

autoneum



At a Glance 2019



About Autoneum

Autoneum is the global market and technology leader in acoustic and thermal management for vehicles and partner to automobile manufacturers around the world.

The Company develops and produces multifunctional, lightweight components for optimum noise and heat protection. The innovative products and technologies are designed to make vehicles lighter, quieter, safer and more fuel-efficient while enhancing driving comfort.



Represented in **25 countries**



55 production facilities
worldwide

Around
13 000

employees worldwide

We perform with **PASSION**

We act with **ACCOUNTABILITY**

We profit from **INNOVATION**

We live a **GLOBAL SPIRIT**

We progress through **CONTINUOUS IMPROVEMENT**

We strive for **SIMPLICITY**

Autoneum values

5.0%

EBIT margin

2281.5

CHF million

Revenue



Opening of
two new plants in China



Delivery of **10 electric**
vehicle models

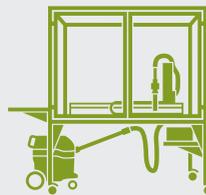
Highlights 2018



Anniversary:
In-house production of
tools in Hnátnice,
Czech Republic



Opening of sixth Eastern European
plant in **Komárom**, Hungary



Launch of measurement system
Carpet Cleanability Analyzer



Paving the way for the future of mobility

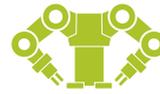
For Autoneum, innovation is a decisive success factor for creating substantial business opportunities from major industry trends. By anticipating and implementing them accordingly into product development, Autoneum is setting industry standards in acoustic and thermal management.



Partner to all automobile manufacturers

With the growing importance of electromobility, self-driving vehicles and car sharing services, automobile manufacturers and suppliers are working together on the development of new products and technologies for the car of tomorrow. There is increasing demand for components that make vehicles significantly lighter, quieter and more fuel-efficient. Autoneum is well-prepared for these challenges: As a technology leader, the Company invests continuously in the development of breakthrough innovations in acoustic and thermal management.

Autoneum's multifunctional components not only reduce noise and heat, but also meet high requirements in terms of quality perception and durability. This is especially important for self-driving and shared vehicles in which the passenger cabin is increasingly used as a place of work or recreation. At the same time, all types of drives need lightweight components that decrease the vehicle's weight and thus lower energy consumption and emissions. Because of the comparatively heavy batteries onboard that significantly influence the driving range, electric vehicles in particular require greater weight reduction. There are thermic challenges to be overcome as well: Since the temperature regulation of electric vehicles need around 20% of the battery charge, thermal insulation is crucial for climate control. Components manufactured by Autoneum shield the passenger cabin from cooling and heating and thus ensure the optimal interior vehicle temperature.



Drive Digitalization

For Autoneum as a manufacturing company, digital transformation is a prerequisite for expanding its market and innovation leadership. As a key pillar of its digitalization strategy, the Company pursues operational efficiency at its plants by investing in automated processes. The complex networking of intelligent production systems (smart factories) enables accelerated and more productive manufacturing processes, cost savings as well as more flexible and customized production. To achieve these targets, Autoneum also applies a variety of Industry 4.0 applications, such as virtual reality applications and the Internet of Things (IoT).

In 2018, Autoneum further implemented various digitalization initiatives Group-wide. Among other things, an integrated cloud-based HR system was rolled out globally, making it easier and more effective for all employees to manage their personal development within the organization. Autoneum also uses augmented reality applications in research and development to leverage simultaneous workflows with experts around the world via remote access for innovation projects.

Setting industry standards with innovative components

The future belongs to new forms of mobility such as electromobility and self-driving cars. As a global supplier and especially as an innovation leader, Autoneum is investing accordingly in technologies and products for noise and heat protection to meet current and future requirements of mobility.

Interior Floor

Tufted Carpets, Non-Woven Carpets, Inner Dashes, Floor Insulators, Floor Mats



Engine Bay

Engine Encapsulations, Engine and Battery Covers, Hoodliners, Outer Dashes



A particular focus lies on the development of new components that support a quiet and comfortable driving experience with a low environmental impact at the same time. Already today, the Company offers a broad product portfolio for new forms of mobility. For example, carpet systems manufactured by Autoneum play an important role as they

shield the passenger cabin from external noise sources and influence the quality perception in the vehicle accordingly. In addition, underbody systems based on Ultra-Silent absorb sound and enhance the aerodynamics of cars. Thanks to their lightweight, they also contribute to an improved driving range of electric vehicles.

Underbody

Underbody Shields, Heatshields, Floor Pans and Battery Boxes, Wheelhouse Outer Liners, Tunnel Insulators

Body Treatment

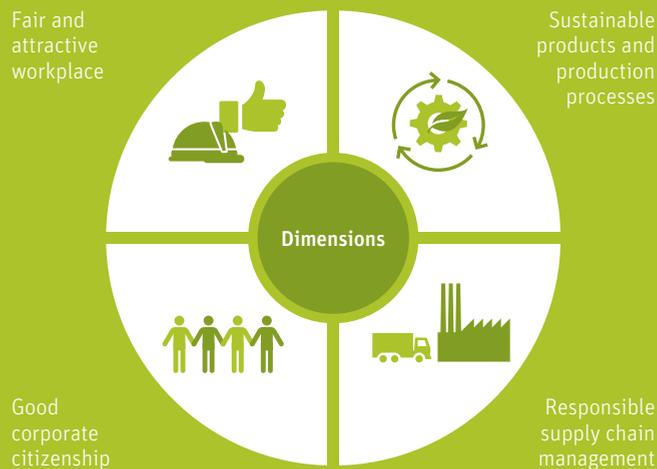
Dampers, Stiffeners



Living a culture of responsibility

Autoneum has committed itself to becoming the Corporate Responsibility benchmark among its industry peers. Through considerate management of human and natural resources, the Company aims to make a decisive contribution to a sustainable future.

Corporate Responsibility Strategy 2025



Autoneum defined four strategic focus areas that will determine its development trajectory through 2025. For the focus area “Advance Sustainability”, the Company has set comprehensive environmental, social and ethical targets, which are summarized in the Corporate Responsibility Strategy 2025. Within this framework, a range of projects and measures have already been undertaken.



Sustainable production processes

Autoneum works continuously to limit its environmental impact by investing in eco-efficient production processes. The Company has defined ambitious long-term targets for reducing waste volumes and greenhouse gas emissions as well as for lowering energy and water consumption at its locations. As part of this approach, 82 eco-efficiency projects were rolled out at 28 production sites in 2018.



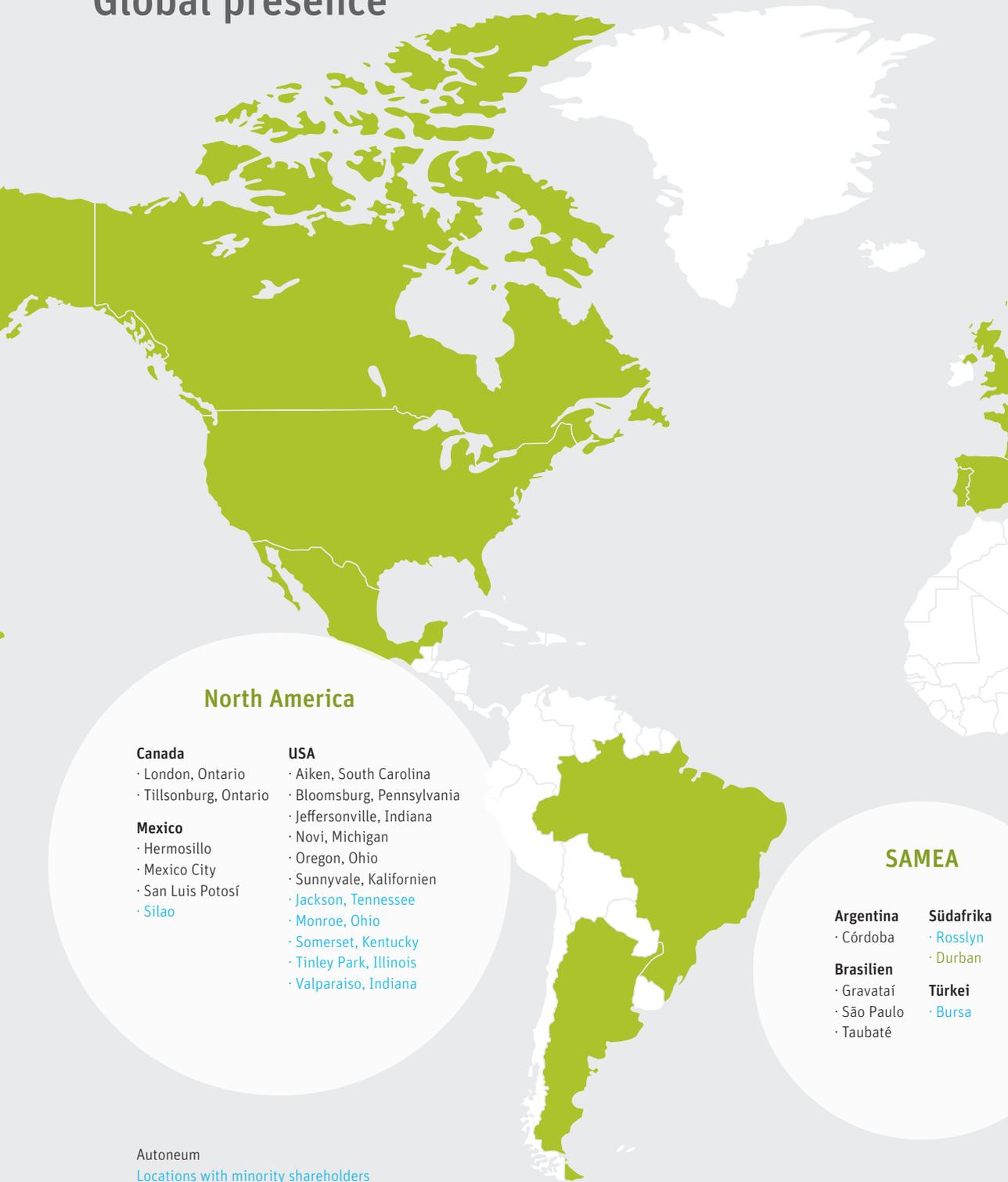
Fair and attractive workplace

An engaged, motivated and culturally diverse workforce is essential for Autoneum's business success. The Company's High Performance Culture – underpinned by values and principles – shapes an environment in which employees can both perform and grow. The Company invests in the professional development of its employees and seeks to provide fair and attractive working conditions. A particular emphasis is placed on the health and safety of employees.



Autoneum makes a decisive economic impact on the communities surrounding its locations in the form of employment, taxes and infrastructure investments. At the same time, the Company builds lasting ties with local stakeholders in order to understand their needs and to support them with targeted community engagement programs. To this end, every location must engage in at least one project a year.

Global presence



North America

Canada

- London, Ontario
- Tillsonburg, Ontario

Mexico

- Hermosillo
- Mexico City
- San Luis Potosí
- Silao

USA

- Aiken, South Carolina
- Bloomsburg, Pennsylvania
- Jeffersonville, Indiana
- Novi, Michigan
- Oregon, Ohio
- Sunnyvale, Kalifornien
- Jackson, Tennessee
- Monroe, Ohio
- Somerset, Kentucky
- Tinley Park, Illinois
- Valparaiso, Indiana

SAMEA

Argentina

- Córdoba

Brasilien

- Gravataí
- São Paulo
- Taubaté

Südafrika

- Rosslyn
- Durban

Türkei

- Bursa

Autoneum

Locations with minority shareholders

Associated companies and investments

Licenses

Europe

Belgium

- Genk

Czech Republic

- Bor
- Choceň
- Hnátnice

France

- Aubergenville
- Blainville
- Lachapelle-aux-Pots
- Moissac
- Ons-en-Bray

Germany

- Munich
- Rossdorf-Gundernhausen
- Sindelfingen

Hungary

- Komárom

Italy

- Santhià

Poland

- Katowice
- Nowogard

Portugal

- Setúbal

Russia

- Ryazan

Spain

- A Rúa
- Valldoreix

Sweden

- Gothenburg

Switzerland

- Sevelen
- Winterthur (HQ)

United Kingdom

- Halesowen
- Heckmondwike
- Stoke-on-Trent

Asia

China

- Changsha
- Chongqing
- Pinghu
- Shanghai
- Shenyang
- Taicang
- Yantai
- Guangzhou
- Tianjin
- Wuhan
- Fuzhou

India

- Behror
- Chennai
- Indonesia
- Jakarta
- Japan
- Oguchi
- Tokyo

Malaysia

- Shah Alam

South Korea

- Seoul

Thailand

- Laem Chabang
- Chonburi

Autoneum. Mastering sound and heat.

Autoneum Management Ltd
Schlosstalstrasse 43, PO Box
CH-8406 Winterthur
T +41 52 244 82 82
info@autoneum.com

www.autoneum.com

