Le Bélier

General Presentation
Founded in Vérac, Bordeaux area - France - by the GALLAND family.

International expansion, set up of 6 new plants in Europe, Asia and North America.

319,5 Million euros sales, 3 600 employees with 12 production facilities and a total sold tonnage of 65 000T.

Development of aluminum safety parts for the automotive industry.

Acquisition of the HDPCI Group (China, Hungary).
Le Bélier provides customers with light-weight solutions, contributing to the reduction of fuel consumption and CO$_2$ emissions.

Leader in cast aluminum braking parts for the global automotive industry.

Producer of cast components for aeronautic markets.
Offer light-weight solutions to customers.

Improve our competitiveness.

Reinforce the added value of our products.

Develop innovation.

Continue our worldwide development.
3 strategic products lines
Customers : TIER 1 and OEM

- **Braking**: calipers, master cylinders
- **Air intake**: turbo compressor housings, intake manifolds, air tank coolers...
- **Chassis - Structure**: steering knuckles, side members, nodes...
Le Bélier’s production breakdown by OEM

55% (German OEM)

21% VW Group
21% BMW Group
13% DAIMLER Group
12% Others

3% TOYOTA Group
3% PSA Group
3% FIAT Group
4% FORD Group
7% GM Group
13% RENAULT NISSAN Group
4% (German OEM)

General Presentation
Automotive market
History
Profile
Policy
Automotive products
Automotive customers
Automotive market
Global footprint
Know How
Processes
## Global footprint for Global Customers

### Markets

<table>
<thead>
<tr>
<th>Americas</th>
<th>Europe</th>
<th>Asia</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Production facilities</strong> (12)</td>
<td><strong>France: 1 &amp; Headquarters</strong> (Vérac)</td>
<td><strong>China: 4</strong> (Dalian, Lushun (2), Wuhan)</td>
</tr>
<tr>
<td><strong>Mexico: 2</strong> (Querétaro)</td>
<td><strong>Hungary: 3</strong> (Ajka, Szolnok, Mohács)</td>
<td></td>
</tr>
<tr>
<td><strong>Serbia: 2</strong> (Kikinda)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Activities</strong></td>
<td>Foundry, machining, casting tooling design &amp; manufacturing, prototyping</td>
<td>Foundry, machining, casting tooling design &amp; manufacturing</td>
</tr>
<tr>
<td><strong>Product lines</strong></td>
<td>Braking, Chassis, Structure &amp; Air intake</td>
<td>Braking, Chassis, Structure &amp; Air intake, Aeronautics</td>
</tr>
<tr>
<td><strong>Certifications</strong></td>
<td>All production facilities IATF 16949</td>
<td>8 production facilities ISO 14001: Querétaro (foundry &amp; machining), Ajka, Szolnok, Wuhan, Lushun (foundry &amp; machining), Kikinda (foundry) &amp; Vérac</td>
</tr>
</tbody>
</table>

### General Presentation

- **History**
- **Profile**
- **Policy**
- **Automotive products**
- **Automotive customers**
- **Automotive market**
- **Global footprint**
- **Know How**
- **Processes**

*le Bélier*
Product design, development and prototyping
Full service supplier from design to finished component including assembly

CAD CAM: CATIA V5...
Casting simulation (filling & solidification): QuikCAST
FEA: Catia GPS, Nastran, Hyperworks

Tooling manufacturing
In-house die design and manufacturing

Gravity dies and core boxes
High quality production processes

**Processes**

- **Sand casting**
  - automotive prototype and aerospace production

- **Gravity**
  - Robotized turntables and lines for large series

- **Low pressure**
  - complex shape parts

- **Machining**
  - Multi-spindle CNC’s, lathes, automated production lines
Le Bélier - Plantier de la Reine
BP 103 - 33240 Vérac France
Tel: 33 (0) 557 550 300
www.lebelier.com