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ALLIO GROUP: checking fixtures

CONTACT

Thibault BRIZIOU

Managing Director

Website:

<http://www.allio-romania.eu/>

Important data

Founded in 2007

42 employees

Exports since 2007

3 millions of euros of turnover

Export turnover: 1,6 millions of euros (54%)

Plants in France & Romania

Exports in :

Spain, Portugal, Czech Republic, Poland, Turkey, Russia, Mexico, Morocco ...

OUR PRODUCTS / SERVICES

- Checking fixtures (of all-sized plastic parts, metal, glass, welded assemblies)
- Lighting tooling
- Simple laying
- Gauges, control lig, Go-No Go
- Test frames (wear, breakdown..)
- Welding and assembly means
- 3D control and adjustment services
- Verification / Parts measurements



OUR OFFER

Specializing in design and manufacture of checking fixtures and production tools in the areas of automotive and aerospace as well as in other areas of Industry, ALLIO ROMANIA offers its customers, including well-known contractors, various services.

The Romanian subsidiary of ALLIO GROUP, located in modern premises on the Bucharest ring road, is specialized in design and manufacture of checking fixtures and production tools in the areas of automotive and aerospace. ALLIO ROMANIA offers its customers, including well-known contractors, tailor-made solutions and services of high quality. **ALLIO ROMANIA can also make prototype parts and models using different technologies in order to meet the needs of its customers.**

OUR SERVICES

FULL SERVICES from « specifications to adjustment » : 3D design, supplying and complete manufacturing, assembly, adjustment, 3D control.

DESIGN SERVICES only: 3D design, drawing

MANUFACTURING SERVICES only: according CAD, according drawing

CONTROL SERVICES only: Measurement, parts and tooling verification

COMPETITIVE ADVANTAGES

- *Experience of a French group*
- *Plant in Romania covering Central Europe (delivery every Friday)*
- *Recently acquired means of productions*
- *Skilled and competitive labour force*

CUSTOMERS RESERACHED

Customers' profiles: *Cars manufacturers & Automotive suppliers – Tier 2 & 3*

Contacts functions: *Purchasing*



AMD Décolletage: precision turning

CONTACT

Pierre MOUREY

Technical sales
Languages spoken

Certifications

ISO 9001
ISO 14001
ISO/TS 16949

Website:

<http://www.amd-decolletage.com>

Important data

Founded in 1978

*Production facility:
3500 m²*

90 employees

Export share: 90%

*Annual investment >
5%*

*Member of Savoy
International Group*

*Turnover: 23 millions
euros*

Exports in :

Germany, Eastern
Europe, Mexico, USA

OUR SOLUTIONS

PRECISION TURNING for various automotive applications:

- Shock absorbers
- Brake system
- Transmission
- Sensor system
- Fasteners
- Air bags
- Electric Vehicles components



OUR OFFER

Thanks to our Method & Industrialization team and extensive range of machinery (Multi/Single spindle CNC & Cam controlled machines), fully equipped control department with the latest state of the art measuring tools, we can meet your needs from prototype to serial production.

Moreover we are at your disposal to study your projects involving engineering and assembly in the field of precision turning.

We distinguish ourselves through our flexibility in term of manufacturing process, cost and our supply chain management.

Moreover , as member of [SAVOY INTERNATIONAL GROUP](#), we can offer the global solution to our partners by combining [Precision turning](#), [Stamping](#), [Plastic injection](#) and [Mechatronic activities](#)

Exemples:



COMPETITIVE ADVANTAGES

- | | |
|------------------------------|------------------------|
| - Price | - Quick delivery |
| - Know-how | - Investment each year |
| - Quality control department | - Certifications |

Customers / Partners researched

Customers' profiles: *Automotive sector, especially Tires¹; Industrial sectors*

Contacts functions: *Commodity Buyer, Purchasing Manager*

AS-SYSTEM



<http://www.assystem.com/en/home.html>

AS SYSTEM have developed unique know-how in **automotive engineering**. AS SYSTEM offer:

- **Safety & Systems Engineering**
- **Design of Components and Component Groups**
- **Stress Engineering and Numerical Validation**
- **Development of ECU Hardware Prototypes including Small Series Production**
- **Model-based Development of ECU Functions**
- **AUTOSAR & Virtual Integration**
- **Integration and Operation of Test Systems**
- **Model & Software Quality**
- **Supplier and Quality Management**

Marking



BVG: Marking punches

CONTACT

Michal Friedler

Languages spoken

Certification

ISO 9001

Website:
<http://www.bvgsa.com/en/308-automotive>

Important data

Founded in 1891

28 employees

3 millions of euros of turnover

Export turnover: 32%

Exports since 1957

OUR PRODUCTS

-Marking tools for presses, machines or to integrate in the production line (stencils/ by ink, striking, burning/hot marking, sealing /indetifying/hotel supply, engraving pens)

-Marking punches for stamping



OUR OFFER

Marking is essential for car component's traceability and identification. This sector requires a quality, resistant and sustainable marking. Several automotive components can be marked such as **chassis, engine crankcases, turbochargers, cables, and hoses by stamping.**

Expert in the manufacture and the engraving of all kind of marking punches (T-shaped, L-shaped, straight, groove or any other punch), we also do holders like **punch holders** to insert them in presses. We provide identification punches engraved with car manufacturer logos too. We are able to supply you machined and engraved parts according to your drawings and technical specifications. If you don't have any drawing, we will be by your side to make it. We also provide manual or automatic **numbering heads** as well as **stencils** for this sector.

Our main partners are sheet metal companies and automotive suppliers. As we are the exclusive supplier of PSA identification punches, our french company is among European leaders in the automotive field.

Link to catalogue: <http://www.bvgsa.com/medias/2017/01/1015-Catalogue%20automobile%20BVG%202017.pdf>

COMPETITIVE ADVANTAGES

- Professional quality
- Competitiveness
- Tailor made punches
- Experiences know-how (since 1891)
- Stamping punches reputed by stamping companies
- Czech distributor knowing the products and w/ Czech documentation



Exports in :

EU, Japan, Africa, China, Iran, Turkey, Norway, Switzerland

CUSTOMERS RESERACHED

Customers' profiles: Automotive industry companies, including stamping

Contacts functions: Purchasing director, Technical staff

CIFRA



http://www.cifra.fr/CIFRA_WEB/UK/index.htm

Cockpit carpet made in PVC: Heelpads and Heelmats

CIFRA PRODUCES in 3x8 hour shifts MILLIONS of kilometers of PVC and BAREX® for :

- Automotive
- Stationery
- Packaging



DELFINGEN: fluid transfer tubing

Contact

Ivan VALCHOVNIK

Plant Manager
Languages spoken



Certifications ??



Website:

<http://www.delfingen.com/>

Important data

Founded in 1954

2000 employees

Present on 38 sites in 20 countries

200 millions euros annual sales

11 millions euros turnover for Slovakian subsidiary

90% of turnover for export

Presence on the Paris Stock Exchange

Presence in :

USA, Brazil, Mexico, Germany, Turkey, Morocco, China, India, Thailand, EU, and more ...

Problematic within the sector

NEW TECHNOLOGIES are developed as a result of pressure to reduce costs, consumption (optimization of performances, reduction of mass and heat exchanges) and health risks and due to changes in regulations (pollutant emissions), types of fuel used (biodiesel, ethanol, gas...). With its expertise in the extrusion and processing of plastics, DELFINGEN designs and manufactures, in close collaboration with its customers, dedicated solutions to meet their vehicle fluid transfer needs.



Our offer

DELFINGEN offers automakers and OEMs, pipes and systems for carrying, filling, draining, transferring and distributing low pressure fluids.

Integrated from the design stage, DELFINGEN offers car manufacturers and OEMs, pipes and systems for carrying, filling, draining, transferring and distributing low pressure fluids.

For its mono and multilayer thermoplastic smooth and convoluted tubes with barrier films, DELFINGEN adapts the forming of its tubes to allow optimum routing of fluids in the restricted environment of the vehicle.

DELFINGEN also offers, as part of a process of co-development with its customers, fitting and assembly operations for complete systems combining tubes, connectors, inserts, collars and integrated functions.



Windscreen fluid filler tube



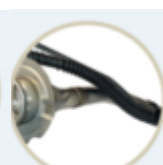
Particle filter systems



Selective Catalytic Reduction systems



Fuel delivery module tubes



Filler neck vent tube



Fuel liquid and vapor line

Partners / Customers researched

Partners' profiles: metal tool manufacturers in the form of an open tube, shaped in 3 and cut to ease the insertion of plastic tubes (and lime moulding)

Customers' profiles: Manufacturers of : windshield washer systems; cooling, ventilation and air conditioning systems; fuel lines, tubes for fuel tanks and pump modules; ventilation, vapors control; pneumatic controls; clutches, SCR system, additives ...

Contacts functions: Managing director, purchasing director

Tests, certification and qualification



Emitech, a french company unique in the world

“ You may don't know it, but when you use your personal computer, make a coffee, listen to music, travel by car, train, boat or aircraft or when you are at your workplace, you have probably used an electrical or electronic equipment tested by Emitech.

For each type of equipment, test requirements are specified to take into account a possible modification of performance as a consequence of the products environments.

Emitech services accompany our customers to satisfy these environmental requirements and indirectly all users of this equipment in their daily life.



From toys to aircraft's subparts, all electrical products need our services

The Emitech specificity is to support all the manufacturers, suppliers, importers or resellers of electrical equipments :

- **Certification** - Mandatory requirements before and/or during the marketing of products - general public, medical, industrial, telecom, ... like CE Marking for the European Market
- **Qualification** - Tests specifications fixed by a buyer to its suppliers such as automotive, military, aeronautical or space qualifications

We support you at every step of your project

Emitech provides three main services for a global performance :

- **Training courses**
- **Advice & Engineering**
- **Test laboratories in complementary fields**

We intervene at each step of your project from the initial research of the applicable test requirements for your product, to the global test campaigns with intermediary services like design assistance

17 Centres in France for worldwide services

The headquarter of the Emitech Group and its main laboratories are located near Paris. The different Emitech centres are located in the six main economic areas in France.

Every day, we support our customers from everywhere in the world for their products used all around the world.



CBTL
CB Scheme

TESTING
EN 17025
ACCREDITED
N° 1-0107, 1-0744,
1-0826, 1-0827,
1-1245, 1-1925,
1-2043, 1-2069,
1-2070, 1-2188,
1-2206, 1-2376,
1-2472 & 1-6086
ESSAIS
LIST OF SITES AND SCOPE AVAILABLE
ON WWW.COFRAC.FR



EMITECH
GROUPE



Our Activities

Certification, self-agreement, declaration of conformity, ...

Tell us what is your product and where you want to market it and we will tell you what type of requirement is to satisfy, what conformity assessment processes are to use and how our recognitions will optimize your costs and delays.

For more specific export markets and your access to marks of certification, Emitech works with its partner: Intertek.

Qualification is a demonstration that a product fulfill all the functions for which it was conceived.

Our specificity is to put all together the necessary know-how and test capacities to qualify onboard equipments with safety function.



Our Services

We help you to secure the costs and lead times linked to the environmental tests requirements.

Training courses - Understand, anticipate and solve

Advice & Engineering - From file analysis to technical / normative researches by design assistance

Test laboratories in complementary fields - The management of your test campaigns is optimized:

- ▶ ElectroMagnetic Compatibility - EMC
- ▶ Radio
- ▶ Electrical Safety
- ▶ Climatic and Mechanical
- ▶ Reliability
- ▶ Acoustic



Our representative test capacities

ElectroMagnetic Compatibility / Radio

- ▶ 37 shielding rooms - possibility of vehicle test
- ▶ 5 steering mode chambers F- 1G-TEM cell
- ▶ EMF & DAS measurements
- ▶ 3 open area test sites
- ▶ Emission DC - 40 GHz
- ▶ Immunity 10 kHz - 40 GHz: up to 1500 V/m CW, 10 kV/m pulsed
- ▶ Specific electrical tests equipment:
 - Rack 90 kVA on AC and DC mains from 50 to 800 Hz, power supply interruptions, electric (AC/DC) and climatic combined tests, low frequency immunity on power supply
 - Amplifiers, transformers, inductor and generator for aeronautical lightning tests

Physical environment

- ▶ **Low, medium and high frequency vibration**, 12 hydraulic shakers(200kN), 36 electrodynamic shakers (105kN), 2 piezoelectric shakers (50kN), 12 hydraulic cylinders, 2 earthquake benches, ...
- ▶ **Mechanical**, hydraulic cylinders (1500kN), shock machines, centrifuges, robot for endurance testing, ...
- ▶ **Climatic and physico chemical**, 70 climatic chambers (-100 to +300°C, RVT 20°C/min, thermal shocks), 7 salt spray chambers, contamination by fluids, UV, IP tests, ...
- ▶ **Hydraulic**, circulation fluid in pipes under pressure and temperature controlled
- ▶ **Acoustic**, CSA chamber, 3 reverberating rooms
- ▶ **Reliability**, HALT & HASS tests



About us

Because we consider us as a service business, we build our relationship with our customers around three keywords : **advice- reactivity- flexibility**

Our services support you in your daily life to secure the delay and costs linked to the certification/qualification of your equipments.

European market - CE marking,

Notified body for:

- ▶ EMC Directive - 2014/30/UE ex 2004/108/EC
- ▶ LV Directive - 2014/35/UE ex 2006/95/EC
- ▶ RED Directive - 2014/53/UE ex 1999/5/EC

North American market

- ▶ EMC/Radio: FCC Listed & Industry Canada recognition
- ▶ Electrical risks: ETL mark

Worldwide markets

- ▶ CB Scheme: Certification Body testing laboratory
- ▶ Marks of certification
- ▶ MRA - Mutual Recognition Agreements: Conformity Assessment Body

Unique EMC tests equipment,

- ▶ HIRF, emission
- ▶ Aeronautical lightning

Complementary fields

- ▶ Climatic & Mechanical
- ▶ Reliability

5 000 peoples have already followed one of our sessions

Technical staff secondment for missions of short or long duration

More than 18 000 days of test per year

Testing EN 17025 accredited, list of sites and scope available on www.cofrac.fr

- ▶ Guarantee of a third part laboratory (impartiality, autonomously, integrity)
- ▶ Traceability and metrology
- ▶ Technical validity
- ▶ Confidentiality

European regulation / worldwide markets

EMC standards

- EN 55022 / EN 55011 / FCC PART 15 / RSS 310 GEN EN 61000-4-(2, 3, 4, 5, 6, 8,11, 16 and 17)
- EN 61000-3-2 / EN 61000-3-3 / EN 61000-6-(1 to 4) EN 55013 / EN 55014-(1&2) / EN 55024 EN 61326 / EN 50130-4 / EN 60601-1-2
- EN 55155 / EN 50121-3-2 / EN 50121-4 / EN 60945 EN 301 489-xx / EN 300 339 / EN 300 385

Radio standards

- EN 300 220 / EN 300 330 / EN 300 440 / EN 300 086 EN 300 296 / EN 300 113 / EN 300 390 / EN 300 328 EN 300 442 / FCC PART 15 / RSS 210,310

Electrical safety standards

- EN / UL 60950 - EN 60065 - EN 61010, 61558 EN 60335-1, 60335-2-xx - EN 60598-1, 60598-2-x EN 60601-1, 61347-1, 60745-1

Qualifications

EUROCOPTER, DASSAULT, AIRBUS, BOEING, BOMBARDIER, PSA, RENAULT, NISSAN, ...

EMC Standards

RTCA DO 160, MIL STD 461/462, MIL STD 704, MIL STD 202, 810, 883, CISPR 12 and 25, ISO 7637, ISO DTR 10605, GAM EG 13, DEF-STAN, STANAG

Climatic and Mechanical standards

EN 60068-2-xx, ETS 300 019-2-xx, RTCA DO 160, GAM EG 13, MIL STD 810, NF X 41002, ...

Date of creation 1989

Legal status Public limitedated company

Share Capital 1 560 000 €

Subsidiaries Eurocem, Adetests, EnvironneTech, Dirac Technology and Pieme

Location 17 centres in France

17 500 m² principally for our test labs

Turnover 28,9 M€ for 2015

Employees 300 - 80% technicians & engineers



1. ERNST DECOUPAGE



<http://www.ernst.fr/index.php/en/industries/automotive>

Complete documentation:

https://www.ernst.de/images/de/content/download/Ernst_Image_Broschue_re_Englisch.pdf

Design and manufacture of high-precision formed parts for: Heating, ventilation, and air conditioning (HVAC), Transmissions, Automotive electronics / electric, Automotive safety, Exhaust technology. ERNST has been established in the automotive industry for decades.



EUROPE METAL FIL: Lean manufacturing

CONTACT

Fabien RICHARD
Managing director

Certifications

AFNOR

Website:

www.europemetalfil.fr

Important data

Founded in 2010
45 employees
35 millions euros of turnover
Exports since 2012

PRODUCTS

- Storage medium
 - Transport
 - Trailer
 - Logistics support
 - Crane trolleys
 - Custom manufacturing product
- ... and more



OUR OFFER

EUROPE METAL FIL is specialized in the manufacturing of supply chain solutions, from the supplier to the end-user, including transport, shop, railway station, milk run and line.

Europe Metal Fil manufactures **crane trolleys and towable** to optimize logistics flows in your plant or warehouse. The conveyance of parts and goods is done by a train (milk run) with different models of chassis beams. We also offer wire-mesh containers to stock your products and goods. Different types of finishes are offered: epoxy paint, zinc-plated CR3, painted electrogalvanized, galvanized.

You can also add accessories to cover and prevent losses: shelving units, label holders, vertical separators, dust covers, isothermal cover,

Machine tools: punching machine; tube cutting; wire cutters; tube bending machine; sheet metal folding machine; 3D wire folding machine & more...



INTERNATIONAL STRATEGY / COMPETITIVE ADVANTAGES

- Wide range of products
- Custom manufacturing
- Fast delivery
- Mastery of Lean Manufacturing tools

Exports in :
Europe, North Africa,
China

CUSTOMERS RESERACHED

Customers' profiles: All the companies with a production line (Automotive, Aerospace, Electronics, Agro-food industry)

Contacts functions: Methods, Logistics manager, Purchasing, Continuous improvement



FAVI LAITON: Aluminum parts & more

CONTACT

Benjamin RAMET

Sales Director

Website:

<http://www.favi.com/en/automotive/>

Certifications

ISO TS 16949

ISO 9001

ILO-OSH 2001

ISO 50001

Important data

Founded in 1957

Turnover : 71 millions euros

33 millions euros turnover with export

400 employees

31 employees working on R & D

Exports in :

14 countries: Germany, Latin America, China, Serbia etc ...

PRODUCTS

- single forks and complete gearbox control sub-assemblies
- braking systems & brass transmission shifting systems
- battery connectors/terminals & water pump turbines
- copper rotors
- **aluminum parts for automotive applications: supports, cooling systems, equipment parts (alternators, A/C compressors, water pump etc...)**



OUR OFFER

FAVI is a French foundry specialized in aluminum, brass and copper pressure die casting.

Well-known to produce high quality components (among others, shift forks for gearboxes, aluminum automotive components, battery terminals and copper rotors), our company is supplying parts to the major car manufacturers (PSA, Renault, VW, Audi, Fiat, GM ...).

Thanks to our high industrial know-how, we are able to develop new alloys and complete technical assembled solutions to satisfy your needs.

We also internally manufacture our tools and machines, what is a real advantage to industrialize your products offering you continuous improvement throughout the manufacturing process.

INDUSTRIAL KNOW-HOW

- R&D: *Researching and developing specific alloys, Developing innovative technologies, Developing and optimizing products and industrial processes*
- Product development: *Finite Elements Analysis, Rheology, prototyping in 3D*
- Product validation: *test laboratory*
- Industrial resources: *We manufacture foundry tools, cutting tools, machining, assembly machines and control devices*

Video link: https://www.youtube.com/watch?v=Wwt22_Tx6KQ

COMPETITIVE ADVANTAGES

FAVI is able to produce complete sub-assemblies, specific alloys according to customers' needs. FAVI can develop products, specific tools & special machines

Customers / Partners researched

Customers' profiles: *Automotive manufacturers & Car parts manufacturers*

Partners' profiles: *Industrial & Technology*

Contacts functions: *Technical director, Purchasing director*

Solutions



STEVA: cutting, stamping, tubing & more

CONTACT

Luc TESSIER
Sales director
Languages spoken

Certifications
ISO 9001
ISO/TS 16949
EN9100
ISO 14001
OHSAS 18001

Website:
<http://www.groupe-steva.eu/EN/>

Important data

450 employees

Turnover: 55 millions of euros in 2016

Export turnover : 35%

6 production plants (France, Poland, Mexico)

1 development center

Exports in :

Romania, Spain, Germany, Mexico, Poland, USA

PRODUCTS

- Cutting
- Stamping
- Tubing
- Assemblies
- Welding of metallix complex parts



OUR OFFER

Steva is a group specialized in cutting, stamping, assembly and welding of metal and aluminum parts. Featuring 50 to 2000 ton presses, versatile assembly and welding robots, Steva can stamp parts from a few centimeters to 2 meters and integrate operations such as nuts, screws, rings, crimping, welding, tappings ...

Multi slides presses, robots welding, cutting stamping, assembling, cutting stamping, transfer press, profiling, deburring, high speed presses, bending machines, brazing furnace, electric welding, tube end-forming, cells of robot welding, cells of automatic bending with robots..

Examples:



Video link: <http://www.groupe-steva.eu/EN/index.php>

COMPETITIVE ADVANTAGES

- Internationalization
- Industrial excellence & innovation
- Integration Intimacy with customer
- Investment

CUSTOMERS RESEARCHED

Customers' profiles: Important car parts manufacturers & tools manufacturers for stamping

Partners' profiles: Industrial partner & small sized companies specialized in stamping of metallic parts

Contacts functions: Purchasing manager



Hef – Dureferrit: the surface engineering group

CONTACT

Jan GERSTENBERGER

Executive

Certifications

ISO 16949

Website:

www.hef-durferrit.cz

Important data

Founded in 1953

HEF Group is present in 4 continents, 30 countries,

More than 1500 employees

172 millions of euros of turnover

Export turnover: 60%

OUR PRODUCTS

- **Bushings and joints**
- Vacuum deposits **PVD / PACVD**
- **Nitriding**
- **Treatment Salts**



OUR OFFER

The company HEF Groupe is a world leader in surface engineering, providing customers from the automotive industry complete service from basic research, through long term tests and industrial development to utilization of processes or components supply. The key areas are tribological research, ionic liquid nitriding, PVD a CVD coating and development and production of fiction components. 2/3 of all worldwide produced cars contain a parts with HEF technology.

HEF DURFERRIT is present worldwide with an international network to respond locally to your questions or problems and can offer, according to your need:

- **Advanced engineering and testing** to define the best technological choices with IREIS .
- **Products** to fit your needs.
- **Services** in the jobbing network TECHNIQUES SURFACES
- **A technology transfer**, incorporating the provision of equipment, consumables and staff training.
- **The establishment of dedicated industrial units** near your facility, integrating the treatment services in your industrial flows.



Exports in :

EU, Asia, North America
& South America

CUSTOMERS researched

Customers' profiles: *Car manufacturers & Automotive suppliers*

Contacts functions: *Purchasing, Technical*

Testing



IFTS: your partner in solid-liquid separation

Contact

Marion DALEX
Sales director

Certifications :
ISO 16232
ISO 9001
ISO 17025
COFRAC

Website:
www.ifts-sls.com

Important data

Founded in 1981

4.9 millions of euros of turnover

65% of turnover for export

50 employees

Two subsidiaries in USA & China

Exports in :
EU, USA, Latin America, China, India, South Arabia, Maghreb etc...

Our solutions *(control-click on each title for more information)*

Fluids / Powder Analysis
Test Benches Manufacturer
Training
Audit and expertise
Certification
Calibration
Components and fluids cleanliness classification / Parts cleaning



They trust us

Our offer

IFTS is the **European Reference Center** for particulate contamination management and also for filters efficiency and performance testing. For decades, we have been working in **close collaboration with car manufacturers**. IFTS provide guidance on all your projects in compliance with **standardized methods or specific specifications**. Among our most recurrent services, our team is used to conducting **filters performance testing, cleanliness tests and fluid analysis as well as solid-liquid separation's studies, on a daily basis**. Yet, we are just as able to manufacture custom-made equipment, should you request require so. As an independently regulated Testing Center, IFTS is **COFRAC accredited** for most of its testing services and measurements.

- **Filter tests and filter media (addressed to filter manufacturers)**
- **Cleanliness test of parts and fluids (addressed to parts manufacturers for fluid circuit)**
- **Audit/Formation/Certification: filter tests, filtration, particle cleanliness**
- **Filters test benches & laboratory equipment**
- **Study & Optimization of separation process**

Competitive advantages

Services: tests are performed under the ISO 17025 certification. The IFTS is recognized by the main automotive manufacturers. Important flexibility for "tailor-made" tests fixtures with the help of an internal workshop and engineering office

Benches: The only one worldwide company to **manufacture filter test benches** that is also tests laboratory. IFTS is the first customer of their own production, so the company has the benefit of hindsight and can improve what they produce. The engineers are part of the standardization committees of tests methods and IFTS is able to offer forefront solutions.

Partners / Customers researched

Customers' profiles: - target n°1: **filter manufacturers (liquid and air)**
-target n°2: **automotive & heavy goods manufacturers:** they would ask their car parts suppliers to test the parts they have to deliver & ask them to participate to the R&D, especially to set up specifications on filtrations.
-target n°3: **car parts manufacturers, especially the suppliers of fluid circuit components (fuel, aD blue, hydraulic, power train etc...)**

Contacts functions: Technical director, Quality director



LA FONTE ARDENNAISE

CONTACT

Roberto NOSSEK

Strategy &
Development
Director

Certifications
ISO 9001 & TS 16949
ISO 14001
ISO 50001

Website:

<http://www.la-fonte-ardennaise.com/>

Important data

Founded in 1927

1300 employees

*Turnover: 195 millions
euros in 2016*

Export share: 56%

Export since 1987

*Production plants in
France, Spain & Serbia*

Exports in

33 countries in Europe,
North America, South
America, Africa, Asia

Foundry

LA FONTE ARDENNAISE: cast iron parts

PRODUCTS

- Grey iron parts
- Spheroidal graphite iron
- SiMo ductile iron for products needing good resistance to temperature
- castings from alloys

... with paint, machining and assembly



OUR OFFER

Our group LA FONTE ARDENNAISE comprises 4 foundries of grey and ductile cast iron whose total capacity reaches 130 000 tons, 3 machining plants (110 CNC) and paint shops for painting and cataphoresis.

The foundries are certified ISO TS16949 and ISO 14001, and are equipped with the latest generation DISAMATIC moulding lines. They have the capacity to produce over 100,000 tons per year.

The flexibility and expertise of each of our foundries allow us to fulfil every type of demand ranging from small-, medium- to large-scale production of castings, with or without a core, with an average weight ranging from a few hundred grams to around 40 kg.

Our melting equipment, cupola furnaces and medium frequency electrical furnaces allow us to produce most standard grades of grey cast iron and ductile cast iron.

We also produce castings from alloys: SiMo ductile iron for products needing good

An efficient logistics department and the management of stock hotels in USA, Serbia and Mexico allow us to deliver our customers on the 5 continents.

COMPETITIVE ADVANTAGES

- International supply chain
- Delivery of a product ready to use

CUSTOMERS RESEARCHED

Customers' profiles: companies using cast iron molded parts, medium & large production batches

Contacts functions: Purchasing director



LA FONTE ARDENNAISE

CONTACT

Roberto NOSSEK

Strategy &
Development
Director

Certifications
ISO 9001 & TS 16949
ISO 14001
ISO 50001

Website:

<http://www.la-fonte-ardennaise.com/>

Important data

Founded in 1927

1300 employees

*Turnover: 195 millions
euros in 2016*

Export share: 56%

Export since 1987

*Production plants in
France, Spain & Serbia*

Exports in

33 countries in Europe,
North America, South
America, Africa, Asia

LA FONTE ARDENNAISE: cast iron parts

PRODUCTS

- Grey iron parts
- Spheroidal graphite iron
- SiMo ductile iron for products needing good resistance to temperature
- castings from alloys

... with paint, machining and assembly



OUR OFFER

Our group LA FONTE ARDENNAISE comprises 4 foundries of grey and ductile cast iron whose total capacity reaches 130 000 tons, 3 machining plants (110 CNC) and paint shops for painting and cataphoresis.

The foundries are certified ISO TS16949 and ISO 14001, and are equipped with the latest generation DISAMATIC moulding lines. They have the capacity to produce over 100,000 tons per year.

The flexibility and expertise of each of our foundries allow us to fulfil every type of demand ranging from small-, medium- to large-scale production of castings, with or without a core, with an average weight ranging from a few hundred grams to around 40 kg.

Our melting equipment, cupola furnaces and medium frequency electrical furnaces allow us to produce most standard grades of grey cast iron and ductile cast iron.

We also produce castings from alloys: SiMo ductile iron for products needing good

An efficient logistics department and the management of stock hotels in USA, Serbia and Mexico allow us to deliver our customers on the 5 continents.

COMPETITIVE ADVANTAGES

- International supply chain
- Delivery of a product ready to use

CUSTOMERS RESEARCHED

Customers' profiles: companies using cast iron molded parts, medium & large production batches

Contacts functions: Purchasing director

Foundry


 Technical
Textile

Mesnard - Catteau: Needle punched non woven producer for automotive sector

CONTACT

Sebastien LUCHE

Sales director

Languages spoken

Certification :



Afaq ISO 9001

Website:

www.mesnard-catteau.com/

Important data

Year of creation: 1948

Turnover: 8 millions of euros

Export turnover: 4,4 millions of euros

Exports since 1997

The company has a modern equipment:

- 2 needle punch lines
- 1 industrial oven
- 2 dilours for velour aspects
- 1 buckling machine
- 1 cutting machine
- 2 calendernig machines

Exports in :

20 countries: Czech Republic, Poland, Roumania, GB, Belgium, Netherlands, Spain, etc..

OUR PRODUCTS

What Mesnard – Catteau can supply :

- Carpets for passenger compartment
- Needle punch for trunk compartment
- Non-woven for seats



OUR OFFER

Mesnard Catteau is a French company that **manufactures carpets and needle-punched nonwoven fabrics**. Thanks to a variety of finishing processes we can offer an array of products for enhancing the **acoustic comfort** and aesthetics of homes and automobiles.

Moreover, the physical and mechanical properties of our **technical felts** form the base of numerous products used in an assortment of industrial applications.

Applications:

Passenger compartment:

Interior carpet, acoustic felt, under-seating, **luggage covering shelf**, fuel tank flap, **over carpet**, panoramic roof hatch.

Trunk:

Decor and structure for **trunk side trim**, bootlid, backrest back, trunk floor, trunk tablet, spare wheel protection, luggage concealer, parcel shelf.

Seat:

Seat flange, lower back carpet, shock absorbent felt, seat stretcher.

COMPETITIVE ADVANTAGES

- | | |
|---------------------------|------------------------------|
| - Expertise | - Competitiveness |
| - Responsiveness | - Product optimization |
| - Independence | - Customer satisfaction |
| - Research and Innovation | - Respect of the environment |

Partners / Customers researched

Customer's profiles: car parts manufacturers without internal needle punched production site - Tier 1 Automotive suppliers using needle-punched products - Automotive suppliers using thermoforming for car interior trim components - Suppliers for seats, sound-proofing of the engine compartment, car mat, trunk floor & trunk side trim, mudguard, parcel shelf

Contacts functions: Purchasing Director, Development engineer



Restagraf: standard or specific fasteners for automotive equipment suppliers

CONTACT

Alexandre LEGRET

Sales engineer

Languages spoken

Certifications



ISO 9001

Website:

<http://www.restagraf.com/en/home/>

Important data

Founded in 1967

150 employees

37 millions of euros of turnover

Export turnover: 37 millions of euros

Exports since 1997

Exports in :

Europe & Maghreb

PRODUCTS

Standard or specific Fasteners for automotive industry :

- Development
- Commercialization
- Industrialization
- Logistics



They trust us

OUR OFFER

1) Automotive and Industry department: distribution, development and industrialization of standard and specific fasteners for automotive equipment suppliers and industrial companies.

2) Automotive After-Market department: packing and commercialization of standard and specific fasteners for car body, collection of OEM fasteners needed to repair the damaged area (door, tailgate, and bumper) and other connectors / electrical components.

In order to provide a global technical and economic solution, we integrate the "fastening" function in the following trades:

- Cold heading
- Bar turning
- Cutting / drawing / folding
- Plastic injection
- Wire work
- Assembly



INTERNATIONAL STRATEGY / COMPETITIVE ADVANTAGES

- Quality
- Logistics platform in Prague
- Technical expertise
- Purchasing expertise
- Important panel of manufacturers

CUSTOMERS RESERACHED

Customers' profiles: Automotive supplier – Tier 1, 2 & 3; Industries

Contacts functions: Purchasing Manager, Project purchasing, Technical director



SCASSI

be secure

SCASSI: cybersecurity solutions

CONTACTS

Briag MONNIER
 Manager Automotive Cybersecurity

Certifications

ISO 27034

Website:
<http://scassi.com/en/domaines/automobile>

Important data

Founded in 2005

Turnover: 2 millions of euros

Export turnover: 10%

40 employees

SOLUTIONS

- Vulnerability management
- One shot offer, or continuous along the development and exploitation lifecycle
- COTS Assessment (i.e.: AUTOSAR component, linuxYocto...), vulnerability (CVE) flows management
- Risks Analysis on:
 - One ECU (with multiple microcontrollers, multicores)
 - One subsystem (some connected ECUs)
 - One whole system –i.e. : DTC upload, Over The Air
- Pentest on available media:
 - Attack surface: CAN bus, 2G, 3G, 4G, Wifi, BlueTooth, USB, serial link, FlexRay, Ethernet, RF
 - Code evaluation



OUR OFFER

The main skill of SCASSI since 12 years: CYBERSECURITY, for IT and embedded systems.

SCASSI also address the concerns of SCADA, Industry, IoT, and Banks, especially Card Payment.

Right now, the vehicles become more and more connected, and the complexity of the embedded systems increases exponentially, SCASSI offers one complete approach of the Cybersecurity risks management, from the Risks Analysis to the Pentests on the ECUs, and code audit, and also the vulnerabilities management. Connected vehicles are integrating more and more applications based on external communication networks: Wi-Fi, radio frequencies, etc. This will increase opportunities for potential malicious acts or cyberattacks.

SCASSI works on identification and development of solutions to reduce and manage these risks. The use of COTS for example, software traditionally used to secure standard company information systems, requires numerous developments in order to meet requirements in terms of reliability, security, and industrial certification.

COMPETITIVE ADVANTAGES

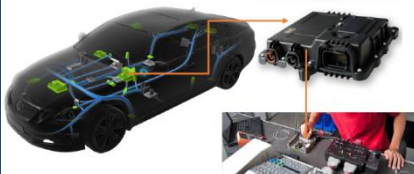
- Scassi is ready to open an office in Central Europe
- We are the only company offering these types of solutions

CUSTOMERS RESEARCHED

Customers' profiles: Companies developing ECU (Electronic Component Unit), OEM, Automobile manufacturers + all companies with needs in cybersecurity

Partners' profiles: Software and IT services companies (embedded softwares)

Contacts functions: Director of software development, ECU products manager, electronic product development, IT security, R&D,



Presence in :

Offices in Spain & United Kingdom