of functions, in single or multilayer. Our method is particularly competitive for small and medium product series.

Promens is the preferred supplier of manufacturers of commercial and industrial vehicles, buses, coaches and special vehicles, as well as construction machinery. We have substantial expertise at our disposal, and provide innovative products including fuel and urea tanks, air ducts, coolant reservoirs, hydraulic oil tanks as well as vehicle wings, dashboards, etc. In partnership with customers, our teams and design office can provide ambitious technical solutions using simulation studies, and established expertise on varied markets/applications. Promens France SAS is ISO 9001 certified and we are in the process of completing ISO 14001 certification.

BUSINESS ACTIVITIES
Rotational moulding

SITE CREATION
Not known

WORKFORCE (FTE)
Not known

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
France, Italy, United Kingdom

SITES OUTSIDE FRANCE
Germany, Netherlands, Poland, Iceland, Spain

CLIENTS
AGCO, Caterpillar, Volvo Truck, Claas, PSA, Manitou, Bobca

DESIGN OFFICE
Integrated

TURNOVER
€18M
automotive sector: 25 to 50%
export: less than 10%

MANAGER
Jean Charles SIREYZOL
Plant Manager

PSA PEUGEOT CITROËN

Global specialist in the manufacture of gearboxes



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Fax +33 (0)3 27 09 40 50
www.valenciennes.psa.fr
nunziata.dubois@mpsa.com



Established in 1980, the PSA Peugeot Citroën Valenciennes site specialises in the manufacture of manual, automatic and controlled gearboxes. High-tech mechanical components that combine quality and precision for customer satisfaction. It is one of the largest gearbox production plants in the world and a major player in the local economy. It currently employs 2500 people who produce over 7000 gearboxes daily, and recruited 325 permanent employees between October 2010 and December 2011. Since its creation, the Valenciennes plant has made almost 34.7 million gearboxes. The gearboxes from Valenciennes equip more than half of all Peugeot and Citroën vehicles worldwide, including 90% of Peugeot 308s, and 70% of the Peugeot 3008 and 5008. At Citroën, 100 % of C3 Picasso, 95 % of C4, 100 % of DS4, 70 % of DS3 and 100 % of the Group's diesel hybrid vehicles. Every day, the women and men on the Valenciennes site apply the principles of lean manufacturing with all the humanism it entails.

BUSINESS ACTIVITIES

Machining
Assembly

SITES OUTSIDE FRANCE

Not known

SITE CREATION

1980

CLIENTS

Not known

WORKFORCE (FTE)

2,500

DESIGN OFFICE

Integrated

COMPANY TIER

Manufacturer

TURNOVER

€718M

automotive

sector: over 75%

COMPANY

French

export: 25 to 50%

MARKETS

France, Europe, Argentina,
Brazil, China, Russia

MANAGER

Patrick LEGUYADER
Director

RENAULT DOUAI

Vehicle assembly - Bodywork plant



ZA Cuincy
59509 DOUAI CEDEX
Tel +33 (0)1 76 83 97 75
mugb.communication@renault.com



Established in 1970 in the industrial region of Nord-Pas de Calais, Renault's Douai plant benefits from its proximity to the main European markets and the presence of many manufacturers in the area. Its workforce and production capacity make it one of the largest and most important Renault sites. Producing defect-free products and delivering on time is the main focus of this plant. The Renault Production System (RPS) supports this dual requirement by implementing standard methods and committing to continuous improvement. From the workstation to delivery of the vehicle, the efficiency of the system relies on the commitment and accountability of operators. Specialising in the manufacture of compact MPVs since 1996, when the first Scénic was launched, the Douai plant currently produces the Scénic, Grand Scénic and Mégane Coupé-Cabriolet. A pioneer and leader in its class for over ten years, the Scénic has emerged as the Europe's favourite family MPV with more than 4 million vehicles made. From 2014, Renault Douai will produce the Espace's replacements, the Laguna and Scénic. These future models will benefit from the new joint platform for the Renault-Nissan Alliance. Important work will be underway from 2011 onwards, to prepare the plant, modernise it and accommodate new technology related to these vehicles. Key features:

4,000,000 Scénics produced since the commercial launch in 1996

9,400,000 vehicles produced in Douai since 1975

BUSINESS ACTIVITIES

Manufacturer
Stamping
Assembly

SITE CREATION

1970

WORKFORCE (FTE)

4,800

COMPANY TIER

Manufacturer,

COMPANY

French

MARKETS

International

SITES OUTSIDE FRANCE

CLIENTS

DESIGN OFFICE

Integrated

TURNOVER

automotive
sector:

export:

MANAGER

Franck NARO
Director



ZI Artois Flandres
Secteur Est-Zone A
Billy Berclau
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www.rmrsystems.fr
rmr@rmr-industries.com



Today RMR has a high-end and very diverse machine fleet which allows machining of high-precision individual parts and parts series.

Its competent and versatile staff ensure fast response times for production. It can provide a particularly comprehensive service to its clients: Design office, machining, in-house and on-site assembly.

Values:

To provide customers with the highest possible quality through final inspection of the entire production.

To actively implement continuous improvement initiatives in order to reduce costs.

To support the client in their purchasing and productivity gains.

Philippe FAUCOEUR
Chairman

BUSINESS ACTIVITIES

Precision engineering
Studies
Maintenance
Assembly
Sale of software and training

SITE CREATION

2005

WORKFORCE (FTE)

40

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

France, International

SITES OUTSIDE FRANCE

No

CLIENTS

Française des
mécaniques, Peugeot,
Renault

DESIGN OFFICE

Integrated

TURNOVER

€5M

automotive

sector: 10 to 25%

export: less than

10%

MANAGER

Philippe FAUCOEUR
Chairman

REYDEL AUTOMOTIVE GONDECOURT

Tier 1 automotive supplier



37 rue JB Marquant
BP 6
59147 GONDECOURT
Tel +33 (0)3 20 62 50 50
Fax +33 (0)3 20 62 50 52
www.reydel.com



Reydel Automotive designs, develops and manufactures complete modular interior systems providing innovative quality products to vehicle manufacturers worldwide. With 17 manufacturing facilities, 6 just-in-time assembly sites and 8 technical centers located in Europe, Asia and South America and headquarters in Clamart France, Reydel Automotive is present in 16 countries and employs about 5000 people. Reydel Automotive's revenue in 2014 was 939.3 million\$ with 65% in Europe, 27% in Asia and 8% in South America.

Learn more at www.reydel.com.

BUSINESS ACTIVITIES
Injection extrusion
Thermoforming/foaming

SITE CREATION
1928

WORKFORCE (FTE)
450

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
France, International -
Europe, outside Europe

SITES OUTSIDE FRANCE
International

CLIENTS
PSA, Renault/Nissan,
Daimler, Volvo Trucks

DESIGN OFFICE
Integrated

TURNOVER
939.3 M\$ (Group)
automotive
sector:
export:

MANAGER
Mathias SWINNEN
Plant Manager

REYDEL AUTOMOTIVE HARNES



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Fax +33 (0)3 21 13 90 90
www.reydel.com



Reydel Automotive designs, develops and manufactures complete modular interior systems providing innovative quality products to vehicle manufacturers worldwide. With 17 manufacturing facilities, 6 just-in-time assembly sites and 8 technical centers located in Europe, Asia and South America and headquarters in Clamart France, Reydel Automotive is present in 16 countries and employs about 5000 people. Reydel Automotive's revenue in 2014 was 939.3 million\$ with 65% in Europe, 27% in Asia and 8% in South America.

Learn more at www.reydel.com.

BUSINESS ACTIVITIES
Studies, engineering,
testing

SITE CREATION
1998

WORKFORCE (FTE)
210

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
International, Europe,
outside Europe

SITES OUTSIDE FRANCE
International

CLIENTS
Renault, Nissan, PSA, VW,
Daimler, Volvo Trucks,
Renault Trucks

DESIGN OFFICE
Integrated

TURNOVER
939.3 M\$ (Group)
automotive
sector:

export:

MANAGER
Nicolas LORTHOIS
Plant Manager

SAGAERT PLASTIQUE



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www.sagaertplastique.com
gnotte@sagaertplastic.com



SAGAERT boasts three areas of expertise and three core businesses: technical textiles on a small and large scale (including clothing), injection and overmoulding on textile and metal, processing and machining of wires, tubes and sheet metal. Our 18 production sites (all close to each other), our quick response times, our “industrial spirit”, our freedom of action and, finally, our considerable investment capacity make us very competitive, including for contracts normally acquired through outsourcing. Our powerful combination of continuous knowledge transfer, sustained investment and multidisciplinary experience means we can respond to and support our customers in their quest for optimum performance.

Emmanuel VANDAMME
Director

BUSINESS ACTIVITIES

Injection and overmoulding

SITE CREATION

1992

WORKFORCE (FTE)

50

COMPANY TIER

Tier 2 and above

COMPANY

French

MARKETS

France, International

SITES OUTSIDE FRANCE

No

CLIENTS

Renault, PSA

DESIGN OFFICE

Integrated

TURNOVER

€6M

automotive

sector: 10 to 25%

export:

10 to 25%

MANAGER

Emmanuel VANDAMME
Director

SAMBRE MECA

Precision engineering



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59600 Assevent
Tel +33 (0)3 27 66 75 75
Fax +33 (0)3 27 66 75 75
www.sambremeca.com
contact@sambremeca.com



Founded in 1982, our company specialises in machining precision mechanical parts, tools, wheels and segments for product marking.

We work with all materials, by unit or in small and medium series.

The 700 sqm machine shop has a hoisting capacity of up to 5 tons, and includes equipment for CNC milling/turning, wire EDM and EDM, and surface and cylindrical grinding.

We also have an integrated air-conditioned metrology laboratory with all the necessary measurement resources for the systematic testing of our products.

The ISO 9001 V 2008 quality assurance system monitors and controls the production cycle from receipt of the raw materials to the final inspection, and ensures traceability of goods from the purchase order to its shipment to the customer.

The Quotation, Process Engineering and Scheduling department is equipped with CAM and ERP software and can thus respond promptly to product queries, orders and deadlines.

Christophe SALETZKY
Manager

BUSINESS ACTIVITIES
Machining

SITE CREATION
1983

WORKFORCE (FTE)
20

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
France

SITES OUTSIDE FRANCE
No

CLIENTS
LISI Automotive

DESIGN OFFICE
No

TURNOVER
€1700 K
automotive sector: less than 10%

export: less than 10%

MANAGER
Christophe SALETZKY
Manager

SANOH EUROPE

Bending and joining metal tubes for vehicles



Rue Jean Marie Frouin
ZI
59121 PROUVY
Tel +33 (0)3 27 09 02 09
Fax +33 (0)3 3 27 09 02 08
www.sanoh.com
sebastien.delaere@sanoh.fr



Supplying automotive equipment for over 50 years, Sanoh designs and manufactures liquid conveying metal tubes for global motor vehicle manufacturers. The main supplier for its customers Nissan, Toyota, Honda, Suzuki, Sanoh is developing on all continents, and especially in Europe.

Its manufacturing plant in Valenciennes performs bending and assembly operations for brake, fuel and clutch tubes for Toyota and Renault. Its automated and mechanised bending processes make it a leading supplier in the market.

Its growth is mainly due to the activity of Toyota, based in Onnaing, but its assets in terms of production and logistics will help increase its range of customers across Europe.

BUSINESS ACTIVITIES

Assembly
Bending

SITE CREATION

2000

WORKFORCE (FTE)

25

COMPANY TIER

Tier 1

COMPANY

Japanese

MARKETS

France, International
Europe

SITES OUTSIDE FRANCE

No

CLIENTS

Toyota, Motor
Manufacturing France,
Renault

DESIGN OFFICE

No

TURNOVER

€5800 K

automotive

sector: over 75%

export: less than
10%

MANAGER

Satoru TANAKA
Manager

S.C.D.S

Global skills centre in automotive powertrains

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62100 CALAIS
Tel +33 (0)2 21 97 45 92
Fax +33 (0)3 21 34 70 75
www.fr.schaeffler.com
cawthmrt@schaeffler.com



S.C.D.S. develops, manufactures and sells products and accessories for the automotive industry. Our fully integrated process enables, using steel, the manufacture of oil pumps drives, valvetrains and accessory drives.

Christophe BUDIN
Plant Manager

BUSINESS ACTIVITIES
Other

SITE CREATION
2006

WORKFORCE (FTE)
261

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
USA, Europe, China, India

SITES OUTSIDE FRANCE
No

CLIENTS
GM, VW, Audi, Daimster,
Hyundai, PSA

DESIGN OFFICE
Integrated

TURNOVER
€55M
automotive sector: over 75%
export: over 75%

MANAGER
Christophe BUDIN
Plant Manager

SEALOCK

Industrial adhesives manufacturer



Parc d'Activités La Galance
53, rue du Marais
62430 SALLAUMINES
Tel +33 (0)3 21 78 60 60
Fax +33 (0)3 21 78 61 62
www.sealock.fr
sealock@sealock.fr



For 28 years, the SEALOCK company has specialised in the formulation of water-based and hotmelt adhesives. Our products are designed for industrial groups in Packaging, Graphic Arts, Bookbinding, Automotive, Assembly, and so on. With three locations in Europe (England, France and Poland), SEALOCK is a leading independent manufacturer of adhesives.

SEALOCK is committed to developing adhesives that meet the specific requirements of its customers. For this reason, 20% of our resources are dedicated to Research and Development and the company has incorporated the Competitive Cluster MAUD. The company also maintains a close and continuing relationship with its customers in order to best anticipate their needs.

SEALOCK has ISO 9001 / ISO 14001 certification and is also committed to meeting and maintaining the highest levels of Corporate Social Responsibility (ISO 2600 assessment in progress).

SEALOCK is above all a supplier of adhesives.

Jean-Marc BARKI
Manager

BUSINESS ACTIVITIES
Industrial adhesives
manufacturer

SITE CREATION
1996

WORKFORCE (FTE)
17

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
France, Europe,
International in progress

SITES OUTSIDE FRANCE
England, Poland

CLIENTS
Peugeot, Citroën

DESIGN OFFICE
Integrated

TURNOVER
€4.7 M
automotive
sector: less than
10%
export: 10 to 25%

MANAGER
Jean-Marc BARKI
Manager

SECMA

Recreational vehicle manufacturer



rue Denfert Rochereau
59580 ANICHE
Tel +33 (0)3 27 92 46 46
Fax +33 (0)3 27 95 42 42
www.secmavehicule.com
contact@secmavehicule.com



SECMA is a family business specialised in the design, implementation, certification, manufacture and marketing of hybrid and electric recreational vehicles. Its uniqueness lies in the total integration of its manufacturing processes, from research and development of prototypes by its own engineering centre, to the implementation of tools and templates, the construction of welded components, and the design of tools for manufacturing car bodies by its own thermoforming workshop.

SECMA vehicles are present throughout the world, both in Europe and in French overseas territories as well as in Australia, Mexico, the United States, and more.

SECMA, originally a manufacturer of lightweight and heavy tricycles and quadricycles, achieved success in certifying the F 16, the latest in its range, in the M1 vehicle category.

Daniel RENARD
CEO

BUSINESS ACTIVITIES
Manufacturer
Machining
Thermoforming/foaming

SITE CREATION
1995

WORKFORCE (FTE)
17

COMPANY TIER
Manufacturer,

COMPANY
French

MARKETS
France, International -
Europe, outside Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Not known

DESIGN OFFICE
Integrated

TURNOVER
€1550 K
automotive
sector: over 75%
export: 50 to 75%

MANAGER
Daniel RENARD
CEO

SEGULA TECHNOLOGIES AUTOMOTIVE



Let's shape the future together...



Synergy Park
13 rue Louis Néel
59260 LEZENNES
www.segula.fr
patrick.gaspard@segula.fr



A multi-sector business SEGULA Technologies boasts expertise in the following business sectors: automotive & industrial vehicles, aerospace and defence, rail, energy, naval, industries and processes, banking and insurance.

This wide variety of activities means SEGULA Technologies has to orchestrate an extremely wide range of services: product-process engineering, document management, general facilities engineering, electronic engineering, IT systems engineering, production and industrial services.

To best meet the needs of its customers, SEGULA Technologies offers different service modules: technical assistance, project platform, turnkey projects, and a dedicated design office. For over 25 years, SEGULA technologies has focused its growth on meeting the needs of its clients, both nationally and internationally, by: locating its engineering centres within a short distance from their clients' locations, both in France and internationally, thereby enabling a fast response and close proximity to project teams; becoming ever more competitive by developing platforms in LCC (Leading Competitive Countries) such as Morocco, Tunisia and Romania.

BUSINESS ACTIVITIES

Studies, engineering,
testing
Services

SITE CREATION

1987

WORKFORCE (FTE)

50

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

Global

SITES OUTSIDE FRANCE

Global

CLIENTS

PSA Peugeot-Citroën,
Renault, VALEO, VISTEON,
FAURECIA, MECAPLAST,
EADS, Airbus, Eurocopter,
Safran, Thalès, Alstom,
RATP, Bombardier,
Siemens, SNCF, Michelin,
Total, DCNS, EDF, Areva,
Société Générale, BNP
Paribas

DESIGN OFFICE

Integrated

TURNOVER

€480M

**automotive
sector:**

25 to 50%

export:

10 to 25%

MANAGER

Jean-Bernard FAIVRE

SERIM

Your industrial partner for studies, machining, and mechanical welding



1 rue de l'industrie
BP 60620
59164 MARPENT
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Fax +33 (0)3 27 68 69 00
www.serimmarpent.fr
contact@serimmarpent.fr



Founded in 1986, SERIM (Service Etude Réalisations Industrielles et Maintenance) is an engineering and mechanical subcontractor. Based in the North of France, near Maubeuge, SERIM offers four services: Design Office, machining, welding, on-site services. SERIM has ISO 9001 certification

BUSINESS ACTIVITIES

Manufacturer
Machining
Moulds and tooling
Capital goods
Studies, engineering, testing

SITE CREATION

1986

WORKFORCE (FTE)

25

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

France

SITES OUTSIDE FRANCE

No

CLIENTS

Areva, EDF, Bombardier, Alstom, Toyota, Renault, Visteon

DESIGN OFFICE

Integrated

TURNOVER

€1600 K

automotive sector:

less than 10%

export:

less than 10%

MANAGER

Jean Claude PHILIPPE
CEO

SEVELNORD

Automotive production



Parc d'activités Jean Monnet
BP 10
59111 LIEU SAINT-AMAND
Tel +33 (0)3 27 22 60 00
www.sevelnord.psa.fr
site-de-sevelnord@mpsa.com



Inaugurated in 1994, Sevelnord (Société Européenne des Véhicules Légers du Nord) assembles the Peugeot 807 MPV, Citroen C8 as well as the Peugeot Expert, Citroen Jumpy, Fiat Scudo and Toyota PRO ACE vans.

Sevelnord has been ISO 14001 certified since 2000 and ISO 9001 certified since 1994.

BUSINESS ACTIVITIES

Manufacturer
Assembly

SITE CREATION

1992

WORKFORCE (FTE)

over 500

COMPANY TIER

Manufacturer,

COMPANY

French

MARKETS

SITES OUTSIDE FRANCE

No

CLIENTS

PSA Peugeot Citroën,
FIAT Auto, Toyota Motor
Europe

DESIGN OFFICE

No

TURNOVER

automotive sector: over 75%
export:

MANAGER

Philippe COENE
General Manager

SICAL

Packaging, corrugated cardboard



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62380 LUMBRES
Tel +33 (0)3 21 38 60 00
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www.sical.fr
sical@rossman.com



SICAL has been based on the banks of the river Aa since 1826. At that time, a paper mill produced paper pulp from straw and recycled boat sails from the port of Boulogne-sur-Mer. Since this date, the Company has continued to grow: more paper machines have successively replaced the original paper machinery.

In 1958, the Company developed their Corrugated Cardboard business by creating SICAL: Société Industrielle des Cartonneries A Lumbres.

ROSSMANN Group, chaired by Bernard ROSSMANN, acquired SICAL in 1985. SICAL's main business activity is currently the design and production of Corrugated Cardboard packaging, particularly for the automotive industry. A Research Department made up of eight engineers and technicians is capable of designing innovative packaging solutions to meet the requirements of the Automotive Industry. Among its clients, SICAL counts many OEMs in the automotive sector, particularly 1st and 2nd Tier Suppliers.

A "Plastics" Department, specialising in the design and production of parts in moulded expanded polystyrene and polypropylene, completes the range of products on offer to the Automotive Industry.

Furthermore, SICAL has ISO 9001 Quality certification, ISO 14001 Environment certification and the Imprim Vert (green printing) label.

BUSINESS ACTIVITIES
Capital goods

SITE CREATION
2000

WORKFORCE (FTE)
Not known

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
France, Europe,

SITES OUTSIDE FRANCE
Spain, Belgium, Poland, Romania, Ivory Coast, Ghana, Burkina.

CLIENTS
Not known

DESIGN OFFICE
Integrated

TURNOVER
€82M
automotive sector:

less than 10%

export: less than 10%

MANAGER
Dominique BRUMENT
General Manager

SIMOLDES PLASTICOS



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Fax +33 (0)3 27 28 55 60
www.simoldes.com/plastics/spfrance.html
mail@simoldes.com



Simoldes Plasticos France (SPF) is a production unit of the Simoldes group, specialised in tooling and injection moulding of plastic parts primarily for the automotive industry. The SPF plant, located in Onnaing, was established in 1998. Plastic parts, such as door panels, cabinets, wheel arches and various interior and exterior parts, are moulded on over 25 machines reaching up to 2000 tons. Operations for finishing and assembling subsets are also carried out there. The site works, among others, for PSA, Renault, Toyota and Honda, and employs 250 people for a turnover of approximately 35 million euros.

BUSINESS ACTIVITIES

Injection extrusion
Assembly
Moulds and tooling

SITE CREATION

1998

WORKFORCE (FTE)

250

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

France, England, Spain

SITES OUTSIDE FRANCE

Portugal, Poland, Brazil

CLIENTS

PSA, Renault, Honda,
Toyota, Nissan, GM

DESIGN OFFICE

No

TURNOVER

€35M

automotive

sector: over 75%

export: 10 to 25%

MANAGER

Yonel PESSOA
Plant Manager

SNWM

Manufacture of parts and bodywork and vehicle weldments



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59506 DOUAI Cedex
Tel +33 (0)3 27 93 39 39
Fax +33 (0)3 27 87 06 32
www.snop.eu
cduvey@snwm.fr



Our company specialises in making "body in white" subsets by stamping and welding assembly for the European automotive industry.
We also have an entity dedicated to paint coating (cataphoresis) and Rilsan.

Christophe DUVEY
Area manager - North

BUSINESS ACTIVITIES
Stamping
Surface treatment

SITE CREATION
1896

WORKFORCE (FTE)
390

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
France, Europe

SITES OUTSIDE FRANCE
China, Morocco, Turkey,
Czech Rep., UK, Spain,
Germany

CLIENTS
Renault, Peugeot

DESIGN OFFICE
No

TURNOVER
€92M
automotive sector: over 75%
export: less than 10%

MANAGER
Christophe DUVEY
Area manager - North



Parc Horizon 2000
62117 BREBIERES
Tel +33 (0)3 27 93 38 50
Fax +33 (0)3 27 88 81 24
www.faurecia.com
stephane.rivenq@faurecia.com



Sotexo was created in 1980 by Renault for cutting and sewing car seats. In 1987, Renault sold the business to an automotive supplier (Bertrand Faure) to ensure "just in time" delivery of the completed seats. In 1998, the merger between Groupe Bertrand Faure and ECIA created FAURECIA. The site, based in Brebières, supplies the Renault plant in Douai (2km away) with complete upholstered seats for the normal Scénic segment, the large Scénic and the front seats of the Mégane Cabriolet models.

BUSINESS ACTIVITIES

Assembly

SITE CREATION

1980

WORKFORCE (FTE)

394

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

Not known

SITES OUTSIDE FRANCE

Europe, Asia, USA, South America

CLIENTS

Not known

DESIGN OFFICE

No

TURNOVER

Not known

automotive

sector: over 75%

export: less than 10%

MANAGER

Stéphane Rivenq
Plant Manager

ZI rue Denis Papin
BP14
59147 GONDECOURT
Tel +33 (0)3 20 62 95 95
Fax +33 (0)3 20 62 95 96
www.sp2i.biz
regis.robillard@sogat.com



Our business: "turnkey" solutions, in automotive repair and rail maintenance workshops, and in waste treatment plants, for issues related to lifting, handling and transferring heavy loads.

Our goal is to provide our customers with tools and facilities tailored to their needs, as well as to the operating conditions and safety levels required within their company. We work with all types of industries: Steel, Completion, Aluminium smelters, Nuclear, Automotive, Aerospace, Stationery, Railway, environment, etc.

Based in Gondecourt, near Lille, we have our own machine shops, boilerwork - welding, painting, and assembly workshops, and an electrics and automation department.

Daniel CADEZ
Sales Manager

BUSINESS ACTIVITIES
Boilerwork

SITE CREATION
1970

WORKFORCE (FTE)
75

COMPANY TIER
Tier 1

COMPANY
French

MARKETS
France

SITES OUTSIDE FRANCE
No

CLIENTS
Renault, Arcelor

DESIGN OFFICE
Integrated

TURNOVER
€2M
automotive sector: 10 to 25%
export: less than 10%

MANAGER
Gilles VERSTRAETE
Chairman



ZI de Ruitz
Secteur le Moulin
Route de Houchin
62620 RUITZ
Tel +33 (0)1 76 89 46 46
sta-communication@renault.com



Since 1971, the Société des Transmissions Automatiques (STA) has specialised in the design and manufacture of automatic gearboxes and powertrains for Renault, Dacia, Peugeot, Citroën and the Chinese manufacturer Chery. In three teams, its 750 employees produce up to 1800 automatic gearboxes a day. Over 75% of production is intended for "International Export"

BUSINESS ACTIVITIES

Manufacturer
Stamping
Ironworks
Machining
Assembly
Studies, engineering, testing

SITE CREATION

1971

WORKFORCE (FTE)

750

COMPANY TIER

Manufacturer,

COMPANY

French

MARKETS

Europe, Russia, China,
South America,
Mediterranean basin

SITES OUTSIDE FRANCE

No

CLIENTS

Renault, PSA, Dacia, Chery

DESIGN OFFICE

Integrated

TURNOVER

€164M

automotive

sector: over 75%

export: over 75%

MANAGER

Pierre GILBERT
Manager

TACQUET INDUSTRIES

Small and large scale on-site machining



ZI du Chateau
rue Albert Einstein
62220 CARVIN
Tel +33 (0)3 21 13 13 00
Fax +33 (0)3 21 13 13 01
www.tacquet-industries.fr
contact@tacquet-industries.fr



For over 25 years, the objective of TACQUET INDUSTRIES has been to rise to ambitious technical challenges in the following areas: small and large scale on-site machining, machine design for on-site machining, consulting and feasibility audits. Our job is to solve the various problems presented by parts generally considered non-removable.

Our technicians work in all conditions.

We take into consideration the most complicated aspects of each situation and work with our clients to find the best possible solutions.

Our technicians work on solutions to precisely define, correct and prevent problems at our customers' facilities, designing specific techniques to handle even the most unusual challenges.

Before any operation, we conduct a thorough analysis of the working conditions and potential risks. We study various alternatives and recommend the safest option with regard to staff, the site and the desired results.

Jean-Pierre TACQUET
Chairman

BUSINESS ACTIVITIES

Machining
Services

SITE CREATION

2004

WORKFORCE (FTE)

26

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

International

SITES OUTSIDE FRANCE

No

CLIENTS

Alstom, Arcelor Mittal,
EDF, Sulzer, PSA, Dresser
Rand, Renault

DESIGN OFFICE

Integrated

TURNOVER

€3.3 M

**automotive
sector:**

less than
10%

export:

less than
10%

MANAGER

Jean-Pierre TACQUET
Chairman

TMMF

TMMF, production site for the Yaris and Yaris Hybrid

TOYOTA



TOYOTA MOTOR MANUFACTURING
FRANCE
Parc d'Activités
de la Vallée de l'Escaut-sud - BP16
59264 Onnaing Tél +33 (0)3 27 51 21 21
www.toyota-valenciennes.com
communication@toyotafr.com



The Toyota Motor Manufacturing France site began operation on 31 January 2001. Entirely dedicated to manufacturing the Yaris and Yaris Hybrid, the site has 4 workshops: stamping, bodywork, paint and assembly. TMMF also produces dashboards and bumpers built in an integrated plastics workshop on-site. Their high performance logistics activity manages parts from suppliers.

The plant employs 4000 people and has a production capacity of 270,000 vehicles per year, in three teams, with a production rate of one car every 60 seconds. In July 2011, TMMF began production of the third generation Yaris and since April 2012 has assembled the Yaris Hybrid, the first petrol-electric vehicle sold in the B segment in Europe. The entire production of the Valenciennes site is dedicated to the European market and 13% to the French market.

The participation of the Toyota Onnaing site in the Pôle Automobile is an opportunity to share its best practice, expertise and to support all stakeholders in the automotive industry.

BUSINESS ACTIVITIES
Manufacturer

SITE CREATION
1998

WORKFORCE
4000

COMPANY TIER
Manufacturer

COMPANY
French

MARKETS
Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Toyota Motor Europe

DESIGN OFFICE
No

TURNOVER
€1.7 billion
automotive sector: over 75%
export: over 75%

MANAGERS
Koreatsu AOKI
Chairman

TOYOTOMI EUROPE

Stamping, welding and cataphoresis painting specialist



Parc d'activités
de la vallée de l'Escaut Sud
BP 17
59264 ONNAING
Tel +33 (0)3 27 33 08 69
Fax +33 (0)3 27 31 93 76
www.toyotomieurope.com



Toyotomi, established in France since 2006, has two distinct activities in the production of body parts for the automotive industry: JIT production of spare parts in small batches, based on stamping processes (1800 to 800 tonnes), welding components and cataphoresis painting, and the production of parts series, based on edge cutting processes (1800 tonnes), stamping (1800 and 2500 tons) and welding robotic cells. We are at your disposal for all stamping (steel, aluminium, etc.) welding and painting solutions.

Jérôme RANNOU

Purchase, business, production
and control manager

BUSINESS ACTIVITIES

Stamping
Moulds and tools

SITE CREATION

2005

WORKFORCE (FTE)

281

COMPANY TIER

Tier 1

COMPANY

Japanese

MARKETS

International

SITES OUTSIDE FRANCE

Japan, USA, Thailand

CLIENTS

Toyota

DESIGN OFFICE

No

TURNOVER

€45M

automotive

sector: over 75%

export: 25 to 50%

MANAGER

Katsuhiro OKUMURA
Chairman

TREMOIS

Automotive supplier specialising in interior trim



2 rue Jean Monnet
BP 10
59360 LE CATEAU CAMBRESIS
jean-claude.baratte@treves-group.com



TREMOIS, a subsidiary of the TREVES group, has been based in Le Cateau Cambresis since 1978. Specialising in interior trim (floor carpets, upholstery, chests, acoustic and soundproofing products, integrated manufacturing of various coatings, etc.), Tremois is a Tier 1 supplier for manufacturers such as PSA, RSA, Toyota, and Mercedes, and delivers Tier 2 products for other subsidiaries of the TREVES group, intended for manufacturers located throughout western Europe.

Jean-Claude BARATTE
Director

BUSINESS ACTIVITIES
Thermoforming/foaming
Textile/carpet
Assembly

SITE CREATION
1978

WORKFORCE (FTE)
192

COMPANY TIER
Tier 1, 2 and above

COMPANY
French

MARKETS
France, Europe

SITES OUTSIDE FRANCE
No

CLIENTS
PSA, RSA, Toyota, Dura
automotive, Lear, Groupe
Treves

DESIGN OFFICE
No

TURNOVER
€41M
automotive sector: over 75%
export: 10 to 25%

MANAGER
Jean-Claude BARATTE
Director

TTESA

Toyota Tsusho Europe, integrator of logistics and industrial solutions



PA Vallée de l'Escaut
ZIN°9 Ouest - BP10
59264 ONNAING
Tel +33 (0)3 27 51 21 66
Fax +33 (0)3 27 51 96 69
www.ttesa.net
laetitia.labonne@fr.ttesa.net



Toyota Tsusho Europe is historically based opposite the Toyota plant. Its main objective is to enable you to focus on your production. We offer our clients turnkey solutions: from the supply of steel in various forms, to production logistics (container unloading, quality control, parts assembly, repacking, order picking) and distribution logistics (JIT delivery, milk run organisation, return of your empties), as well as manufacturing and industrial maintenance (design office, creation of standard and specific packaging, system shooter, workstation, platforms, tooling, maintenance of your equipment, construction of lines, etc) but also by managing your supply of spare parts. Our teams are trained in Japanese quality methods (5S, Kaizen, PDCA, Kanban method, etc.). Today, Toyota Tsusho has managed to adapt to its environment and is diversifying by partnering other major businesses in the region such as Alstom, Bombardier and GSK, and is beginning work with other automakers including Renault and PSA. Toyota Tsusho Europe Valenciennes is ISO 14001 certified. Through its global network and knowledge of Japanese quality standards, Toyota Tsusho ensures the best possible service at the best price.

BUSINESS ACTIVITIES

Machining
Surface treatment
Assembly
Moulds and tools
Studies, engineering
Services
Production and
distribution logistics

SITE CREATION

2000

WORKFORCE (FTE)

104

COMPANY TIER

Tier 1

COMPANY

Japanese

MARKETS

France, International

SITES OUTSIDE FRANCE

Belgium, UK, Germany,
Italy, Poland, Czech Rep.,
Hungary, Turkey, Global

CLIENTS

Bombardier, Alstom,
Daikin, GSK, Daher,
Electrolux, Toyota,
Toyotomi, Denso, Agrati,
Ficosa, Valéo

DESIGN OFFICE

Integrated

TURNOVER

€17237 K

automotive

sector: 50 to 75%

export: 10 to 25%

MANAGER

Hirokazu TAKAHACHI
Branch manager

UM CORPORATION

Stamping and assembly of structural parts for vehicles



3 rue Pasteur
62118 BACHE-SAINT-VAAST
Tel +33 (0)3 21 60 82 00
Fax +33 (0)3 21 60 82 11
c.delienne@fr.ma.gruppocln.com



UMC Supplier of Automobile Manufacturers Located in the Nord-Pas de Calais. Creation in January 2003 following the joint venture between UNIPRESS (Japan) and MAGNETTO (Italy), both Suppliers of Automotive Manufacturers & OEMs.

Our production site covers stamping and metal processes.

For the manufacture of structural and super-structural parts.

Our processes include transfer pressing (1500 T) and OAS (600 T to 1000 T). We currently employ over 150 people for a turnover of € 50 M per year.

Following the considerable growth of our Company, the business needed to make changes in order to be able to continue its development and performance, which is why we deploy Lean manufacturing in our workshops.

Our objective is to be the LEADER on the stamped and assembled parts market while ensuring the quality expected by our customers.

BUSINESS ACTIVITIES

Stamping
Assembly

SITE CREATION

2003

WORKFORCE (FTE)

114

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

International, Europe,
outside Europe

SITES OUTSIDE FRANCE

No

CLIENTS

PSA, Renault, Nissan

DESIGN OFFICE

No

TURNOVER

€48M

automotive

sector: over 75%

export: 25 to 50%

MANAGER

Nicolas HAMMERTON
Director

UNIJECT

Your innovative composites expert



ZI de la Vallée du Bois
Route de Cambrai
62452 BAPAUME
Tel +33 (0)3 21 58 92 55
Fax +33 (0)3 21 48 07 88
www.uniject.fr
jm.devis@uniject.fr



Uniject designs, manufactures and markets all types of openings for refrigerated vehicles. The company is diversifying into technical products that are enhanced by the integration of functions allowing composites and RTM technology (resin injection into complex fibreglass, with or without core), its primary business activity. On the French market, Uniject is THE "doors" supplier, and a leader in the refrigerator bodywork sector with approximately 50% market share. The remaining 50% is that of directly integrated mass productions at large bodybuilders.

A second activity segment based on the same process is the construction of technical parts for fairings, protection of subsets for commercial vehicles. Located on a site covering 1 hectare, 4000 sqm of which is covered, in 2011 Uniject produced more than 10,000 parts and employed 45 people to achieve a turnover of € 4.1 million. Their R&D activities focus on their core business: composite moulding. Management, the design office and the production managers are all involved in this work. Participation in the FIDELYS project has given us the opportunity to speed up the development of Uniject'Air, with the introduction of a new business activity: aerodynamics in favour of the environment, with the support of experts

Jean-Marc DEVISE
CEO

BUSINESS ACTIVITIES
Injection extrusion
Composites

SITE CREATION
1981

WORKFORCE (FTE)
45

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Durissotti, Lamberet,
Aubineau

DESIGN OFFICE
Integrated

TURNOVER
€4100 K
automotive sector: over 75%
export: less than 10%

MANAGER
Jean-Marc DEVISE
CEO



route de Montreuil
62630 ETAPLES
Tel +33 (0)3 21 09 82 00
Fax +33 (0)3 21 09 81 34
www.valeo.com



The VALEO site in Etaples, established in 1970, is integrated within the “Electrical Systems” product group, in the “Propulsion Systems” division.

The entity, structured in five autonomous production units including one for assembly, is dedicated to developing and manufacturing alternators and hybrid microelectronic products, with production that integrates electrical, electronic and mechanical components.

The site comprises 1100 employees including approximately 200 engineers and executives. Integrated into the European Operations Department, the site is the global centre of product/process expertise on the alternator.

BUSINESS ACTIVITIES

Electricity/electronics
Assembly
Studies, engineering,
testing

SITE CREATION

1970

WORKFORCE (FTE)

1,100

COMPANY TIER

Tier 1

COMPANY

French

MARKETS

Europe

SITES OUTSIDE FRANCE

No

CLIENTS

French and European
motor vehicle
manufacturers

DESIGN OFFICE

Integrated

TURNOVER

Not known

automotive

sector: over 75%

export: 25 to 50%

MANAGER

Alberto SANTOS
Plant GM

VALUTEC

Centre for mechanical testing, 3D metrology and numerical simulation



Le mont Houy
BP 90014
59314 VALENCIENNES CEDEX 09
Tel +33 (0)3 27 81 10 81
Fax +33 (0)3 27 51 10 94
www.valutec.fr
contact.valutec@univ-valenciennes.fr



Valutec supports your research and development projects by providing testing systems (COFRAC Tests - Accreditation No. 1-2337 provided on request), 3D metrology or calculations, or acting as your partner in collaborative research projects. Our teams offer the following services: fast dynamics (direct catapult, drop towers, pedestrian impact test bench, pendulum impact), Fatigue impact (multiaxial simulation table with hydraulic actuators, 4-actuator test bench replicating traffic signals, manoeuvre bench with pneumatic and electric actuators, environmental chamber), noise and vibration testing (electrodynamic shaker linked to an environmental chamber, semi-anechoic chamber, data acquisition), braking (brake dynamometer), aerodynamics/aeroacoustics (air-flow simulation bench), thermal (environmental chamber up to 10m³, sun room), 3D metrology (measurement arm, photogrammetry, 3D scanning), numerical simulation (Nastran/Patran and Pam-crash).

Jean-Pierre CARTELLINI
General Manager

BUSINESS ACTIVITIES

Studies, engineering,
testing
Services

SITE CREATION

1999

WORKFORCE (FTE)

25

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

International, Europe,

SITES OUTSIDE FRANCE

No

CLIENTS

PSA, Renault, Faurecia,
Visteon, Eurostyle
Systems, Benteler, Arcelor
Mittal, SNOP, Michelin,
PO, Hutchinson, Alstom,
Bombardier Transports

DESIGN OFFICE

Integrated

TURNOVER

€2M

automotive

sector: 50 to 75%

export: 10 to 25%

MANAGER

Jean-Pierre CARTELLINI
General Manager

VERBRUGGE NICKEL



2 rue de la Prévoyance
59000 LILLE
Tel +33 (0)3 20 53 74 55
Fax +33 (0)3 20 88 17 24
www.verbrugge.fr
rdelerue@verbrugge.fr



Since 1941, the company VERBRUGGE (Lille) has been specialising in anti-wear and anti-corrosion surface treatments such as hard chromium and electroless nickel plating. We have efficient treatment methods with high dimensional capacity, especially for hard chrome plating, and with a multi-material aspect for nickel plating as we can treat three types of material simultaneously. Fully automated by a specific program developed in-house and tailored to the needs of our customers, our production lines allow high speeds and ensure traceability. All these methods, combined with our disciplined and dynamic working practices, allow us to be ISO TS16949 certified and to work, among others, with corporate clients in the automotive sector, whatever their tier. In addition, to better meet the demands of this sector, the company has expanded its production by also specialising in anodising (mechanical and decorative) by acquiring the company TECAL (Vire) in 2010, also ISO TS6949 certified.

Olivier Dupont
Sales engineer

BUSINESS ACTIVITIES
Surface treatment

SITE CREATION
1941

WORKFORCE (FTE)
35

COMPANY TIER
Tier 2 and above

COMPANY
French

MARKETS
France, International,
Europe

SITES OUTSIDE FRANCE
No

CLIENTS
Automotive, General
Engineering, Hydraulics,
Steel, Stationery, Lighting,
Street Furniture

DESIGN OFFICE
No

TURNOVER
€6.5 M
automotive
sector: 10 to 25%
export: 10 to 25%

MANAGER
Jean-Louis B VERBRUGGE
Chairman

VINOIS CARROSSERIE



349, avenue de Floha
62680 MÉRICOURT
Tel +33 (0)3 21 40 61 62
Fax +33 (0)3 21 40 71 17
www.carrosserie-vinois.fr
carrosserie-vinois@wanadoo.fr



Since 1989, we have been supplying professionals in the automotive and heavy transport industries (bus operators, manufacturers).

BUSINESS ACTIVITIES
Services

SITES OUTSIDE FRANCE
No

SITE CREATION
1989

CLIENTS
Benalu, Van Hool,
Mercedes, Bova, Irisbus

WORKFORCE (FTE)
40

DESIGN OFFICE
No

COMPANY TIER
Tier 1

TURNOVER
€3M

COMPANY
French

automotive sector: over 75%

MARKETS
France

export: less than 10%

MANAGER
Patrick VINOIS
CEO

WTX AUTOMOTIVE

Experts in fluid transfer



44, rue d'Avelghem
BP427
59058 ROUBAIX Cedex 1
Tel +33 (0)3 20 89 67 67
www.wtxautomotive.com
contact@wtxautomotive.com



WTX, formerly Westaflex, is an automotive supplier employing 300 staff in the region. The turnover achieved locally reached 50 million euros in 2011. The company was founded in 1958 in Roubaix by the LEPOUTRE family. Since 2007 it has belonged to the Japanese group Maruyasu Industries. Its business focuses on the design and manufacture of systems for fluid transfer in engines. Its metal division, WEVISTA, specialises in making steel and stainless steel pipes. These are used for the transport of exhaust gas, air, water, oil and fuel. Another entity, WECOSTA, develops acoustic parts and multi-layer ducts. These are designed for air intake in automobile engines, cooling batteries on hybrid vehicles and for thermal protection. The manufacturing processes used are: hydroforming, bending, shaping, welding and joining. Added to which are thermo-compression, rolling and sticking for the pipes produced by WECOSTA. A European branch of the Maruyasu group, WTX is backed up by the global network of its parent company's SITES OUTSIDE FRANCE, to support the development of its customers. The company's strategy is firmly focused on growth and competitiveness. The key strategies implemented are: optimising products and processes, innovation, integrating added value and building partnerships.

Patrice PETITJEAN
General Director

BUSINESS ACTIVITIES

Design and manufacture of metal and plastic pipes

SITE CREATION

1958

WORKFORCE (FTE)

300

COMPANY TIER

Tier 1, 2 and above

COMPANY

French

MARKETS

Europe

SITES OUTSIDE FRANCE

No

CLIENTS

Renault, PSA, Nissan, Daimler, Jaguar, Land Rover

DESIGN OFFICE

Integrated

TURNOVER

€50M

automotive sector:

over 75%

export:

25 to 50%

MANAGER

Patrice PETITJEAN
General Director

YANARA TECHNOLOGIES

Design, calculation and manufacture of high-performance composite assemblies



9 avenue Marc Lefrancq
59121 PROUVY
Tel +33 (0)3 61 25 07 73
www.yanara-technologies.com
info@yanara-technologies.com



Yanara Technologies specialises in the design, structural analysis and manufacture of high performance composite material parts.

It has in-house expertise from cutting-edge fields such as Formula 1 and aerospace so that it can offer its customers comprehensive services, from the design through to the production of high-performance composite parts and assemblies in its Prouvy workshops.

Very active in the sports car sector, Yanara also works in other industries, particularly automotive mass production.

In general terms, the company offers its customers support in their strategy to move from metal towards composites.

Remembering that, by integrating and taking into account the specific nature of the composites from the pre-project phases, they are able, with iso-mechanical performance, to make very substantial reductions to the mass assemblies and sub-assemblies of previously metallic design.

BUSINESS ACTIVITIES

Design / Engineering
/ Testing, Moulds and
tooling, Composites,
Other

SITES OUTSIDE FRANCE

CLIENTS

SITE CREATION

DESIGN OFFICE
Integrated

WORKFORCE (FTE)

TURNOVER

COMPANY TIER

automotive
sector: 50 to 75%
export:

COMPANY

MANAGER
Enrico CERBO
Chairman, Technical &
Production Manager

MARKETS

France, Benelux

ALPHABETICAL INDEX OF COMPANIES AND CORE BUSINESS ACTIVITIES

• ASSEMBLY

• CAPITAL GOODS

• RUBBER

• COMPOSITES

• MANUFACTURER

• ELECTRICITY
• ELECTRONICS

• STAMPING

• STUDIES, ENGINEERING,
• TESTS

• FASTENING SOLUTIONS

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11 ABYSEN SIGMA

12 ADES METROLOGY

13 AGRATI

14 AKEBONO

15 AMS

16 AQUARESE INDUSTRIES

17 ARETEC INGENIERIE

18 ARRAS MAXEI

19 ARTOIS PLASTIQUES

20 ASCOMETAL

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21 BARON

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25 CARNIERE ET DEFOSSEZ

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- SMELTING

- IRONWORKS
- IRONWORKS

- INJECTION EXTRUSION
- MOULDS AND

- EXTRUSION
- MOULDS AND TOOLS
- SERVICES

- SERVICES

- TEXTILE

- THERMOFORMING
- FOAMING
- SURFACE TREATMENT

• SURFACE TREATMENT

• MACHINING

- OTHER

[illegible]

		• ASSEMBLY	• CAPITAL GOODS	• RUBBER	• COMPOSITES	• MANUFACTURER	ELECTRICITY • ELECTRONICS	• STAMPING	STUDIES, ENGINEERING, • TESTS	• FASTENING SOLUTIONS	
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• SMELTING
• IRONWORKS
• INJECTION EXTRUSION
• MOULDS AND TOOLS
• SERVICES
• TEXTILE
• THERMOFORMING
• FOAMING
• SURFACE
• TREATMENT
• MACHINING
• OTHER

• Engineering

•
• Design and manufacture of refrigerated bodywork

• Sheet metal, plastics injection, textile technology
• Printing adhesive film

• ASSEMBLY

• CAPITAL GOODS

• RUBBER

• COMPOSITES

• MANUFACTURER

• ELECTRICITY
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• SMELTING
• IRONWORKS
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• MOULDS AND TOOLS
• SERVICES
• TEXTILE
THERMOFORMING
• FOAMING
SURFACE
• TREATMENT
• MACHINING
• OTHER

Software and systems for dimensional metrology

Injection

Custom die cutting of expanded polystyrene, moulding of cellular foam

• ASSEMBLY
• CAPITAL GOODS
• RUBBER
• COMPOSITES
• MANUFACTURER
ELECTRICITY
• ELECTRONICS
• STAMPING
STUDIES, ENGINEERING,
• TESTS
• FASTENING SOLUTIONS

L

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- SMELTING

- IRONWORKS
- IRONWORKS

- INJECTION EXTRUSION
- MOULDS AND

- EXTRUSION
- MOULDS AND TOOLS
- SERVICES

- SERVICES

- TEXTILE

- THERMOFORMING
- SURFA
- TRF

• SURFACE TREATMENT

• MACHINING

- OTHER

- Boilerwork, milling, boring, large scale mechanical assembly

- Welding and bending

- Painting

- Transport, logistics

- 3D testing

- Automotive supplier for engine cooling and air conditioning

• ASSEMBLY

• CAPITAL GOODS

• RUBBER

• COMPOSITES

• MANUFACTURER

• ELECTRICITY
• ELECTRONICS

• STAMPING

• STUDIES, ENGINEERING,
• TESTS

• FASTENING SOLUTIONS

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73 OGURA SAS

74 ONDULYS EMBALLAGE

75 OPMM DE L'ARTOIS

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77 PEINTAMELEC INGÉNIERIE

78 PIRUS COMPOSITES

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79 PROMENS FRANCE

80 PSA PEUGEOT CITROËN

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81 RENAULT DOUAI

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83 REYDEL AUTOMOTIVE

84 REYDEL AUTOMOTIVE

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85 SAGAERT PLASTIQUE

86 SAMBRE MECA

87 SANOH EUROPE

•

• SMELTING
• IRONWORKS
• INJECTION EXTRUSION
• MOULDS AND TOOLS
• SERVICES
• TEXTILE
THERMOFORMING
• FOAMING
SURFACE
• TREATMENT
• MACHINING
• OTHER

• Packaging and services

• Automated handling, assembly stations and control of

• Rotational moulding

• Precision engineering, design, maintenance, assem-

• Injection and overmoulding

• Bending

• ASSEMBLY

• CAPITAL GOODS

• RUBBER

• COMPOSITES

• MANUFACTURER

• ELECTRICITY
• ELECTRONICS

• STAMPING

• STUDIES, ENGINEERING,
• TESTS

• FASTENING SOLUTIONS

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• SMELTING	• IRONWORKS	• INJECTION EXTRUSION	• MOULDS AND TOOLS	• SERVICES	• TEXTILE	• THERMOFORMING • FOAMING	• SURFACE • TREATMENT	• MACHINING	• OTHER	
			•	•			•	•	•	Textiles / carpet
		•								
				•						
				•			•			
									•	Design and manufacture of metal and plastic pipes
									•	Design

LABORATORIES

NORD-PAS-DE-CALAIS

Introduction



The purpose of this directory is to list all institutions in the region related to the automotive industry. Among these institutions, the academic world - represented by its research laboratories - provides the ideal context for developing new concepts in the form of public-private partnerships, then evaluating their performance and ultimately, innovating to remain competitive.

For numerous laboratories in the region, listed in this directory, the practical implementation of their research occurs in the field of transport, including the automotive industry.

Most are united under CISIT, the flagship project of the Nord-Pas de Calais CPER (a state-regional contract for projects) for 2007-2013 (www.cisit.org) with the aim of addressing one of the major challenges of the 21st century: the sustainable mobility of people and goods.

This interdisciplinary campus brings together the skills needed for developing research into industrial innovation, training the experts and responding to

the societal and economic challenges of tomorrow's vehicles and transport systems.

Three research institutes, six higher education and research institutions, and three technological development centres have supplied CISIT with human resources (approximately 190 FTE) and technology platforms from twelve of their laboratories.

To bring its objectives in line with industrial priorities, CISIT has identified four main strategic goals, broken down into projects (next page).

We hope that this book will help you identify important skills and expertise, and that it will be a good tool for making contacts, promoting fruitful exchanges and helping you to develop your innovative projects.

Eric MARKIEWICZ,
CISIT Coordinator

The four major strategic goals of the CISIT, broken down into projects



Optimal management of multimodal chains

Making mass transport systems (people or cargo) more efficient in terms of cost and environmental impact.



New challenges for clean, lightweight and safe vehicles

Designing cleaner, more efficient and more sustainable vehicles while maintaining an optimum level of safety and reliability.



Smart, safe and secure mobility

Promoting smart mobility and the intelligence of embedded systems, taking into account the constraints of dependability and security.



Morpho-adaptive safety and human factors

Integrating human factors into safety and mobility through biomechanics, psychology and the ergonomics of systems suitable for people with reduced mobility.

CITC - EURARFID

EuraRFID - Centre of Innovation for Contactless Technologies



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CITC-EuraRFID is a centre for resources and expertise in the field of contactless technologies and the Internet of Things, and is approved by the French Research Tax Credit.

CITC-EuraRFID takes collective action for the integration of RFID technology in order to improve supply chains.

EXPERTISE

- RFID, NFC, sensor networks, wireless technologies: WI-Fi, bluetooth, etc., IEEE 802.15.4, ISO 18000
- Design, characterisation and prototyping of contactless solutions for traceability in the production chain and on-board equipment.
- R&D studies, pre-qualifications
- Experimental tests, test plans, scenario testing
- Analysis of Electromagnetic Compatibility
- Training

PROJECTS/INDUSTRY REFERENCES

- Project for tracking equipment products in the supply chain using RFID (UHF)
- Measurement and characterisation of RFID (HF) antennas and optimisation of reading/tracking throughout the chain

MATERIALS AND EQUIPMENT

- RFID measurement and test bench
- Contactless sensors measurement and test bench
- Antenna design tools



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EXPERTISE

Composites, textile preforms for structural parts, Crash worthiness and impact response of textile structures, 3D reinforcements for thick parts.

PROJECTS

Image 1: "Corner fittings" carbon preform.

Image 2: "Interlock" weaving loom. Crash worthiness of interlock structures.

Image 3: Preform stiffeners and thread placement modelling.

INDUSTRY REFERENCES

CETIM Nantes, PSA, Volvo Trucks, ARIA Npdc, ESI.

MATERIALS AND EQUIPMENT

Interlock weaving loom, equipment for characterising textile preforms, fibre placement test benches.



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EXPERTISE

Fields of micro-electronics and nano-manufacturing, application of micromechanisms, manufacture of components for micro-electronics.

PROJECTS

- Transistors, telecommunication devices, sensors, micro-vibromotors, micro-immobilisers, AFM lever, etc.
- Materials and nanostructures, microtechnologies & microsystems, micro and opto-electronics, circuits and telecommunication systems, acoustics

INDUSTRY REFERENCES

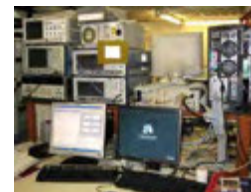
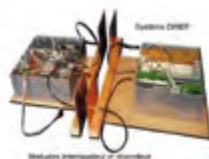
Thalès, OMMIC, IREENA, LOAVITE, Incubateur de Basse Normandie, CSEM, MC2, ONERA, RIBER, Saint-Gobain Recherche, AC2E, etc.

MATERIALS AND EQUIPMENT

Metal deposits, metal engraving, lithography ... heavy equipment.



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EXPERTISE

A public science and technology institution covering the fields of transportation and construction, helping rise to the challenges currently facing our urban societies with regard to climate change, and to sustainability issues in general.

Research in the field of ICT contributing to the emergence of new applications for communication, tracking and monitoring (passenger compartment, transport right-of-way, road and track) in the rail and road sectors, in order to contribute to the development of safe, effective transport accessible to all. This research includes problems related to Electromagnetic Compatibility

PROJECTS/INDUSTRY REFERENCES

- The ANR PLATA (multi-standard telematics platform for automotive vehicles) project aims to improve vehicular communication systems.
- ANR PRIMA CARE project: Prevention of Road accidents through a combination of Intelligent radar Multi-sensors and dynamic management of sound Alerts according to the Risk Encountered.
- ANRT VELO Project: inter-vehicle communication and precise relative positioning" aiming to develop an Ultra Wideband radar at 79 GHz, with low speed communication (6-7 Mbps in 4 GHz band) by pulse modulation

Main collaborations with industrial groups and transport operators: BMW, VALEO, Siemens SAS Mobility, Thales communications, ST Microelectronics, CEA, Autocruise, Mitsubishi Electric research centre France, A-VOLUTE, INFODIO, M3SYSTEMS, RATP, VEOLIA...

MATERIALS AND EQUIPMENT

- 1 equipped laboratory truck,
- 4 fully instrumented laboratories.
- 1 calculation cluster.
- High-performance simulation tools: SE-NAV, HFSS, WIPLD, CST, OPNET, RTMAPS.



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EXPERTISE

The Inria Lille - Nord Europe research centre, known for its strong involvement in the socio-economic development of the Nord - Pas-de-Calais region, is continuing its approach of ensuring proximity to large companies and SMEs. Thus promoting synergies between researchers and industry, Inria is committed to the transfer of skills and expertise in digital technologies and provides access to the best European and international research to the benefit of innovation and businesses, particularly on a regional scale.

Developing innovative software for trade and logistics, modelling a living cell or plasma fusion, developing medical simulators and interfaces facilitating interaction between human and machine: Inria research provides new perspectives in our current usage and allows a better understanding of the natural phenomena that surround us.

PROJECTS

In partnership with the PICOM Competitive Cluster, Ports de Lille has launched the CMDU project (Multimodal Centre for Urban Distribution). The aim of CMDU is to offer an environment for new urban logistics, based on sharing, optimisation and coordination of deliveries to sales outlets and shops located in the city centre. Five Inria teams, including Fun in Lille, are partners of the Equipex FIT (Future Internet of Things), which will test very large-scale future internet technologies, largely based on communicating mobile objects or objects embedded in vehicles.

INDUSTRY REFERENCES

Inria is establishing long-term collaborations with large industrial groups thanks to more than 80 industrial partnerships. These partnerships combine research objectives and industrial interests. They allow Inria researchers to compare

current major industrial issues and create lasting relationships with partners from the world of business: Alcatel-Lucent, EDF R&D, France Telecom - Orange Labs, STMicroelectronics, Bull, Andra...

MATERIALS AND EQUIPMENT

The technology and experimental platforms of the Inria Lille - Nord Europe research centre demonstrate the wealth and expertise of the work conducted by the research teams: sensor networks, supercomputing, images, virtual reality and interaction, and so on. Inria also has a presence within the EuraTechnologies ecosystem on a unique 200 sqm plateau, which presents the work of research teams.



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EXPERTISE

Design of the entire electric motor/power electronic converter system, taking into account the restrictions imposed by control, and reducing the constraints of machine design through specific testing. Batteries, supercapacitor, fuel cells storage.

Energy management in electric and hybrid structures. Optimisation of dynamic response and power consumption. Recharging and discharging storage systems. Consideration of reversible energy.

PROJECTS/INDUSTRY REFERENCES

- Traction motor design,
 - energy management of hybrid vehicles,
 - hybrid electrical energy storage systems.
- The L2EP laboratory collaborates with major industrial groups in the automotive sector: PSA, Valeo, Renault, Nexter, and more.

MATERIALS AND EQUIPMENT

"Electricity and Vehicles"

Experimental platform:

Use: control testing on existing vehicles

Field: marketed vehicle

Scale of use: single

Equipment:

- BHE-Motion Electric bike
- BHM E-Road Electric scooter
- Tazzari Zero Electric car

"Distributed Energy" Technology Platform.

Objective: to study the behaviour of future electrical networks. As such, it enables the study of charging terminals with simulation of storage systems using batteries (in charging mode). Interfacing with a real-time simulator allows the study of distribution networks in urban, peri-urban and rural environments.



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Director: Professor Philippe VANHEEGHE
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EXPERTISE

LAGIS's scientific activities are characterised by basic and applied research in the following fields:

- information processing,
- signal processing, statistical processing and observation,
- systems design, control, identification, fault tolerance, logistics systems.

The main areas of application are:

- transport, health engineering
- systems for production of goods and services,
- energy

These research activities are developed within 5 teams:

Methods and Tools for Integrated Design Systems team (MOCIS).

Supervisor: Belkacem Ould Bouamama, Professor at Université Lille 1.

Logistical Systems Optimisation (OSL) Team.

Supervisor: Slim Hammadi, Professor at the Ecole Centrale de Lille.

Signals and Image (SI) team.

Supervisor: Emmanuel Duflos, Professor at the Ecole Centrale de Lille.

The Nonlinear and Delay Systems (SyNeR) team.

Supervisor: Thierry Floquet, CR1 (HdR) at the CNRS.

The Fault-Tolerant Systems (STF) team.

Supervisor: Vincent Cocquempot, Professor at Université Lille 1.

PROJECTS/INDUSTRY REFERENCES

Projects: Intelligent Transportation for Dynamic ENvironment (InTraDE) for the loading and unloading of containers in confined spaces.
<http://www.intrade-nwe.eu/>

MATERIALS AND EQUIPMENT

TRAVEL (Train de Véhicules Intelligents) is a platform based at the Ecole Polytechnique Universitaire in Lille. It is used for teaching and research at the LAGIS laboratory in the field of intelligent transport systems (ITS). A simulator of land vehicle dynamics, CALLAS software from the company SERA CD and a real-time 3D Simulator



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EXPERTISE

Research into Automation, Mechanics, Information Systems

PROJECTS/INDUSTRY REFERENCES

Electric and hybrid vehicles, engine test benches, crash test benches, materials and structures, biomechanics of shock and trauma, driving simulator, support for people with reduced mobility (PRM), embedded systems for positioning and detection, hypo vigilance, low-speed automation, optimisation of vehicle routing, Human Machine Interface, traffic management ...

Renault, PSA, Toyota, Valeo ES, Visteon, Jtekt, Continental, and more.

MATERIALS AND EQUIPMENT

- Driving simulator with six degrees of freedom.
- Crash/Impact - Damage/Fracture Platform (Catapult, Drop towers, Split-Hopkinson pressure bar, fast cylinder, ultra-fast video and field measurements).
- Safety Platform (Pedestrian impact bench, Catapult, Crash Dummies, fast video, room for experimenting on anatomical sections and post-mortem human subjects).
- 3D gesture analysis system for vehicle access for people with reduced mobility
- VOLHAND Platform - steering wheel for PRM
- Engine - engine test benches - and hybrid vehicles.



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EXPERTISE

- Cooperation, Images and Mobility
- Use of interactive graphics
- Wireless communications and small operating systems
- Distributed artificial intelligence; Multi-agent systems (autonomous programs able to work together)
- Development of methods and platforms to better produce large complex software (Software Engineering)
- Approach using standardised Software Components, "Model Driven Architecture"

PROJECTS/INDUSTRY REFERENCES

- Collaboration environments in graphics
- Force feedback
- Research on communicating mobile objects (e.g. smart cards, PDA) in mobile networks
- Expertise in smart card design (2 patents)
- Design of electronic tags (TAG), future barcodes for traceability of products (blood bags, etc.)
- The security of information contained or transmitted between communicating mobile objects



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EXPERTISE

GNSS signal processing
Navigation support systems
Secure navigation
Communicating navigation systems

PROJECTS

GNSS receiver for navigation software
Mapping navigators
Detection and tracking of vehicles for safety

INDUSTRY REFERENCES

ESA
CNES
IFSTTAR
Silicom

MATERIALS AND EQUIPMENT

- Instrumented vehicle (DGPS, INS, CAN Bus, Odometry)
- GNSS multipath multiband bitgrabber
- Lidar.



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EXPERTISE

The expertise of the LMCPA lies in technical ceramics for electrical, electronic, thermomechanical and biomedical applications from their synthesis to their development and characterisation, which is the laboratory's key strength. Its main research activities focus on bone substitutes based on controlled macro- and micro-porous calcium phosphates and bioglasses, new leaded and unleaded piezoelectric materials, and bulk parts and coatings that resist wear and corrosion.

PROJECTS/INDUSTRY REFERENCES

Testing and analyses on all materials, metallurgical expertise, material testing, characterisation of defects and background research, validation structural health of materials, product formulation and development,

determination of material properties, synthesis of ceramic powder, process development
Industry partners: Vallourec, Saint Gobain, Skf, Areva, Affival, Arc international, Babylliss, Nexans, Vesuvius, Ades, Delachaux, Erasteel, Allevard Rejna, SNCF, Atlas-Copco, Pirep, Jeumont électrique, Myriad, Carrières du Boulonnais, Arcelor.
Projects: PRISTIMAT, an Interreg IV Programme, TRANSMAT, a research project focused on the application of materials for transport, technological and economic intelligence.

MATERIALS AND EQUIPMENT

- Scanning Electron Microscope and EDS microanalysis, optical microscopy, confocal microscopy,
- Laser diffraction particle sizing and image analysis,
- Density measurement by Geopycnometer
- Ultrapycnometer, hydrostatic weighing, tapped density, measurement of cold and hot wettability

- Mercury Porosimetry, 2D roughness, measurement of specific surface area (BET),
- Thermogravimetric and differential thermal analyser (TGA/DTA) dilatometric analyser, completion of heat treatments in different atmospheres,
- Infrared Fourier transform spectrometer, X-ray diffraction, UV spectrometer,
- Measuring electric permittivity, heated or cooled,
- Mechanical testing of bending, tension, compression, hardness, "pin on disc" wear,
- Pilot workshop: Tape casting and plaster mould, firing and sintering oven, hydrothermal reactor and 4 to 50 litre glass reactors,
- Laser cutting and engraving, uniaxial or isostatic presses, crushers (turntable jars, planetary, cutter, jaw, attrition).

LML (CISIT)

Lille Mechanics Laboratory



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EXPERTISE

- Fluid mechanics, solid mechanics and civil engineering,
- Mechanical reliability of materials and structures,
- Tribological behavior of friction materials in braking,
- Thermomechanical behaviour of discs and pads.

PROJECTS

Feasibility of improved brake performance

INDUSTRY REFERENCES

Research grants with PSA Peugeot Citroën and Bombardier

MATERIALS AND EQUIPMENT

- Multiaxial test bench
- Micromachine for fatigue testing in-situ,
- Calculation methods,
- Boundary Layer Wind Tunnel,
- Braking tribometer.



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EXPERTISE

Research into energy and the environment: physicochemical study of fundamental processes, development of analytical methods (laser diagnostics, coupling), implementation of laboratory and semi-pilot reactors.

PROJECTS

- Laser diagnostics and chemical mechanisms: Flames, Clean Processes.
- Chemical Kinetics and Combustion in automobile engines.
- Homogeneous and heterogeneous atmospheric reactivity.
- Reformulation of automotive fuel
- How vehicle pollutants are formed and how they develop in the air
- Characterisation of soot emission from aircraft engines.
- Improved thermal treatment processes for polluted gaseous effluents.

Applications: engines, burners, aeronautics, air pollution, nuclear safety, health, environment, etc.

INDUSTRY REFERENCES

For over fifteen years, the Centre for Research and Innovation into Gas & New Energies (CRIGEN/GDF SUEZ) has been a partner of PC2A for developing tools to understand chemical combustion. Current concerns with regard to greenhouse gas emissions require consideration of the use of alternative fuels such as hydrogen. The development of reformers to be integrated into the engine block in order to form varying amounts of synthesis gas ($\text{CO} + \text{H}_2$ mixture) using fuel prior to injection opens up opportunities to reduce fuel consumption and pollutant emissions. Controlling the combustion of natural gas and combating the formation of pollutants is one of GDF SUEZ's major challenges.

MATERIALS AND EQUIPMENT

- Fast flow reactors, falling-film reactors, reactors self-stirred by gas jets
- Laser photolysis unit
- Pyrolysis incinerators
- Premixed and diffusion flat-flame burners
- Rapid compression machine
- Laser diagnostic techniques: infrared absorption by laser diodes, laser-induced fluorescence, Cavity Ringdown Spectroscopy, Laser Induced Incandescence,
- Raman and Rayleigh techniques, Laser Imaging
- Chromatographic methods of analysis: GC, GC/MS, HPLC
- Molecular beam, mass spectrometry, FTIR and UV-visible
- Codes for modelling reactive systems (combustion and air)
- Computer codes and data analysis

TEMPO (CISIT)

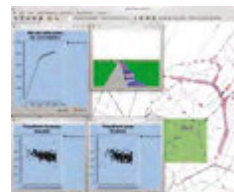
Heat Flow, Mechanics, Materials, Forming, Production

Université
de Valenciennes
et du Hainaut-Cambésis

Thermique
Écoulement
Mécanique
Matériaux
Mise en forme
PrOduction
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EXPERTISE

Serves the fields of Sustainable Transport, Materials for Sustainable Development.

PROJECTS/INDUSTRY REFERENCES

"AMI Véhicules - FDR - Projet Mhygale" Project. The aim of the project is to push the boundaries of hybridisation, currently reserved for a few specific vehicles, using new high power belt-driven starter-alternator technology.

A multi-physics (thermal, aerualic and electrical) approach to starter-alternators is addressed using experimental and numerical methods.

Optimising the cold consumption of motor vehicles. Using variable conductance heat pipes to improve the rise in temperature of the engine oil. Industry partners: Valeo Electric Systems, Renault

MATERIALS AND EQUIPMENT

Has three units for testing internal combustion engines:

Two of these units are equipped with dynamometers. The associated metrology (consumption, temperature, pressure, air intake, flow of coolant, etc.) and the recording of pressures in the cylinders help to establish comprehensive thermal assessments of the engines tested and the related components (radiator, RAS, heating circuit, etc.), which are necessary for optimising heat transfer from the engine and its cooling equipment.

A third unit is equipped with a single-cylinder electrically driven research engine with variable compression ratio thereby enabling the limits of the autonomous operation of the engine to be tested, particularly in the case of HCCI combustion. Using pressure patterns in the cylinder helps to define the laws of heat release during combustion and to observe the degradation of the combustion process.

TPCIM - ECOLE DES MINES (CISIT)

Department of Polymers and Composites Technology & Mechanical Engineering



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EXPERTISE

A multidisciplinary laboratory of 70 people (materials science, plastic processes, structural mechanics, rheology, thermal, physico-chemistry), and a member of International Campus on Safety and Intermodality in Transportation (CISIT), the TPCIM department offers (through its partnerships with the industry) an integrated "design-manufacturing" approach combining science and technology, based on analysis of "material-process-product" links:

- Optimised implementation of materials and manufacturing of industrial parts in polymers and composites
- Increased reliability of designing and controlling the sustainability of mechanical structures (organic, metallic, hybrid, etc.)
- Consideration of the issues of sustainable development (solutions generating reductions, energy savings, reduction of pollutant emissions, fossil fuel preservation)

PROJECTS

- FP5 TECABS Project (TEchnologies for Carbon fibre reinforced modular Automotive Body structures)
- FUI MATORIA Project (MATériaux d'Origine Renouvelable Innovants pour l'Automobile)
- FUI MATSIESA2 Project (Matériau de surface Innovant Ecologique pour le confort et la Sécurité Automobile)
- FUI LYCOS Project (Lightweight hybrid Composite Structures)
- FP7 MAPICC3D Project (One-shot Manufacturing on large scale of 3D up graded panels and stiffeners for lightweight thermoplastic textile composite structures)

INDUSTRY REFERENCES

Allevard Rejna Autosuspensions, Faurecia, Hutchinson, Inoplast, Mécaplast, Plastic Omnium, PSA, Renault, Valeo, Visteon, Volkswagen, Volvo.

MATERIALS AND EQUIPMENT

- Industrial machinery for manufacturing plastic and composite parts (injection, extrusion, coextrusion, compression, rotational moulding, thermoforming, SMC/BMC, RTM/infusion, filament winding and fibre placement, autoclave, etc.)
- Adaptable test benches for industrial parts under static and/or dynamic stress in a controlled thermo-hygrometer environment.
- Thermomechanical, rheological, physical, thermal, structural, dimensional, non-destructive analysis (dynamometers, shock-test machines, rheometers, viscometers, microscopes, DSC, TGA, FTIR, DMTA, EA, US, TIR, etc.)
- Calculation and multi-physics simulation codes, and computing cluster

TRAINING

NORD-PAS-DE-CALAIS

LES FORMATIONS

CENTRALE LILLE

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SCHOOL DESCRIPTION

The Ecole Centrale de Lille is a high-level engineering school in the top 15 engineering schools in France (established: 1854). Each year, 350 students graduate, and 12 to 15% of them enter into careers in the automotive industry.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

Several options prepare our engineering students for careers in the automotive sector, such as:

- advanced mechanics,
- production systems engineering,
- logistics (especially for OEMs) and
- electrical power.

In addition, our research teams regularly work with car companies on innovative projects. Research is associated with 6 laboratories (including 4 French National Centres for Scientific Research - CNRS) for which the Ecole Centrale de Lille shares guardianship with its partners.

Every year, the school signs industrial contracts with large car manufacturers.

CESI

CESI Arras



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www.cesi.fr

Contact

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SCHOOL DESCRIPTION

Trains technicians and engineers capable of adapting to changing work situations who are destined for positions in corporate management and project management in industry. Each year, CESI supports 26,000 students and employees of all ages in their professional development through 40 degree and diploma of higher education programmes, accessible through initial training, work-based learning, VAE (accreditation of prior learning), or lifelong learning.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

Among the numerous areas of expertise on offer, 4 qualifications in particular attract attention from the automotive industry:

- Management - Personal Efficiency
- Innovation and Project Management
- Quality - Safety - Environment - Sustainable Development
- Organisation and industrial performance

Each student follows an individual route in their education, determined by their career plans and adapted to the skills required in business.

ENSAIT

Ecole Nationale Supérieure des Arts et Industries Textiles



2 allée Louise et Victor Champier
BP 30329
59056 ROUBAIX CEDEX
Tel +33 (0)3 20 25 64 64
www.ensait.fr



SCHOOL DESCRIPTION

ENSAIT trains nearly 70% of French textile engineers and 15% of European textile engineers, through traditional training and work-based learning.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

Whether decorative or technical, textiles are a highly visible element of transportation, such as in our cars.

To create progress in this area, the school offers specialisations in Technical Textiles and Advanced Materials (TTMA).

Our school has links with major companies through specific partnerships including Toyota, Faurecia, Renault, PSA, and Mercedes.

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59046 LILLE CEDEX
Tel +33 (0)3 20 62 22 14
www.ensam.eu/fr/centres_et_instituts/centre_lille

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Contact

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SCHOOL DESCRIPTION

Founded in 1900, the école nationale d'arts et métiers (national school of arts and crafts) in Lille participates in training engineers.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

The Arts et Métiers Paristech - Lille centre - offers a range of expertise in the 3rd year of Land Transport Vehicle Engineering (or "TETRA"). Similarly, the Specialist Masters in "Electric Vehicle Engineering" allows students to learn the technologies needed to design vehicles of the future.

These courses rely on two technology platforms:

the Agile Plant technology platform (digital tools and innovative processes on an industrial scale) and the Distributed Energies platform (impact of distributed generation in power networks, embedded network issues and design of electrical machines).

SCHOOL DESCRIPTION

Trains engineers with a strong international outlook, ENSIAME currently has over 1000 students, including 750 engineering students. It is a public engineering school recognised by the Commission des Titres d'Ingénieur since 1979 and holds the EUR-ACE label.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

The training curriculum includes various subjects related to the automotive industry: Structural dynamics, crashes, acoustic and vibroacoustic analysis, transport aerodynamics, propulsion of land vehicles, mechatronics and embedded systems, modelling and optimisation of production systems, maintenance of electrical systems, logistics and production.

As well as these engineering courses, ENSIAME offers:

- A Transportation course in English, with an international focus.
 - A Specialist Masters in railway and urban transport networks.
- Over 65% of graduates join the transportation industry, mainly in the automotive sector but also aerospace and rail.

HEI

Hautes Etudes d'Ingénieur



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www.hei.fr

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ICAM



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BP 10079
59 016 LILLE CEDEX
Tel +33 (0)3 28 38 48 58
www.icam.fr

Contact

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Tel +33 (0)3 20 22 61 61
juliette.vallee@icam.fr



SCHOOL DESCRIPTION

training open-minded and humanistic engineers able to listen to others, with an international profile and managerial approach. Its mission is threefold: initial full-time training, through work-based learning or continuous education, research, and relations with the corporate world.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

The HEI (higher engineering studies) curriculum allows students to gain professional experience in their 4th and 5th years. Of the 11 areas on offer, some correspond to the automotive sector: Mechanical design, Electrical and automated power systems (embedded systems), Mechatronics, etc. Students in the 5th year complete an Eleven Week Project (practical project based on a real business or laboratory-related issue, entrusted to the school).

SCHOOL DESCRIPTION

For more than 110 years, ICAM (Institut Catholique d'Arts et Métiers) has been training engineers, preparing them to lead their own projects and take responsibility in their professional, personal and social lives.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

Icam has introduced a module on the subject of transport in its engineering courses, with contributions from professionals in the automotive industry. Today, one Icam engineer out of every ten works in the automotive industry.

Furthermore, Icam's expertise means it can support businesses and carry out work on their behalf involving innovation and technology transfer, in areas including: structural engineering, fluid mechanics, electricity and embedded systems.

IPHC INGHÉNIA

Ingénieur productique



Chemin des Bourgeois - Tech 3000
59300 AULNOY LES VALENCIENNES
Tel +33 (0)3 27 51 34 71
www.iphc.fr

Contact
Stéphane BETTE



SCHOOL DESCRIPTION

Established 22 years ago, 3 year Industrial Automation Engineering training with work placements.
The degree obtained comes from the Ecole des Mines de Douai.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

Engineering students undertake their studies in many industrial sectors, including the automotive and parts manufacturing sectors.

ISD

Institut supérieur de design rubika



132 avenue du faubourg de Cambrai
59300 VALENCIENNES
Tel +33 (0)3 27 513 340
<http://rubika-edu.com/formations/isd-design>

Contact



SCHOOL DESCRIPTION

Created nearly 25 years ago, the ISD is an international design school (a Grande École) for design management and trains designers on its two courses: Industrial Design (degree level) and Design Manager (masters level)

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

A wide variety of creative professions is available at the end of the ISD's Transportation course: vehicle exterior design, vehicle interior design, under hood design (automotive), advance design, etc.
Opportunities lie in the automotive, rail, marine and air industries: Alstom, Bombardier, Renault, PSA, Faurecia, Visteon, Delphi, Johnson Control, SNCF, RAPT, Benetteau, Wauquier, Zodiac, Ferrari, Bentley, BMW, AUDI, VW, Mercedes, Ducati, Piaggio, BRP, etc.

ISTV



Institut des Sciences et Techniques de Valenciennes

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www.univ-valenciennes.fr

Contact

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SCHOOL DESCRIPTION

Preparation for careers in Science and Technology.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

EICET degree: Electronics, Information Technology, and Embedded Communication Systems applied to Transport
ADLOT MASTERS: Decision Support in Logistics and Transport
2AHMy MASTERS: Hybrid Engines, Automated and Automotive Technology

MINES DOUAI



Ecole des Mines de Douai

941 rue Charles Bourseul
BP 10838
59508 DOUAI CEDEX
Tel +33 (0)3 27 71 20 50
www.mines-douai.fr

Contact

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marc.bonpain@mines-douai.fr



SCHOOL DESCRIPTION

Trains engineers, managers, and operational staff in a specific field (through majors and options), and with a dual area of expertise (through preparation for corporate roles: R&D, logistics, purchasing, etc.).

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

Many subject majors and options relate to areas connected to the automotive sector:

- Intelligent vehicle systems,
- Industrial engineering and sustainable development,
- Environment and Industry,
- Manufacturing,
- Mechanics,
- Quality,
- Plastics...

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Tel +33 (0)3 28 76 73 00
www.polytech-lille.fr

Contact

Jean-Bernard TRITSCH, Head of Department
Department secretariat:
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secretariat.cm@polytech-lille.fr



SCHOOL DESCRIPTION

Training 'engineer-architects' in the design of mechanical systems. The sectors concerned are mainly those of transport and energy.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

Engineers can focus on increasingly multi-physics related issues associated with modern mechanical systems:

- Power transmission / hybrid and electric vehicles / sustainable transport
- Fluid-structure interaction (aerodynamics, etc.)
- Thermo-mechanics (braking systems, thrusters, etc.)
- Interfaces with information and control systems (servo systems, etc.)
- Choice of advanced materials, reliability of mechanical components, mechanical systems architectures,
- Recommendation of suitable means of production ...

Filière Génie Industriel & Logistique
Technoparc Futura
62400 BÉTHUNE
Tel +33 (0)3 21 63 71 24

Contact

Alain MALESYS
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alain.malesys@univ-artois.fr
Tel +33 (0)6 37 75 48 52



SCHOOL DESCRIPTION

It offers higher education qualifications (degree and master's level) in Industrial Engineering and Logistics Engineering

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

The professional degree in Computer Aided Design and Numerical Modelling trains senior technicians in mechanical engineering; the Innovation & Methods Design Master's degree covers engineering and method management professions, ranked among the ten best Masters in its class in the SMBG ranking (www.meilleurs-masters.com) and the Global Logistics Master's degree, labelled ITrans, which covers all logistics professions in different sectors and especially automotive logistics. Students are trained in the MMOG/LE system in partnership with GALIA, in lean-manufacturing management, automotive logistics, CATIA, ANSYS, maintenance, and more.

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SCHOOL DESCRIPTION

This university trains engineers planning to work in the industry, and every year supports 1000 students and employees of all ages in their professional development through 36 degree and diploma of higher education programmes, accessible through initial and continuous training, through work-based learning or VAE (accreditation of prior learning).

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

3 qualifications in particular attract attention from the automotive industry:

- Professional Engineering Degree, specialising in Thermal Engines and Acoustic Vibrations
- "Engines and vehicles of the future" module in 2nd year of Mechanical engineering and industrial automation
- "S2T-Holography and Laser Vibrometry" Technology Transfer Laboratory

Extensive research in photomechanical instrumentation for non-destructive testing of processes and materials:

- Laser scanning vibrometry and holography for non-destructive testing
- Vibro-acoustic and thermal measurements

Cité Scientifique, Bâtiment P2
59655 VILLENEUVE D'ASCQ CEDEX
<http://master-ase.univ-lille1.fr/>

Contact

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Chantal DELHON, Pass'pro
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SCHOOL DESCRIPTION

Lille 1 University is a leading centre of scientific and technological expertise nationally and internationally. With a focus on future challenges, its laboratories are equipped with extremely high-level scientific equipment and technology platforms. Lille 1 has structured its research around eight key areas: Information and Communication Science and Technologies, Biology and Biotechnology, Chemistry and Materials, Environment, Humanities and Social Sciences, Engineering, Physics and Mathematics. Training courses at the highest level of excellence. Lille 1 offers more than 200 degrees in science and technology; economics, management, human and social sciences. Its goal is to train students from degree to PhD level and promote access to lifelong training. For over 20 years, the University has been committed to a strategy of support for job seekers, employees and businesses in the face of economic change.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

Some examples of masters offered at Lille 1: industrial systems engineering, electric power and sustainable development, automation and electrical systems, mechanics, mechanical engineering, engineering and management, etc.

UNIVERSITÉ LILLE1

Master's degree in ASE, E2D2 & Industrial and Systems Engineering

Cité Scientifique, Bâtiment P2
59655 VILLENEUVE D'ASCQ CEDEX
<http://master-gsi.univ-lille1.fr/>



Contact

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Alain BOUSCAYROL, head of the "ASE" master's

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Betty SEMAIL, head of the E2D2 Master's

Tel +33 (0)3 20 33 54 59, Betty.Semail@polytech-lille.fr

SCHOOL DESCRIPTION

Master's degree in Industrial & Systems Engineering

Training specialists in fields related to industrial production: managing production plants, ensuring product quality, optimising processes, protecting the environment. Specific features related to the automotive industry: production - maintenance, quality measurement instruments, industrial computing systems (onboard vehicle systems and production tools)

ASE Master's and E2D2 Research Master's

Training specialists in fields related to the production, transport and storage of electrical energy, its most efficient use as a contributing factor to energy and environmental problems.

SPECIFIC FEATURES RELATED TO THE AUTOMOTIVE INDUSTRY

- Electrical Energy Network Management, this specialist subject is available in two options, one of which concerns embedded systems on autonomous vehicles (electric or hybrid vehicles)

- Energy and sustainable development, design, dimensions and optimisation of electric actuators and associated subsystems (converters, storage elements) for the engine.

Thanks

First and foremost, we would like to express our gratitude to all the companies, laboratories, research centres, schools and training centres that have helped us with this book. Their contributions have enabled us to release the first sufficiently representative version of the Nord - Pas de Calais automotive industry directory. Of the 130 companies most closely involved in the automotive industry, 103 are represented in this book and we hope to add to this in the next issue.

We would also like to give our warmest thanks to the people who have contributed to making this document a reality, from establishing the database to gathering information, from creating the questionnaire to setting the layout of the book, not to mention the considerable work carried out in encouraging the participation of all those who feature in it. Special thanks go to Caroline, Johanna and Véronique for their exceptional judgement and remarkable determination.

Finally, we would like to remind readers that this book has been produced with the financial assistance of the state and the Nord-Pas de Calais Region and for this we express our gratitude.

This directory can be viewed online at www.poleautomobile-npdc.fr/annuaire, we will update it in stages and we are planning to publish an updated version every two years.

Despite our best intentions and the care taken with this work, it may be that we have forgotten some companies. If so, we ask them in advance to accept our apologies and suggest that they contact us without delay to include them in future editions.

Luc MESSIEN,
General Manager,
Nord-Pas de Calais Pôle Automobile



www.poleautomobile-npdc.fr

PÔLE
NORD - PAS DE CALAIS
AUTOMOBILE



june 2015
19€